



PRODUCTION COST & MARKETING OF CEREAL, CASH, VEGETABLE & INDUSTRIAL CROPS IN NEPAL

2072/2073

(2015/2016)



Government of Nepal

Ministry of Agriculture Development

Department of Agriculture

Agribusiness Promotion & Marketing Development Directorate

Market Research & Statistics Management Program

Harihar Bhawan, Lalitpur

www.mrsmp.gov.np

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FOREWORD



Profitability of the farm business is a pre-condition for attracting farmers for increasing the agricultural production in the country. Comparing the costs and benefits of different crops are necessary to device national policies for making the farm production viable. For judging the profitability of crop production and recommending policy measures for market interventions sound information on the costs of production, yield rate and farm gate price are necessary. This report fulfils this need of the country.

Survey of the costs of production and then comparison of net returns to the fixed farm resources from different crops fall under the regular activities of Market Research and Statistics Management Program. This publication "Costs of Production and Marketing Margin of Cereals, Cash crops, Vegetables and Spices, Nepal" is published to help the farmers, agribusiness operators, researchers, academicians, executives and policy makers.

I am highly grateful to those farmers and agribusiness operators who provided useful information on the survey for this study. I fully appreciate the efforts and hard works of staffs involved in field survey, data analysis and writing this report. Special thanks go to dedicated Senior Agriculture Marketing Officer Mr. Tejendra Prashad Poudel, Senior Statistical Officer Dinesh Bhattarai, Agricultural Economists Mr. Kishor Parajuli and Mr. Gokarna Sharma Acharya, Agricultural Economist Mr. Mani Ratna Aryal, Agricultural Economist Mr. Mahendar Kunwar for their hard work in producing this report. I also acknowledge the help of all the staffs under this programme for their direct and indirect help in completing this study.

I welcome reviews, comments and criticisms on this report from the users so that we can improve it further in the coming years.

Netra Bahadur Bhandari
for Chief

Dated: July 2016

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Cost of Production and Marketing of Cereals, Vegetables and Industrial Crops

1. Introduction

The agriculture sector and its overall development is directly linked with the objectives of meeting basic needs of the people. Increasing farm production and farmers' income depend on how the farmers plan and manage their farms. Farmers usually perform production planning and management in their own judgment as per individual's capacity & family needs. However, they surely can maximize their farm income by adopting profitable enterprise. Management of resources for maximizing the returns and minimizing costs as well as improving the overall efficiency of farmers is the major concern of all the institutions involved in uplifting agricultural livelihood. Information on cost of production is fundamentally helpful to all the policy makers; agricultural scientist, researchers and farmers communities including the farmers.

The cost of production is an aggregate of fixed and variable costs incurred in crop production. There exists substantial gap in our knowledge concerning critical aspects of farmers' decision-makers regarding profitability. The management capabilities of farmers get improved once they come to realize some facts through available information or documents. The data on cost of production can help farmers in their decision making process during the selection of farming business. Farmers get knowledge of profitability in growing different crops suited to different agro climatic conditions by comparing the cost of production as well as other farming activities.

This report has been published in the earlier format of cost of production of some Cereals, Vegetables as it is used to be. But in the present context, special emphasis has been given on Industrial Crops. Cotton and Sugarcane were the prime concerned industrial crops of the study and it might help to impart some light on this concern as well.

The substantial gap exists in our knowledge concerning critical aspects of farmers' decision-making regarding profitability. The recorded data sets help in recommending the farmers what to grow, how much to plant, which varieties yield higher and subsequent selection of crop types or varieties; growing conditions, level of inputs to be used etc. Farmers get knowledge or confirmation of profitability of growing different crops suited

to their agro-climatic area. Data on the cost of cultivation also play important role in the decision making by the planners and policy makers thereby results in the well being of the farmers of even for the purpose of setting up of good governance. The present report aims to fulfill the above kind of requirement for major agricultural growers concentrating on major Cereal Crops, Vegetables, Industrial crops and Spices.

2. Rationale

The present study represents the crop production level and input use in the selected production areas of some important districts. The yield and input use level, here noted, may appear to be higher compared to the national average production. Nevertheless, it is hoped that it would be helpful to assess the status of various efficiency indicators and provide basis to judge appropriate resource allocations by farmers so that the effective costs can be reduced to some extent if possible. In addition to that majority of the crops cultivated in the field are in the form of multiple cropped areas; however the study only accounts for the solo crop disregarding the fact of intercropping and the total cropped area of the other competing crops. This report will also assist toward formulation of appropriate price policy. But the generalization of the report is specific to the district condition along with the varietal cultivars in response.

3. Objectives

The objective of this report is to provide information on production costs and returns of major cereal, vegetables and cash crops by production conditions & ecological belts.

The specific objectives are:

- To estimate cost of production of different crops by district those are noted to be important in terms of volume & production importance.
- To provide data on the cost and return of major arable crops by production condition and varieties by the use of different technologies under different production conditions.
- To estimate marketing aspects of various crop by districts.

4. Methodology:

The report has been compiled by conducting field surveys for primary data collection of major crops growing areas of various districts through structured questionnaire and administering the farmers on recall basis. It also uses the published reports of some

District Agricultural Development Offices (DADO) on cost of production of agricultural crops as part of their annual program and the input data supplied by the DADO for the secondary sources. Similarly, the wholesale price data is used from the reports of Agribusiness Promotion and Market Development Directorate for the verification of the market price of the product.

The Survey was conducted in 185 sampled frequency districts and the districts were purposively selected as per the prominent crops. A well structured open ended questionnaire was designed and survey was conducted jointly by the Program and the District Agriculture Development Offices. The collected questionnaires were processed manually as well as using MS Excel program. The tentative summery of the research was presented in the Technical Committee and the advices given in the presentation is incorporated before the publication.

5. Definition and Concepts

The followings are the definitions and concepts used in the study.

5.1 Cost of Production

Cost of production is reported in two forms viz. (a) Total Cost per hectare and (b) Cost per quintal.

(a) Total Cost:

This is the summation of all costs, both in cash and kind including household labor incurred during the production process.

(b) Cost per Quintal:

Cost per quintal is computed on the basis of "total cost" minus "value of by-product" divided by "volume of main product in quintals" using the following formula.

$$\text{Cost per Quintal} = \frac{\text{Total cost per hectare} - \text{Value of by-products}}{\text{Total volume of the main product in quintal}} \times 100$$

However, as no by-products were reported to have been valued, the by-product case is not applicable at this point. So the formula will remain at this moment as:

$$\text{Cost per Quintal} = \frac{\text{Total cost per hectare} - 0(\text{due to zero value of by-product})}{\text{Total volume of the main product in quintal}} \times 100$$

5.2 Production Condition

Production condition may vary within and between the districts depending upon its geographical conditions and niches of the respective districts. The study has taken an account of the mountains, hills and terai districts and its popular varieties. However being strict, the production condition denotes irrigation condition (irrigated/rain-fed). Varieties & the production conditions of cereal crops (Local/Chaite/Aromatic/Seed Production/Improved) under which the crop in question is cultivated. Similarly, other crops under the study comprise of improved cultivars and the land condition as irrigated/rain fed. In particular there are seven such conditions for cereals under the study viz.:

Cereal Crops:

- a. Local under Irrigated Condition.
- b. Local under Rain Fed Condition.
- c. Chaite under Irrigated Condition.
- d. Aromatic Paddy under Irrigated Condition.
- e. Seed Production under Irrigated condition.
- f. Improved under Irrigated Condition.
- g. Improved under Rain Fed Condition.

Vegetables, Industrial Crops:

- a. Crops planted under irrigated condition in the main cropping season.
- b. Crops planted under un-irrigated condition in the main cropping season.
- c. Crops planted under irrigated condition in the off-season.
- d. Crops planted under un-irrigated condition in the off-season.

5.3 Total Variable Cost

Total variable costs are the costs at market price level and incurred both in cash or kind on items such as human labor, bullock labor, seed, manures, fertilizers, plant protection aids, staking or other costs like transportation charges. The interest on variable costs has been calculated at 12 percent per annum and has been accounted as per the number of the months that crops withstand. Similarly the management and the land rent have also been incorporated with the total variable costs in vegetable crops and industrial crops however only management cost has been accounted in and the land lease have not been reported as it is not in vogue for the cereal crops and cotton. Level of these costs varies depending on production locations, technologies and scale of production.

5.3.1 Human Labor

Human labor is one of the important components of cost involved in crop production. It is measured in terms of adult man-day (eight working hours) in the field. Generally in rural areas, woman workday and child workday is converted in terms of adult man-day, and it is being calculated as it usually in practice. However the reported price of the labor might get different from the District Labor Rate as the primary survey only counted the price that is in usual practice.

- 1.25 woman days is equivalent to One-man day; implying 1 woman day = 0.8 man day.
- 2 child-days is equivalent to One-man day; implying 1 child day = 0.5 man day.

A. Own Family Labor

It implies the labor contribution on farm by own family members. It is the main source of farm labor in case of small and medium sized farms. For estimating such costs, family labor has been valued as paid type of labor. Labor taken on exchange basis is also included in family labor.

B. Hired Labor

Hired labor is the non-family labor employed for farm work as payment on wages in cash, kind or both.

5.3.2 Bullock Labor

Bullock labor inputs are measured in terms of bullock a day, which means use of a pair of bullock for eight hours. Bullock services costs have been calculated at the current district market rate per pair of bullock per day. The cost incurred for ploughman is separately included in the human labor including normal breakfast.

5.3.3 Manures and Fertilizers

Manures and fertilizers are measured in physical as well as value terms. Marketing of manure is not usual in most of the rural areas of Nepal. As substantial amount of labor is involved in preparation of manure, a minimum cost is assigned. While taking an account of the fertilizers, urea, di-ammonium phosphate (DAP) and murate of potash (potash) are commonly available in the market and applied in the farms. The cost of fertilizers has been calculated on the basis of actual price paid by the farmers.

5.3.4 Irrigation

Irrigation charge or cost incurred while hiring pump-set has been taken as actual amount paid. The labor involvement in irrigating field is accounted in human labor.

5.3.5 Seed

Purchased seeds have been charged at market price. Utilization of own farm produced seeds has been evaluated at the local price during the sowing season.

5.3.6 Other Material Inputs

Material inputs such as pesticides and insecticides have been taken at actual price paid have been evaluated accordingly.

5.3.7 Management Cost

Management cost is incurred by the farmer as its one of the factor of production system and it differs with spatial and temporal. Thus it has been calculated as per the practice being reported by the farmers for the seasonal crops however for the annual crops calculated annually. The spatial distribution has been stated as for the Terai regions, Highhills/Midhills, adjoining districts like Nuwakot, Kavrepalanchok and Dhading and Valleys like Kathmandu, Bhaktapur and Lalitpur as follows:

Terai :	Rs 3000 per Hectare per Crop per Season
Midhills/Highhills:	Rs 1500 per Hectare per Crop per Season
Adjoining Valleys:	Rs 2000 per Hectare per Crop per Season.
Valley:	Rs 3000 per Hectare per Crop per Season

5.3.8 Land Lease

Land is one of the prime factors of production and leasing or acquiring the land on rent for the agriculture land is in practice in major parts of the country and it differs spatial and temporal. However the leasing is done for at least 5 years to 10 years going up to 20 years. The cost incurred by the producer farmers to get the land for the production had been reported as per the vogue thus it has been calculated as per the practice being reported by the farmers for the seasonal crops however for the annual crops calculated annually that has been reported below as stated in management cost.

Terai :	Rs 13500 per Hectare @ Rs 150/Month/Kattha per season
Midhills/Highhills:	Rs 9000 per Hectare @ 150/Month/Ropani per Season
Adjoining Valleys:	Rs 15000 per Hectare @ 250/Month/Ropani per Season.
Valley:	Rs 30000 per Hectare @ 500/Month/Ropani per Season

5.3.9 Interest on Working Capital

Interest on the working capital, charged as cash expenses incurred are calculated as 12 percent per annum and thus calculated for a particular crop for the months it covers the arable land and it is incurred in the conditions such as:

- a. Hired human and bullock labor
- b. Hired tractor and pump-set
- c. Other taxes
- d. Expenses incurred on material inputs such as seeds, chemicals, fertilizers, manures, insecticides and pesticides.

5.4. Fixed Cost

Fixed costs are those that do not vary with size of enterprise and have limited bearing upon decisions to increase or decrease production. It includes land revenue, water tax, maintenance and depreciation tools and implements.

5.4.1 Land Tax

Agricultural land is classified into upland and lowland. The land survey has divided each type of land into 4 categories namely, Abbal, Doyam, Sim and Chahar. The land tax has been taken as actual tax paid by the farmers.

5.4.2 Other Tax

It includes water tax, local tax and other governmental taxes if any levied in some special areas for specific unique purpose.

5.4.3 Depreciation

Depreciation cost is calculated on the basis of purchase value and serviceable life of an asset. The serviceable life of an asset is ascertained from farmer's experience. The formula for calculating annual depreciation cost is as follows:

Depreciation Cost = (Purchase value - Scrap value)/ Serviceable lifetime of the farm asset.

For those small agricultural tools and implements, which last around a year scrap, value is not taken into account since they are negligible.

Farm families have agricultural tools and these are used virtually for all most all crops. Depreciation charge for each crop is calculated by the following formulae:

Depreciation cost/Crop = (Area under a crop X Annual depreciation cost)/ Total cropped area

5.4.4 Repairs and Maintenance

Farmers in rural areas pay a fixed amount of their main produce to local blacksmiths who provide regular services of repair and maintaining services of agricultural tools and implements. An annual repairing and maintenance cost is calculated by using the following formula:

$$\text{Repair and maintenance} = \frac{\text{Area under particular crop} \times \text{Grain quantity paid} \times \text{Price per unit}}{\text{Total Cropped Area}}$$

The payments made by the farmer for the repair and maintenance all the year round are proportioned as per the crop duration and the area of cultivation.

5.5 Gross Income

It is the value of the total crop produce (output) including main and by-product evaluated at farm gate price.

5.6 Output Input Ratio

This is the ratio of the value of output including by-product and the total cost of production on per hectare basis.

5.7 Gross Profit at Farm Gate

It is the difference between the gross incomes to the total cost considering the product price at farm gate.

5.8 Net Profit

It is the value of the product in the nearby market deducing the marketing and total cost with the value of by product if available as per the kind of the commodity.

5.9 Value at Market

It is the price of the total marketed volume at the respective near most market where farmers sell their product at wholesale price. In case of cereals and cash crops a same criterion is adopted for calculating the value at market considering the same district's or the relevant near most wholesale market price by deducing 8 percent post harvest and handling loss in total quantity of main product and similarly 12 percent of handling cost per kilograms of the goods handled.

Where as in case of vegetables, the losses incurred during the transportation and handling of the commodity has been calculated ranging from 5 to 10 percent as per the nature and perish-ability of the commodity and Re 1 per kilogram as per the commodity for the transportation and handling. The value at market is determined by the market price prevailed in the relevant near most wholesale market for the each vegetable crop taken an account for the study. And finally the value at market is the total volume of product deducing the handling loss and transportation costs multiplied by the value of the produce that the farmer would achieve not the wholesale price reported in the near most wholesale market of the concerned districts. The market may be of the same district or of the neighboring district or even the distant market like Kathmandu.

6. Major Findings

The study of the Cost of Production and Profit Margin has provided information on costs, income, profit margin and benefit cost ratio of major Cereals, Cash Crops and Vegetables. The study covered 185 sample frequency of districts representing the major ecological belts like Terai, Middhills and Highhills as per the relevance. The study was focused on yield, total costs, value of main product at farm gate and near most wholesale market price, gross income, and gross profit at farm gate, net profit per hectare and benefit cost ratio. The district and commodity wise average price and costs has also been considered which may assist the planners, researchers, entrepreneurs, extension workers, farmers and other stake holders for making further decisions. The brief on summary data has been given as follows. See the Annexes for further details.

6.1 Cereals

6.1.1 Paddy

Cereals has covered 118 districts altogether with an account of 47 districts in Paddy, 36 districts in Wheat, 30 districts in Maize and 5 districts in Millet. Similarly in Paddy it has covered 10 districts in Local, 5 districts in Chaite, 3 districts in Aromatic, 2 districts in Seed Production, 14 districts in improved-irrigated Terai, 2 districts in improved-irrigated Midhills, and 10 districts in improved-rainfed Midhills.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of local Paddy is presented in the table no 1 below:

Table 1 Yield, Returns, Cost, Net Profit of Local Paddy at Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Panchthar	3310.00	63722.90	67689.50	71562.20	71330.50	1815.16	7607.60	7210.40	1.12
Udaypur	3426.00	69680.80	75714.60	78955.60	79483.20	1923.88	9802.40	9391.28	1.14
Dhankuta	3205.00	61893.44	64420.50	68260.09	67946.00	1821.15	6052.56	70088.46	1.10
Gorkha	3150.00	68812.92	71032.50	70566.30	75363.75	2047.04	6550.83	6172.83	1.10
Kaski	2635.00	83442.50	92225.00	97452.84	98285.50	2936.70	14843.00	19754.64	1.18
Myagdi	3168.00	61844.68	68428.80	72864.00	71913.60	1842.17	10068.92	9688.76	1.16
Gulmi	2680.00	68860.20	85760.00	88761.60	90182.00	2404.41	21321.80	24001.80	1.31
Tanahun	3192.00	65572.10	70224.00	73562.83	73735.20	1944.26	8163.10	7780.06	1.12
Bhajhang	2675.00	59306.10	64735.00	69154.10	68413.13	2079.55	9107.03	8786.03	1.15
Doti	2892.00	58951.64	65070.00	67447.22	68251.20	1928.44	9299.56	8952.52	1.16
Average	3033.30	66208.73	72529.99	75858.68	76490.41	2074.28	10281.68	17182.68	1.15

Similarly, the yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Chaite Paddy is presented in the table no 2 below:

Table 2 Yield, Returns, Cost, Net Profit of Chaite Paddy at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Jhapa	3785.00	66748.20	76267.75	80438.82	80620.50	1648.49	13872.30	17589.17	1.21
Mahottari	3545.00	60510.00	72495.25	76805.97	78610.38	1534.41	18100.38	21985.70	1.30
Nawalparasi	3950.00	65764.80	80975.00	84853.90	87788.75	1492.43	22023.95	25428.85	1.33
Dang	3644.00	64122.00	73791.00	77945.16	77981.60	1644.66	13859.60	17576.48	1.22
Kanchanpur	3820.00	67693.60	76973.00	81709.80	81366.00	1657.08	13672.40	17950.80	1.20
Average	3748.80	64967.72	76100.40	80350.73	81273.45	1595.42	16305.73	20106.20	1.25

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Aromatic Paddy is presented in the table no 3 below:

Table 3 Yield, Returns, Cost, Net Profit of Aromatic Paddy at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Sunsari	3582.00	67968.60	146862.00	148294.80	153040.95	1725.00	85072.35	86075.31	2.25
Nawalparasi	3445.00	70491.60	110240.00	120437.20	116182.63	1873.70	45691.03	55474.83	1.65
Lamjung	3845.00	75417.80	139189.00	142380.35	143418.50	1851.45	68000.70	70730.65	1.90
Average	3624.00	71292.67	132097.00	137037.45	137547.36	1816.72	66254.69	70760.26	1.93

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Paddy Seed Production is presented in the table no 4 below:

Table 4 Yield, Returns, Cost, Net Profit of Seed Production Paddy at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Chitwan	3475.00	93619.00	184175.00	191820.00	190169.38	2521.57	96550.38	103778.38	2.03
Sarlahi	3575.00	74001.20	160875.00	171028.00	167041.88	1897.46	93040.68	102764.68	2.26
Average	3525.00	83810.10	172525.00	181424.00	178605.63	2209.52	94795.53	103271.53	2.14

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-irrigated Paddy of Terai Districts is presented in the table no 5 below:

Table 5 Yield, Returns, Cost, Net Profit of Improved Irrigated Paddy at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Sunsari	3910.00	66408.60	80155.00	83994.62	86899.75	1525.93	20491.15	23861.57	1.31
Jhapa	4210.00	72639.80	84831.50	89470.92	89673.00	1610.41	17033.20	21167.42	1.23
Saptari	4210.00	70504.60	84621.00	89664.58	89462.50	1559.69	18957.90	23496.28	1.27

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Siraha	3425.00	61702.90	70041.25	74521.15	73980.00	1686.54	12277.10	16346.00	1.20
Mahottari	3982.00	65005.40	81431.90	86274.01	88300.85	1459.98	23295.45	27659.72	1.36
Parsa	3490.00	64935.40	72068.50	76095.96	78088.75	1688.11	13153.35	16762.01	1.20
Dhanusa	3982.00	66114.40	82626.50	86640.36	89495.45	1487.83	23381.05	26917.07	1.35
Chitwan	3989.00	73853.80	84566.80	86425.67	91447.83	1678.94	17594.03	18974.22	1.24
Nawalparasi	3452.00	63026.48	69903.00	70980.02	73872.80	1710.80	10846.32	10432.08	1.17
Rupandehi	3845.00	66033.48	77861.25	82421.42	82283.00	1602.39	16249.52	15788.12	1.25
Kapilwastu	3900.00	63747.40	78195.00	83062.20	82680.00	1519.55	18932.60	18464.60	1.30
Dang	3982.00	66016.88	80635.50	85541.32	85214.80	1542.88	19197.92	23625.90	1.29
Bardia	3689.00	63612.64	74517.80	79416.79	78760.15	1609.39	15147.51	19603.82	1.24
Kailali	4320.00	68567.40	87048.00	92206.08	92016.00	1472.21	23448.60	28088.28	1.34
Average	3884.71	66583.51	79178.79	83336.79	84441.06	1582.47	17857.55	20799.08	1.27

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-Irrigated Paddy of Mid Hills Districts is presented in the table no 6 below:

Table 6 Yields, Returns, Costs, Net Profit of Improved Irrigated Paddy at Some Midhill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Kavrepalanchok	4145.00	72264.00	83729.00	88280.21	88288.50	1633.40	16024.50	99256.10	1.22
Jumla	4225.00	63278.32	99287.50	103588.55	103935.00	1387.71	40656.68	40149.68	1.64
Average	4185.00	67771.16	91508.25	95934.38	96111.75	1510.56	28340.59	69702.89	1.43

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-Rain Fed Paddy of Mid Hills Districts is presented in the table no 7 below:

Table 7 Yield, Returns, Costs and Net Profit of Improved Rainfed Paddy at Some Midhill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Taplejung	4483.00	64363.40	96160.35	98572.20	101091.65	1325.72	36728.25	36190.29	1.57
Sindhupalchock	4350.00	60600.00	88087.50	93646.80	92872.50	1283.10	32272.50	31750.50	1.53
Sindhuli	3880.00	62334.20	77988.00	82636.24	82256.00	1496.55	19921.80	19456.20	1.32
Makwanpur	4825.00	65645.60	96500.00	102762.85	101807.50	1250.53	36161.90	41845.75	1.55
Bhaktapur	4925.00	77344.60	105887.50	110184.56	111305.00	1460.45	33960.40	33369.40	1.44
Myagdi	4450.00	65736.60	90112.50	95799.60	95007.50	1367.23	29270.90	34424.00	1.45
Surkhet	4225.00	62808.80	85345.00	90567.10	89992.50	1376.60	27183.70	26676.70	1.43
Rukum	4336.00	61939.00	89104.80	94143.23	93874.40	1318.48	31935.40	36453.51	1.52
Jajarkot	4452.00	61938.40	90153.00	96457.03	95050.20	1281.25	33111.80	38881.59	1.53
Dadeldhura	3915.00	60690.56	81823.50	24969.64	86130.00	1440.21	25439.44	24969.64	1.42
Average	4384.10	64340.12	90116.22	88973.93	94938.73	1360.01	30598.61	32401.76	1.48

6.1.2 Wheat

Among the Cereals crops, Wheat has covered 36 districts with an account of 13 districts in improved-irrigated Terai, 13 districts in improved-irrigated Midhills, and 10 districts in improved-rainfed Midhills.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Irrigated Wheat in Mid Hill Districts is presented in the table no 8 below:

Table 8 Yield, Returns, Costs and Net Profit of Improved Irrigated Wheat at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Saptari	3945.00	62423.80	83042.25	87650.01	88713.19	1438.60	26289.39	30423.75	1.42
Jhapa	3790.00	61433.80	76937.00	81591.12	83474.75	1448.44	22040.95	26240.27	1.36
Morang	3790.00	65650.20	78263.50	82637.16	83711.63	1588.45	18061.43	21980.29	1.28
Siraha	3960.00	60636.60	83556.00	87983.28	90387.00	1358.73	29750.40	33702.48	1.49
Chitwan	4080.00	70212.50	86088.00	90649.44	93126.00	1548.39	22913.50	26985.34	1.33
Sarlahi	3964.00	61353.48	79874.60	84242.93	85572.85	1404.02	24219.37	28112.02	1.39

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Bara	3856.00	61628.40	77891.20	82479.84	84542.80	1425.75	22914.40	27040.32	1.37
Rautahat	3985.00	65342.50	80297.75	86339.01	86026.19	1495.96	20683.69	26246.75	1.32
Rupandehi	3724.00	62162.60	77645.40	81540.70	82998.65	1525.49	20836.05	24284.47	1.34
Kapilwastu	3965.00	58537.00	82273.75	87000.03	87973.44	1332.59	29436.44	33686.92	1.50
Bardia	3654.00	56534.40	78195.60	79167.56	84224.70	1382.19	27690.30	28223.78	1.49
Dang	3982.00	58662.00	82626.50	87373.04	88350.63	1329.43	29688.63	33957.33	1.51
Kailali	3785.00	63201.00	76078.50	80612.93	80431.25	1554.78	17230.25	21310.48	1.27
Average	3883.08	62136.79	80213.08	84559.00	86117.93	1448.68	23981.14	27861.09	1.39

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-irrigated Wheat in Some Hills Districts is presented in the table no 9 below:

Table 9 Yield, Returns, Costs and Net Profit of Improved Irrigated Wheat at Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Bhaktapur	4020.00	75002.80	84621.00	86542.56	90148.50	1728.24	15145.70	16584.86	1.20
Udaypur	3560.00	60891.50	75294.00	79259.84	80189.00	1572.94	19297.50	22836.14	1.32
Panchthar	3945.00	59746.20	84028.50	88738.83	88368.00	1404.48	28621.80	32858.73	1.48
Bhojpur	3880.00	50718.00	80898.00	85313.44	85166.00	1197.16	34448.00	38397.84	1.68
Dolakha	4005.00	56491.08	82503.00	87877.71	86908.50	1300.51	30417.42	35311.53	1.54
Nuwakot	3952.00	56301.90	80818.40	85805.82	86252.40	1287.14	29950.50	34463.68	1.53
Tanahun	3910.00	54000.80	81719.00	85793.22	87095.25	1243.59	33094.45	36699.47	1.61
Arghakhachi	3910.00	55343.80	78591.00	83455.04	82892.00	1305.44	27548.20	31943.04	1.50
Kaski	4020.00	57745.40	84420.00	88576.68	89947.50	1298.95	32202.10	35876.38	1.56
Palpa	3890.00	57032.68	78189.00	83028.16	82468.00	1356.14	25435.32	29807.68	1.45
Jumla	4365.00	59203.60	98649.00	99792.63	103450.50	1246.33	44246.90	44866.73	1.75
Surkhet	4155.00	53204.40	86424.00	91169.01	90994.50	1170.49	37790.10	42036.51	1.71
Salyan	3910.00	53541.12	81719.00	86152.94	86020.00	1259.34	32478.88	36443.62	1.61
Average	3963.23	57632.56	82913.38	87038.91	87684.63	1336.21	30052.07	33702.02	1.53

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-rainfed Wheat in Hill Districts is presented in the table no 10 below:

Table 10 Yield, Returns, Costs and Net Profit of Improved Rainfed Wheat at Some Hills Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Sankhuwasabha	3845.00	56112.40	84013.25	88081.26	88242.75	1349.36	32130.35	35736.96	1.57
Khotang	3842.00	55731.88	77416.30	82357.11	81642.50	1340.60	25910.62	30390.39	1.46
Rasuwa	3555.00	63827.80	75899.25	79802.64	79809.75	1685.44	15981.95	19458.74	1.25
Makwanpur	3684.00	57575.20	74232.60	78631.30	79298.10	1425.34	21722.90	25679.52	1.38
Manang	3910.00	64573.00	85629.00	89750.14	89930.00	1541.48	25357.00	29008.94	1.39
Kalikot	3560.00	55338.88	78676.00	79096.08	82592.00	1444.46	27253.12	27246.00	1.49
Rukum	3648.00	55059.40	79891.20	83400.58	83904.00	1399.30	28844.60	31916.22	1.52
Bajura	3632.00	55016.68	81720.00	85373.79	85715.20	1404.78	30698.52	33916.47	1.56
Dadeldhura	3980.00	54971.00	80993.00	85681.44	85371.00	1271.18	30400.00	34610.84	1.55
Accham	3890.00	57021.60	79745.00	84459.68	84024.00	1355.85	27002.40	31250.28	1.47
Average	3754.60	57522.78	79821.56	83663.40	84052.93	1421.78	26530.15	29921.44	1.47

6.1.3 Maize

Among the Cereals crops, Maize has covered 30 districts with an account of 10 districts in improved-irrigated Terai, 5 districts in improved-irrigated Midhills, and 15 districts in improved-rainfed Midhills.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-irrigated Maize in some Mid Hill Districts is presented in the table no 11 below:

Table 11 Yield, Returns, Costs and Net Profit of Improved Irrigated Maize at Some Midhill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Dhadhing	4080.00	58408.50	70380.00	76198.08	72828.00	1371.58	14419.50	19747.98	1.25
Surkhet	4132.00	49018.40	73343.00	79069.95	75822.20	1126.31	26803.80	32034.91	1.55
Dhankuta	4230.00	51818.28	72756.00	78999.48	75294.00	1165.02	23475.72	29211.60	1.45
Kaski	4365.00	58168.68	76824.00	82926.27	79443.00	1272.62	21274.32	26852.79	1.37
Salyan	3915.00	50116.40	68121.00	73296.63	70470.00	1220.11	20353.60	25059.43	1.41
Average	4144.40	53506.05	72284.80	78098.08	74771.44	1231.13	21265.39	26581.34	1.40

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-irrigated Maize in some Terai Districts is presented in the table no 12 below:

Table 12 Yield, Returns, Costs and Net Profit of Improved Irrigated Maize at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Jhapa	4465.00	60425.00	78137.50	84620.68	80816.50	1293.30	20391.50	26338.88	1.34
Kailali	4382.00	56992.20	75808.60	82241.38	78437.80	1240.60	21445.60	27352.54	1.38
Siraha	3882.00	54883.10	66382.20	71964.52	68711.40	1353.78	13828.30	18944.78	1.25
Dang	3875.00	54999.12	67037.50	72904.25	69362.50	1359.33	14363.38	19765.13	1.26
Kapilwastu	3982.00	54002.60	69485.90	75100.52	71875.10	1296.17	17872.50	23009.28	1.33
Sunsari	4295.00	59222.20	75162.50	81596.41	77739.50	1318.86	18517.30	24435.81	1.31
Chitwan	4680.00	68219.60	82368.00	89987.04	85176.00	1397.68	16956.40	24013.84	1.25
Sarlahi	4050.00	55796.76	70065.00	76196.70	72495.00	1317.70	16698.24	22343.94	1.30
Rupandehi	3910.00	56302.20	67447.50	73742.60	69793.50	1379.95	13491.30	19317.20	1.24
Parsa	3865.00	56365.80	67057.75	73249.48	69376.75	1398.36	13010.95	18738.88	1.23
Average	4138.60	57720.86	71895.25	78160.36	74378.41	1335.57	16657.55	22426.03	1.29

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-rainfed Maize in some Hill districts is presented in the table no 13 below:

Table 13 Yield, Returns, Costs and Net Profit of Improved Rainfed Maize at Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Therathum	3889.00	55678.10	68640.85	73525.43	70974.25	1371.68	15296.15	19714.05	1.27
Okhaldhunga	4025.00	55180.80	70437.50	75541.20	72852.50	1310.95	17671.70	22292.40	1.32
Sindhuli	4085.00	58262.60	70466.25	84459.68	72917.25	1366.26	14654.65	19613.84	1.25
Kavrepalanchok	4086.00	52927.80	70074.90	76310.14	72526.50	1235.35	19598.70	25343.62	1.37
Baglung	4110.00	53635.00	70692.00	76191.18	73158.00	1244.99	19523.00	24528.98	1.36
Palpa	4050.00	49657.00	69052.50	75078.90	71482.50	1166.10	21825.50	27365.90	1.44
Gulmi	3965.00	55584.60	68198.00	74050.34	70577.00	1341.88	14992.40	20368.94	1.27
Pyuthan	3920.00	50917.60	67816.00	73029.60	70168.00	1238.92	19250.40	23993.60	1.38

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Jumla	3987.00	55844.40	71766.00	77945.85	74158.20	1340.66	18313.80	24015.21	1.33
Jajarkot	3950.00	54970.40	71890.00	77404.20	74260.00	1331.66	19289.60	24329.80	1.35
Lalitpur	4067.00	57662.60	71172.50	76890.70	73612.70	1357.82	15950.10	21180.26	1.28
Taplejung	4089.00	56898.80	74624.25	80504.23	77077.65	1331.51	20178.85	25568.15	1.35
Rolpa	3985.00	52682.20	70335.25	76073.65	72726.25	1262.01	20044.05	25304.25	1.38
Doti	4022.00	51769.40	70385.00	76409.96	72798.20	1227.16	21028.80	26571.12	1.41
Gorkha	4189.00	59085.80	73307.50	79389.93	75820.90	1350.50	16735.10	22314.85	1.28
Average	4027.93	54717.14	70590.57	76853.67	73007.33	1298.50	18290.19	23500.33	1.34

6.1.4 Millet

Among the Cereals crops, Millet has covered 5 districts with an account of all the districts in improved-rainfed Hill districts.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved-rainfed Millet in some Hill districts is presented in the table no 14 below:

Table 14 Yield, Returns, Cost, Net Profit, of Improved Millet at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Panchthar	2735.00	54758.56	82050.00	88067.00	85058.50	1892.14	30299.94	35988.74	1.55
Sindhupalchock	2755.00	57469.60	85405.00	86176.40	90708.38	1893.51	33238.78	33679.58	1.58
Lamjung	2615.00	50906.00	74527.50	78429.08	78123.13	1809.19	27217.13	30804.91	1.53
Rukum	2680.00	51180.20	81204.00	84939.92	84152.00	1799.71	32971.80	36386.12	1.64
Bhajhang	2735.00	51645.09	83417.50	87437.95	86426.00	1778.30	34780.91	38473.16	1.67
Average	2704.00	53191.89	81320.80	85010.07	84893.60	1834.57	31701.71	35066.50	1.60

6.2 Vegetable Crops

Despite of the fact, there are plenty of vegetables that are grown commercially all over the nation, it was impossible to cover up all the crops for the study. However, a modest attempt had been made to cover up 2 Cole Crops, 3 Root Crops, 5 Cucurbits and 4 Solanaceous Crops. Altogether 68 districts have been covered in different conditions like main season, off season, tunnel, winter and summer crops and so on.

6.2.1 Solanaceous Crops

There are many kinds of vegetables that fall under the category of the solanaceous family. However was not possible to cover up all the solanceous crops been cultivated. The study has only taken an account of the Potato, Tomato, Eggplant and Capsicum was surveyed as per its popularity amongst the farmer under the study.

6.2.1.1 Potato

Under this crop, the potato is cultivated far and wide in all climatic regions. As there are many varieties of Potato that can be grown right from the High Hills to the low laying plains of Terai districts. Its productivity varies widely as per the selection of varieties and the micro climatic variability. Thus the study has categorized the crop in improved Summer Potato of some hill Districts and Improved Winter Potato of some Terai and Hill Districts.

The productivity varies as per the varieties however the summer potato fetches more prices in the market. The study has surveyed total number of 3 districts with Winter Potato in Terai districts and Summer Potato in 5 Hill Districts.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Main Season Winter Potato in some Terai districts is presented in the table no 15 below:

Table 15 Yield, Returns, Costs and Net Profit of Improved Winter Potato at Some Terai District:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Banke	24890.00	270738.04	491577.50	562762.90	491577.50	1087.74	220839.46	289535.86	1.82
Saptari	21955.00	258749.80	444588.75	461988.09	444588.75	1178.55	185838.95	201042.79	1.72
Chitwan	23820.00	290207.60	512130.00	537438.75	512130.00	1218.34	221922.40	244849.15	1.76
Average	23555.00	273231.81	482765.42	520729.91	482765.42	1161.54	209533.60	245142.60	1.77

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Main Season Summer Potato in some Hill districts is presented in the table no 16 below:

Table 16 Yield, Returns, Costs and Net Profit of Improved Summer Potato at Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Udaypur	24913.00	269114.84	460890.50	511214.76	460890.50	1080.22	191775.66	239608.62	1.71
Rasuwa	26280.00	285425.80	630720.00	705289.50	630720.00	1086.10	345294.20	417235.70	2.21
Accham	23563.00	254715.20	553730.50	616702.62	553730.50	1081.00	299015.30	359631.12	2.17
Bajura	21855.00	255245.80	513592.50	568885.65	513592.50	1167.91	258346.70	311454.35	2.01
Myagdi	22230.00	243920.60	522405.00	576535.05	522405.00	1097.26	278484.40	330391.45	2.14
Average	23768.20	261684.45	536267.70	595725.52	536267.70	1102.49	274583.25	331664.25	2.05

6.2.2.2 Tomato

Tomato is one of the popular vegetable that is cultivated far and wide. It has been commercially grown since a long time. However the commercialization of the crop has been recently seen solely as a tomato farm as well. Numerous Tomato cultivating farms that use the Plastic sheds are very commonly seen in various parts of the country and is spreading far and wide. Similarly on the other hand the seasonal tomato is also being cultivated and popular amongst the farmers. The cost of cultivation, specific varieties for both crops and the returns out of the both the crop seems different. The study has taken an account on both the crops and studied and reported separately. The Tunnel tomato has covered 3 Hill districts and main season tomato has covered 4 Hill and 1 Terai districts.

The cost of cultivation of the Tomato that is cultivated in the Sheds has been calculated by taking account of the cost of constructing the Plastic Shed on the initial year and thus the benefit seems bit lower. However with only 5 percent of investment in the maintenance of the Plastic Sheds, it can be used for 2 consecutive years which increase the benefit in following years.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved off season Tomato in 4 Hills districts is presented in the table no 17 below:

Table 17 Yield, Returns, Costs and Net Profit of Improved Offseason Tomato in Tunnel at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Lalitpur	2312.50	35195.84	46250.00	45267.19	46250.00	1521.98	11054.16	8915.10	1.31
Kavrepalanchok	2318.75	30442.08	42317.19	41946.19	42317.19	1312.87	11875.11	10344.73	1.39
Tanahun	2231.25	30466.00	42393.75	43375.50	42393.75	1365.42	11927.75	11793.88	1.39
Makwanpur	2249.00	31431.96	42955.90	42910.92	42955.90	1397.60	11523.94	10354.46	1.37
Average	2277.88	31883.97	43479.21	43374.95	43479.21	1399.47	11595.24	10352.04	1.37

Similarly, the yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Main Season Tomato in 4 Hill and 2 Terai districts is presented in the table no 18 below:

Table 18 Yield, Returns, Costs and Net Profit of Improved Mainseason Tomato at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Bhaktapur	23948.00	190975.00	478960.00	468782.10	478960.00	797.46	287985.00	265833.10	2.51
Nuwakot	22845.00	150665.00	453473.25	437938.65	453473.25	659.51	302808.25	275851.15	3.01
Kaski	24260.00	174232.68	582240.00	545850.00	582240.00	718.19	408007.32	359487.32	3.34
Dhankuta	21164.00	141037.80	469840.80	442856.70	469840.80	666.40	328803.00	291236.90	3.33
Sarlahi	33846.00	154587.40	390921.30	380767.50	390921.30	456.74	236333.90	209257.10	2.53
Salyan	22465.00	137149.80	438067.50	426610.35	438067.50	610.50	300917.70	278228.05	3.19
Average	24754.67	158107.95	468917.14	450467.55	468917.14	651.47	310809.20	279982.27	2.99

6.2.2.3 Egg Plant

It is one of the popular crop in Terai districts and commercially grown far and wide. However it is cultivated in small parts of land not in larger areas. The study has covered Improved Main Season Brinjal in 2 Terai Districts that is reported in the study.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Main Season Brinjal in 3 Terai districts is presented in the table no 19 below:

Table 19 Yield, Returns, Costs and Net Profit of Improved Mainseason Brinjal at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Dhanusa	26155.00	154202.40	418480.00	453135.38	418480.00	589.57	264277.60	285855.48	2.71
Nawalparasi	24895.00	148798.40	400809.50	430185.60	400809.50	597.70	252011.10	268939.70	2.69
Bardia	25760.00	149410.56	405720.00	431222.40	405720.00	580.01	256309.44	268931.84	2.72
Average	25603.33	150803.79	408336.50	438181.13	408336.50	589.10	257532.71	274575.67	2.71

6.2.2.4 Capsicum

It is one of the popular crops in Hill districts and however commercially grown far and wide from Hills to low lying plains of Terai. It is cultivated as the main season crop as well as off season crop. However it is cultivated in small parts of land not in larger areas. The study has covered total number of districts as 5 that is Improved Off Season Capsicum in 3 Hill districts and 2 Improved Main Season Terai district are reported in the study.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved off Season Capsicum in some Hill districts is presented in the table no 20 below:

Table 20 Yield, Returns, Costs and Net Profit of Improved Offseason Capsicum at Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Dhadhing	16756.00	143803.40	439845.00	444117.78	439845.00	858.22	296041.60	291936.38	3.06
Syangja	24465.00	199078.80	629973.75	634132.80	629973.75	813.73	430894.95	422821.50	3.16
Bhaktapur	26365.00	188567.40	697354.25	701177.18	697354.25	715.22	508786.85	499427.28	3.70
Average	22528.67	177149.87	589057.67	593142.59	589057.67	795.72	411907.80	404728.39	3.31

Similarly, the yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the

benefit cost ratio per hectare of Improved Main Season Capsicum in some Terai districts is presented in the table no 21 below:

Table 21 Yield, Returns, Costs and Net Profit of Improved Mainseason Capsicum at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Udaypur	16492.00	147803.26	366947.00	372554.28	366947.00	896.21	219143.74	216505.02	2.48
Dang	16585.00	139634.32	366528.50	373908.83	366528.50	841.93	226894.18	225982.01	2.62
Average	16538.50	143718.79	366737.75	373231.55	366737.75	869.07	223018.96	221243.51	2.55

6.2.1 Root Crops

There are many kinds of vegetables that falls under the category of the root crops. However it was not possible to cover up all the root crops been cultivated. The study has only taken an account of the Carrot and Radish under the study.

6.2.1.1 Carrot

Under this crop, the study has altogether surveyed 6 districts with 3 in improved irrigated main season and 3 with improved irrigated offseason carrot covering both Mid Hills and Terai districts.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Irrigated Main Season Carrot in some Hill and Terai districts is presented in the table no 22 below:

Table 22 Yield, Returns, Costs and Net Profit of Improved Irrigated Mainseason Carrot Capsicum at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Dhadhing	12150.00	173033.90	273375.00	268363.13	273375.00	1424.15	100341.10	92899.23	1.58
Illam	12345.00	171751.40	269738.25	270911.03	269738.25	1391.26	97986.85	96690.63	1.57
Sarlahi	10050.00	112644.20	193462.50	212909.25	193462.50	1120.84	80818.30	98255.05	1.72
Average	11515.00	152476.50	245525.25	250727.80	245525.25	1312.08	93048.75	95948.30	1.62

Similarly, the yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Irrigated off season Carrot in some Terai and Hill districts is presented in the table no 23 below:

Table 23 Yield, Returns, Costs and Net Profit of Improved Irrigated Offseason Carrot Capsicum at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Kaski	12180.00	193980.20	344085.00	369114.90	344085.00	1592.61	150104.80	172698.70	1.77
Kapilwastu	11750.00	184741.00	262025.00	295248.13	262025.00	1572.26	77284.00	108157.13	1.42
Kailali	11985.00	186461.40	266666.25	299445.23	266666.25	1555.79	80204.85	110586.83	1.43
Average	11971.67	188394.20	290925.42	321269.42	290925.42	1573.56	102531.22	130480.88	1.54

6.2.1.2 Radish

Under this crop, the study has altogether surveyed 6 districts with improved un-irrigated main season Radish covering some Mid Hill districts.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of with improved un-irrigated main season Radish in some Hill districts is presented in the table no 24 below:

Table 24 Yield, Returns, Costs and Net Profit of Improved Mainseason Radish at Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Dhankuta	21550.00	114165.24	325405.00	358268.75	325405.00	529.77	211239.76	239793.51	2.85
Dhadhing	20356.00	127621.80	315518.00	338418.50	315518.00	626.95	187896.20	206725.50	2.47
Salyan	22122.00	116422.60	365013.00	383540.18	365013.00	526.28	248590.40	262693.18	3.14
Makwanpur	23290.00	137384.80	372640.00	398259.00	372640.00	589.89	235255.20	256216.20	2.71
Lalitpur	18765.00	148335.00	329325.75	352078.31	329325.75	790.49	180990.75	199990.31	2.22
Jajarkot	18635.00	112966.00	286047.25	320428.83	286047.25	606.20	173081.25	203735.83	2.53
Average	20786.33	126149.24	332324.83	358498.93	332324.83	611.60	206175.59	228192.42	2.65

6.2.2 Cucurbits Crops

There are many kinds of cucurbit crops that fall under the category and cultivated far and wide. Commercially grown cucurbits are in plenty in numbers. It was impossible to cover up all the crops that are cultivated thus the study has only taken an account of the Pointed Gourd, Bitter Gourd and Cucumber were mainly popular amongst the farmers and it was thus covered under the study.

6.2.2.1 Pointed Gourd

Pointed Gourd is one of the perennial crops amongst the cucurbits and it's cultivated mainly through cuttings of vines and seedlings. It is one of the popular crops amongst the farming community in Terai regions. The crop is perennial thus the benefit cost ratio seems higher in the first year however it gives more returns in consecutive years. The study has focused on the first year of the plantation.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of with improved irrigated main season Pointed Gourd in some Terai districts is presented in the table no 25 below:

Table 25 Yield, Returns, Costs and Net Profit of Improved Irrigated Mainseason Pointed Gourd at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Kailali	14894.00	165333.50	323944.50	360807.15	323944.50	1110.07	158611.00	188026.65	1.96
Saptari	14620.00	168281.60	299710.00	335419.35	299710.00	1151.04	131428.40	159827.75	1.78
Kapilwastu	14732.00	165271.30	302742.60	344986.61	302742.60	1121.85	137471.30	178242.11	1.83
Average	14748.67	166295.47	308799.03	347071.04	308799.03	1127.65	142503.57	175365.50	1.86

6.3.2.2 Bitter Gourd

It is one of the popular crops in Mid Hills and Terai regions and has good returns upon thinking on the benefit cost ratio and very popular amongst the consumers because of its positive medicinal effects for the patients of diabetes and blood pressure. The study has covered 4 districts out of which 3 in Terai and 1 in Mid Hill under improved Main Season condition.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of with improved irrigated main season Bitter Gourd in some Mid Hill and Terai districts is presented in the table no 26 below:

Table 26 Yield, Returns, Costs and Net Profit of Improved Main season Bitter Gourd at Some Districts:

Districts	Yield Kg/Ha	Total Cost Rs/Ha	Value of Main Product		Gross Income Farmgate Rs/Ha	Costs Rs/Qt	Net Profits		Benefit Cost Ratio
			Farmgate Rs/Ha	Market Rs/Ha			Farmgate Rs/Ha	Market Rs/Ha	
	Sarlahi	18955.00	117380.04	362040.50	425871.46	362040.50	619.26	244660.46	
Dhadhing	18895.00	124673.53	402463.50	457731.38	402463.50	659.82	277789.98	323610.35	3.23
Saptari	18265.00	113847.30	362560.25	408633.71	362560.25	623.31	248712.95	285653.91	3.18
Dadeldhura	17890.00	100946.30	344382.50	394295.60	344382.50	564.26	243436.20	284404.30	3.41
Average	18501.25	114211.79	367861.69	421633.04	367861.69	616.66	253649.90	298170.62	3.23

6.3.2.3 Cucumber

It is one of the popular summer crops however it is cultivated as an offseason crop as well in mid hills regions yielding good returns on analyzing the benefit cost ratio. It is very popular amongst the consumers and consumed basically raw as a salad or pickle. The study has covered 4 districts out of which 1 in Terai and 3 in Mid Hill under improved Main Season condition.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of with improved irrigated main season Cucumber in some Mid Hill and Terai districts is presented in the table no 27 below:

Table 27 Yield, Returns, Costs and Net Profit of Improved Mainseason Cucumber at Some Districts:

Districts	Yield Kg/Ha	Total Cost Rs/Ha	Value of Main Product		Gross Income Farmgate Rs/Ha	Costs Rs/Qt	Net Profits		Benefit Cost Ratio
			Farmgate Rs/Ha	Market Rs/Ha			Farmgate Rs/Ha	Market Rs/Ha	
	Chitwan	30425.00	302441.90	646531.25	686464.06	646531.25	994.06	344089.35	
Tanahun	20589.00	196704.40	411780.00	440089.88	411780.00	955.39	215075.60	233090.98	2.09
Kathmandu	21565.00	233625.40	490603.75	508071.40	490603.75	1083.35	256978.35	263663.50	2.10
Dhankuta	25430.00	226234.60	546745.00	561685.13	546745.00	889.64	320510.40	322735.53	2.42
Average	24502.25	239751.58	523915.00	549077.62	523915.00	980.61	284163.43	297074.92	2.19

6.3.2.4 Okra

It is one of the popular summer crops however it is cultivated as a main season crop as well in mid hills and terai regions yielding good returns on analyzing the benefit cost ratio. It is very popular amongst the consumers and consumed basically raw as a vegetable. The study has covered 3 districts out of which 1 in Hill and 2 in Terai under improved Main Season condition.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost ratio per hectare of with improved irrigated main season Okra in some Mid Hill and Terai districts is presented in the table no 28 below:

Table 28 Yield, Returns, Costs and Net Profit of Improved Mainseason Okra at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Illam	10890.00	104583.00	231412.50	247965.30	231412.50	960.36	126829.50	137937.30	2.21
Kapilwastu	12560.00	114405.80	253712.00	279774.00	253712.00	910.87	139306.20	159088.20	2.22
Banke	12610.00	121689.40	254091.50	279185.40	254091.50	965.02	132402.10	151191.00	2.09
Average	12020.00	113559.40	246405.33	268974.90	246405.33	945.42	132845.93	149405.50	2.17

6.3.3 Cole Crops

There are many Cole Crops been cultivated commercially in the far and wide. However the Cauliflower and the Cabbage are the most popular and cultivated far and wide. The study has taken an account of the two crops that is been described below.

6.3.3.1 Cauliflower

The cauliflower is one of the popular vegetables. The productivity of the crop mainly depends upon the seed type despite of the similar management and field conditions. There are numerous varieties that can be regarded as the early main season and late season. Under the study the early and the late seasonal varieties are reported under the off season and one that is cultivated in mid winter is regarded as main season. Under the study, the total number of districts covered is 5 however under the Improved Main Season Cauliflower 3 and under improved offseason Cauliflower 2 districts from both Mid Hills and Terai has been reported.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal, net profit at the farm and market levels and the benefit cost

ratio per hectare of Improved Main Season Cauliflower in some districts is presented in the table no 29 below:

Table 29 Yield, Returns, Costs and Net Profit of Improved Mainseason Cauliflower at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Bardia	16820.00	151091.20	315375.00	345146.40	315375.00	898.28	164283.80	189850.20	2.09
Baglung	16143.00	143961.08	303488.40	339689.08	303488.40	891.79	159527.32	191692.25	2.11
Chitwan	16875.00	174151.40	345093.75	386353.13	345093.75	1032.01	170942.35	207982.98	1.98
Average	16612.67	156401.23	321319.05	357062.87	321319.05	940.69	164917.82	196508.47	2.06

Similarly, the yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal net profit at the farm and market levels and the benefit cost ratio per hectare of Improved off Season Cauliflower in some districts is presented in the table no 30 below:

Table 30 Yield, Returns, Costs and Net Profit of Improved Offseason Cauliflower at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Kavrepalanchok	16850.00	163274.40	421250.00	460215.63	421250.00	968.99	257975.60	292728.73	2.58
Dhanusa	8865.00	140043.84	252652.50	272864.70	252652.50	1579.74	112608.66	130604.61	1.80
Average	12857.50	151659.12	336951.25	366540.16	336951.25	1274.36	185292.13	211666.67	2.19

6.3.4.2 Cabbage

The cabbage is one of the popular Cole vegetable crops. The productivity of the crop mainly depends upon the seed type despite of the similar management and field conditions. There are numerous varieties that can be regarded as the early main season and late season. Under the study the early and the late seasonal varieties are reported under the off season and one that is cultivated in mid winter is regarded as main season.

Under the study, the total number of districts covered is 5 however under the Improved Main Season Cabbage have been accounted in 1 Terai and 4 Hill districts.

The yield, total costs, value of main product at farm gate and market, gross income at farm gate, cost per quintal net profit at the farm and market levels and the benefit cost ratio per hectare of Improved Main Season Cabbage in some districts is presented in the table no 31 below:

Table 31 Yield, Returns, Costs and Net Profit of Improved Main season Cabbage at Some Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost Ratio
			Farmgate	Market			Farmgate	Market	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Rs/Ha	
Kanchanpur	24355.00	136884.80	345841.00	378294.04	345841.00	562.04	208956.20	235320.49	2.53
Makwanpur	25122.00	147599.68	326586.00	363954.98	326586.00	587.53	178986.32	210074.80	2.21
Arghakhachi	24872.00	138327.48	328310.40	372147.30	328310.40	556.16	189982.92	227601.82	2.37
Parbat	25752.00	135346.40	334776.00	397546.50	334776.00	525.58	199429.60	255762.10	2.47
Ilam	24753.00	146422.20	315600.75	365663.69	315600.75	591.53	169178.55	213053.24	2.16
Average	24970.80	140916.11	330222.83	375521.30	330222.83	564.57	189306.72	228362.49	2.35

6.4 Industrial Crops

Despite of the fact, that there are numerous industrial crops been accounted and recognized by the state. Those crops have been covered in other studies that have been carried out by this program office. Only Sugarcane and Cotton has been incorporated in this study.

6.4.1 Sugarcane

The survey was carried out in 5 Terai districts with improved and irrigated conditions taking an account of the main season crop and the ratoon crop which is presented in the tables below.

The yield, total costs, value of main product at farm gate, gross income at farm gate, cost per quintal, net profit at the farm levels and the benefit cost ratio per hectare of Improved Irrigated Main Season of Sugarcane in some Terai districts is presented in the table no 32 below:

Table 32 Yield, Returns, Costs and Net Profit of Improved Irrigated Main Season Sugarcane at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product	Gross Income	Costs	Net Profits	Benefit Cost Ratio
			Farmgate			Farmgate	
	Qtl/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	
Morang	470.00	138959.16	193640.00	193640.00	295.66	54680.84	1.39
Siraha	472.00	138454.40	194464.00	194464.00	293.34	56009.60	1.40
Parsa	474.00	139180.68	195288.00	195288.00	293.63	56107.32	1.40
Rupandehi	473.00	137564.20	194876.00	194876.00	290.83	57311.80	1.42
Kailali	470.00	139567.56	193640.00	193640.00	296.95	54072.44	1.39
Average	471.80	138745.20	194381.60	194381.60	294.08	55636.40	1.40

Similarly, the yield, total costs, value of main product at farm gate, gross income at farm gate, cost per quintal, net profit at the farm levels and the benefit cost ratio per hectare of Improved Irrigated Ratoon Season of Sugarcane in some Terai districts is presented in the table no 33 below:

Table 33 Yield, Returns, Costs and Net Profit of Improved Irrigated Ratoon Sugarcane at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product	Gross Income	Costs	Net Profits	Benefit Cost Ratio
			Farmgate			Farmgate	
	Kgl/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	
Sunsari	372.00	60507.1	171492.0	171492.00	162.7	110984.9	2.83
Mahottari	376.00	60754.1	173336.0	173336.00	161.6	112581.9	2.85
Rautahat	372.00	60402.7	171492.0	171492.00	162.4	111089.3	2.84
Nawalparasi	368.00	59277.1	169648.0	169648.00	161.1	110370.9	2.86
Average	372.80	60235.3	171492.0	171492.60	161.9	111256.7	2.85

6.4.2 Cotton

The survey was carried out in 2 Terai districts with improved and rain fed conditions taking an account of the main season crop which is presented in the tables below.

The yield, total costs, value of main product at farm gate, gross income at farm gate, cost per quintal, net profit at the farm levels and the benefit cost ratio per hectare of Improved Rain Fed Main Season of Cotton in some Terai districts is presented in the table no 34 below:

Table 34 Yield, Returns, Costs and Net Profit of Improved Unrrigated Cotton at Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product	Gross Income Farmgate	Costs	Net Profits	Benefit Cost
			Farmgate			Farmgate	
	Kg/Ha	Rs/Ha	Rs/Ha	Rs/Ha	Rs/Qt	Rs/Ha	Ratio/Ha
Dang	1080.00	72425.40	81000.00	81000.00	6706.06	8574.60	1.12
Banke	1085.00	78873.24	84630.00	84630.00	7269.42	5756.76	1.07
Average	1082.50	75649.32	82815.00	82815.00	6987.74	7165.68	1.10

7. Recommendations

The major findings of the study have initiated to forward some points as recommendation mainly with the view of profit maximization and lowering the cost of cultivation with sustainable agricultural sector through respective crop directorates and marketing directorates under the Department of Agriculture and other stakeholders of agriculture extension.

- Increase profit margins by reducing production costs.
- Decrease production costs by increasing appropriate farm mechanization activities.
- Enhance human labor capacity by trainings to improve working efficiency.
- Adopt better crop production planning.
- Judicial use of factors of production function.
- Make easy availability of production input in time
- Use market price information so as to manage broader marketing opportunities.
- Increase in agriculture product quality and volume as per the market needs regularly.
- Determine the scale of production so as to increase the profit levels at nominal costs.
- Keep records of Production and Marketing Costs along with profit margins.
- Need to develop core competency of different layers of agriculture extension workers (extension, plant protection, horticulture, spices, oilseed crops, market facilitation, etc.)
- Train the farmer, extension workers & entrepreneur to upgrade their skill & knowledge as well as supports for different categories of value addition activities through appropriate policy frameworks
- Provide Minimum Support Price facilities to motivate producers

AVERAGE COST OF PRODUCTION & PROFIT MARGIN PER HECTARE

DISTRICT: Panchthar

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63495.90
a. Human Labour	Day	112.00	375.00	42000.00
b. Bullock Labour	Day	13.00	650.00	8450.00
c. Power Tiller Use	Hour	2.00	500.00	1000.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	19.00	100.00	1900.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	42.00	45.00	1890.00
h. Manure	Kg.	1195.00	1.25	1493.75
i. Fertilizer				
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			620.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2442.15
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			63722.90
<u>4. Gross Income</u>	<u>Rs.</u>			71330.50
a. Main Product	Kg.	3310.00	20.45	67689.50
b. By-Product	Kg.	3641.00	1.00	3641.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			7607.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1815.16
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			397.20
<u>2. Value at Market</u>	<u>Kg.</u>	3045.20	23.50	71562.20
<u>3. Net Profit</u>	<u>Rs.</u>			7210.40

AVERAGE COST OF PRODUCTION & PROFIT MARGIN PER HECTARE

DISTRICT: Udayapur

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			69440.80
a. Human Labour	Day	122.00	425.00	51850.00
b. Bullock Labour	Day	10.00	650.00	6500.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	0.00	0.00	0.00
g. Seed	Kg.	50.00	40.00	2000.00
h. Manure	Kg.	1056.00	1.25	1320.00
i. Fertilizer				
DAP	Kg.	0.00	0.00	0.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			600.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2670.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			69680.80
<u>4. Gross Income</u>	<u>Rs.</u>			79483.20
a. Main Product	Kg.	3426.00	22.10	75714.60
b. By-Product	Kg.	3768.60	1.00	3768.60
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			9802.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1923.88
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			411.12
<u>2. Value at Market</u>	<u>Kg.</u>	3151.92	25.05	78955.60
<u>3. Net Profit</u>	<u>Rs.</u>			9391.28

AVERAGE COST OF PRODUCTION & PROFIT MARGIN PER HECTARE

DISTRICT: Dhankuta

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61657.44
a. Human Labour	Day	109.00	375.00	40875.00
b. Bullock Labour	Day	14.00	625.00	8750.00
c. Tractor Use	Hour			
d. Pumpset Use	Hour			
e. Thresher Use	Hour	15.00	100.00	1500.00
f. Sprayer Use	Hour	10.00	25.00	250.00
g. Seed	Kg.	42.00	45.00	1890.00
h. Manure	Kg.	1056.00	1.00	1056.00
i. Fertilizer				
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	40.00	24.00	960.00
Potash	Kg.	10.00	36.00	360.00
J. Plant Protection Chemical	Rs.			645.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2371.44
<u>2. Fixed Cost</u>	<u>Rs.</u>			236.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			61893.44
<u>4. Gross Income</u>	<u>Rs.</u>			67946.00
a. Main Product	Kg.	3205.00	20.10	64420.50
b. By-Product	Kg.	3525.50	1.00	3525.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			6052.56
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1821.15
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			384.60
<u>2. Value at Market</u>	<u>Rs.</u>	2948.60	23.15	68260.09
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			70088.46

AVERAGE COST OF PRODUCTION & PROFIT MARGIN PER HECTARE

DISTRICT: Gorkha

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			68585.92
a. Human Labour	Day	121.00	380.00	45980.00
b. Bullock Labour	Day	16.00	700.00	11200.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	14.00	100.00	1400.00
f. Sprayer Use	Hour	9.00	20.00	180.00
g. Seed	Kg.	45.00	50.00	2250.00
h. Manure	Kg.	1188.00	1.00	1188.00
i. Fertilizer				
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2637.92
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			42.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			68812.92
<u>4. Gross Income</u>	<u>Rs.</u>			75363.75
a. Main Product	Kg.	3150.00	22.55	71032.50
b. By-Product	Kg.	3465.00	1.25	4331.25
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			6550.83
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2047.04
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			378.00
<u>2. Value at Market</u>	<u>Rs.</u>	2898.00	24.35	70566.30
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			6172.83

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kaski

Crop: Paddy
Variety: Lokal/Ekle Jaat

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			83089.50
a. Human Labour	Day	124.00	425.00	52700.00
b. Bullock Labour	Day	13.00	600.00	7800.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour	6.00	200.00	1200.00
e. Thresher Use	Hour	15.00	100.00	1500.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	45.00	70.00	3150.00
h. Manure	Kg.	4625.00	1.75	8093.75
i. Fertilizer				
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.			0.00
j. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			3195.75
<u>2. Fixed Cost</u>	<u>Rs.</u>			353.00
a. Land Tax	Rs.			65.00
b. Water Tax	Rs.			40.00
c. Depreciation of Farm Equipment	Rs.			110.00
d. Repair & Maintenance of Farm Equipment	Rs.			138.00
<u>3. Total Cost</u>	<u>Rs.</u>			83442.50
<u>4. Gross Income</u>	<u>Rs.</u>			98285.50
a. Main Product	Kg.	2635.00	35.00	92225.00
b. By-Product	Kg.	3030.25	2.00	6060.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			14843.00
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2936.70
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			316.20
<u>2. Value at Market</u>	<u>Kg.</u>	2424.20	40.20	97452.84
<u>3. Net Profit</u>	<u>Rs.</u>			19754.64

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Myagdi

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61611.68
a. Human Labour	Day	114.00	375.00	42750.00
b. Bullock Labour	Day	12.00	575.00	6900.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	43.00	60.00	2580.00
h. Manure	Kg.	1082.00	1.00	1082.00
i. Fertilizer				
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			480.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2369.68
<u>2. Fixed Cost</u>	<u>Rs.</u>			233.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			89.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			61844.68
<u>4. Gross Income</u>	<u>Rs.</u>			71913.60
a. Main Product	Kg.	3168.00	21.60	68428.80
b. By-Product	Kg.	3484.80	1.00	3484.80
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			10068.92
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1842.17
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			380.16
<u>2. Value at Market</u>	<u>Kg.</u>	2914.56	25.00	72864.00
<u>3. Net Profit</u>	<u>Rs.</u>			9688.76

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Gulmi

Crop: Paddy
Variety: Local/Ekle Jaat

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			68619.20
a. Human Labour	Day	121.00	380.00	45980.00
b. Bullock Labour	Day	12.00	660.00	7920.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	44.00	70.00	3080.00
h. Manure	Kg.	3200.00	1.00	3200.00
i. Fertilizer				
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.			0.00
j. Plant Protection Chemical	Rs.			
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2639.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			91.00
<u>3. Total Cost</u>	<u>Rs.</u>			68860.20
<u>4. Gross Income</u>	<u>Rs.</u>			90182.00
a. Main Product	Kg.	2680.00	32.00	85760.00
b. By-Product	Kg.	2948.00	1.50	4422.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			21321.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2404.41
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			321.60
<u>2. Value at Market</u>	<u>Kg.</u>	2465.60	36.00	88761.60
<u>3. Net Profit</u>	<u>Rs.</u>			24001.80

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Tanahu

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65321.10
a. Human Labour	Day	114.00	375.00	42750.00
b. Bullock Labour	Day	14.00	675.00	9450.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	46.00	65.00	2990.00
h. Manure	Kg.	1095.00	1.25	1368.75
<u>i. Fertilizer</u>				
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2512.35
<u>2. Fixed Cost</u>	<u>Rs.</u>			251.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Depreciation of Farm Equipment	Rs.			86.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			65572.10
<u>4. Gross Income</u>	<u>Rs.</u>			73735.20
a. Main Product	Kg.	3192.00	22.00	70224.00
b. By-Product	Kg.	3511.20	1.00	3511.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			8163.10
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1944.26
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			383.04
<u>2. Value at Market</u>	<u>Kg.</u>	2936.64	25.05	73562.83
<u>3. Net Profit</u>	<u>Rs.</u>			7780.06

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhajhang

Crop: Paddy

Year: 2015/2016

Variety: Local

Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			59081.10
a. Human Labour	Day	122.00	350.00	42700.00
b. Bullock Labour	Day	10.00	550.00	5500.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	14.00	100.00	1400.00
f. Sprayer Use	Hour	9.00	20.00	180.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	1055.00	1.25	1318.75
i. Fertilizer				
DAP	Kg.	15.00	50.00	750.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2272.35
<u>2. Fixed Cost</u>	<u>Rs.</u>			225.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			87.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			59306.10
<u>4. Gross Income</u>	<u>Rs.</u>			68413.13
a. Main Product	Kg.	2675.00	24.20	64735.00
b. By-Product	Kg.	2942.50	1.25	3678.13
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			9107.03
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2079.55
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			321.00
<u>2. Value at Market</u>	<u>Rs.</u>	2461.00	28.10	69154.10
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			8786.03

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Doti

Crop: Paddy
Variety: Local

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58724.64
a. Human Labour	Day	112.00	350.00	39200.00
b. Bullock Labour	Day	14.00	525.00	7350.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	45.00	65.00	2925.00
h. Manure	Kg.	1071.00	1.00	1071.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	10.00	36.00	360.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2258.64
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			82.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			58951.64
<u>4. Gross Income</u>	<u>Rs.</u>			68251.20
a. Main Product	Kg.	2892.00	22.50	65070.00
b. By-Product	Kg.	3181.20	1.00	3181.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			9299.56
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1928.44
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			347.04
<u>2. Value at Market</u>	<u>Kg.</u>	2660.64	25.35	67447.22
<u>3. Net Profit</u>	<u>Rs.</u>			8952.52

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jhapa

Crop: Chaite Paddy
Variety: Radha-12

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			66461.20
a. Human Labour	Day	105.00	400.00	42000.00
b. Bullock Labour	Day	2.00	750.00	1500.00
c. Tractor Use	Hour	6.00	900.00	5400.00
d. Pumpset Use	Hour	10.00	200.00	2000.00
e. Thresher Use	Hour	16.00	200.00	3200.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	990.00	1.00	990.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	15.00	35.00	525.00
Zinc	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			430.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2556.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			287.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			66748.20
<u>4. Gross Income</u>	<u>Rs.</u>			80620.50
a. Main Product	Kg.	3785.00	20.15	76267.75
b. By-Product	Kg.	4352.75	1.00	4352.75
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13872.30
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1648.49
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			454.20
<u>2. Value at Market</u>	<u>Kg.</u>	3482.20	23.10	80438.82
<u>3. Net Profit</u>	<u>Rs.</u>			17589.17

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Mahottari

Crop: Chaite Paddy
Variety: Mithila

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			60242.00
a. Human Labour	Day	104.00	375.00	39000.00
b. Bullock Labour	Day	2.00	675.00	1350.00
c. Tractor Use	Hour	6.00	900.00	5400.00
d. Pumpset Use	Hour	4.00	200.00	800.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	920.00	1.25	1150.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	10.00	35.00	350.00
Zinc	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			425.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2317.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			268.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			60510.00
<u>4. Gross Income</u>	<u>Rs.</u>			78610.38
a. Main Product	Kg.	3545.00	20.45	72495.25
b. By-Product	Kg.	4076.75	1.50	6115.13
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			18100.38
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1534.41
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			425.40
<u>2. Value at Market</u>	<u>Kg.</u>	3261.40	23.55	76805.97
<u>3. Net Profit</u>	<u>Rs.</u>			21985.70

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nawalparasi

Crop: Chaite Paddy
Variety: Rampur Masuli

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65488.80
a. Human Labour	Day	104.00	390.00	40560.00
b. Bullock Labour	Day	2.00	625.00	1250.00
c. Tractor Use	Hour	6.00	975.00	5850.00
d. Pumpset Use	Hour	7.00	250.00	1750.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	50.00	70.00	3500.00
h. Manure	Kg.	985.00	1.00	985.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			490.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2518.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			276.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			65764.80
<u>4. Gross Income</u>	<u>Rs.</u>			87788.75
a. Main Product	Kg.	3950.00	20.50	80975.00
b. By-Product	Kg.	4542.50	1.50	6813.75
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			22023.95
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1492.43
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			474.00
<u>2. Value at Market</u>	<u>Kg.</u>	3634.00	23.35	84853.90
<u>3. Net Profit</u>	<u>Rs.</u>			25428.85

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Chaite Paddy
Variety: Bindeshwori

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63856.00
a. Human Labour	Day	105.00	375.00	39375.00
b. Bullock Labour	Day	2.00	675.00	1350.00
c. Tractor Use	Hour	8.00	900.00	7200.00
d. Pumpset Use	Hour	10.00	200.00	2000.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	15.00	20.00	300.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	975.00	1.00	975.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	24.00	960.00
Potash	Kg.	15.00	36.00	540.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2456.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			266.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			64122.00
<u>4. Gross Income</u>	<u>Rs.</u>			77981.60
a. Main Product	Kg.	3644.00	20.25	73791.00
b. By-Product	Kg.	4190.60	1.00	4190.60
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13859.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1644.66
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			437.28
<u>2. Value at Market</u>	<u>Kg.</u>	3352.48	23.25	77945.16
<u>3. Net Profit</u>	<u>Rs.</u>			17576.48

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kanchanpur

Crop: Chaite Paddy
Variety: Rampur Masuli

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			67433.60
a. Human Labour	Day	107.00	400.00	42800.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Tractor Use	Hour	5.00	875.00	4375.00
d. Pumpset Use	Hour	10.00	225.00	2250.00
e. Thresher Use	Hour	5.00	875.00	4375.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	50.00	60.00	3000.00
h. Manure	Kg.	980.00	1.00	980.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	10.00	36.00	360.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			450.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2593.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			260.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			67693.60
<u>4. Gross Income</u>	<u>Rs.</u>			81366.00
a. Main Product	Kg.	3820.00	20.15	76973.00
b. By-Product	Kg.	4393.00	1.00	4393.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13672.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1657.08
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			458.40
<u>2. Value at Market</u>	<u>Kg.</u>	3514.40	23.25	81709.80
<u>3. Net Profit</u>	<u>Rs.</u>			17950.80

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sunsari

Crop: Aromatic Paddy
Variety: Basmati

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63800.00
a. Human Labour	Day	105.00	400.00	42000.00
b. Bullock Labour	Day	2.00	750.00	1500.00
c. Tractor Use	Hour	6.00	900.00	5400.00
d. Pumpset Use	Hour	9.00	200.00	1800.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	55.00	75.00	4125.00
h. Manure	Kg.	1185.00	1.00	1185.00
i. Fertilizer	Kg.			
DAP	Kg.	50.00	50.00	2500.00
Urea	Kg.	80.00	25.00	2000.00
Potash	Kg.	30.00	35.00	1050.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			765.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			16403.82
<u>2. Fixed Cost</u>	<u>Rs.</u>			275.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			32.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			67968.60
<u>4. Gross Income</u>	<u>Rs.</u>			153040.95
a. Main Product	Kg.	3582.00	41.00	146862.00
b. By-Product	Kg.	4119.30	1.50	6178.95
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			85072.35
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1725.00
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			429.84
<u>2. Value at Market</u>	<u>Kg.</u>	3295.44	45.00	148294.80
<u>3. Net Profit</u>	<u>Rs.</u>			86075.31

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nawalparasi

Crop: Aromatic Paddy
Variety: Kalanamak

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			70215.60
a. Human Labour	Day	107.00	390.00	41730.00
b. Bullock Labour	Day	2.00	625.00	1250.00
c. Tractor Use	Hour	6.00	975.00	5850.00
d. Pumpset Use	Hour	8.00	250.00	2000.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	50.00	70.00	3500.00
h. Manure	Kg.	1225.00	1.00	1225.00
i. Fertilizer	Kg.			
DAP	Kg.	50.00	50.00	2500.00
Urea	Kg.	80.00	25.00	2000.00
Potash	Kg.	30.00	36.00	1080.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			790.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2700.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			276.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			70491.60
<u>4. Gross Income</u>	<u>Rs.</u>			116182.63
a. Main Product	Kg.	3445.00	32.00	110240.00
b. By-Product	Kg.	3961.75	1.50	5942.63
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			45691.03
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1873.70
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			413.40
<u>2. Value at Market</u>	<u>Kg.</u>	3169.40	38.00	120437.20
<u>3. Net Profit</u>	<u>Rs.</u>			55474.83

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Lamjung

Crop: Aromatic Paddy
Variety: Sunaulo Sugandha

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			75160.80
a. Human Labour	Day	114.00	400.00	45600.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Power Tiller Use	Hour	14.00	550.00	7700.00
d. Pumpset Use	Hour	10.00	225.00	2250.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	50.00	75.00	3750.00
h. Manure	Kg.	1985.00	1.00	1985.00
i. Fertilizer	Kg.			
DAP	Kg.	45.00	50.00	2250.00
Urea	Kg.	75.00	25.00	1875.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			750.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2890.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			257.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			87.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			75417.80
<u>4. Gross Income</u>	<u>Rs.</u>			143418.50
a. Main Product	Kg.	3845.00	36.20	139189.00
b. By-Product	Kg.	4229.50	1.00	4229.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			68000.70
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1851.45
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			461.40
<u>2. Value at Market</u>	<u>Kg.</u>	3537.40	40.25	142380.35
<u>3. Net Profit</u>	<u>Rs.</u>			70730.65

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Paddy
Variety: Ganga Medium (Seed Production)

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			93340.00
a. Human Labour	Day	120.00	450.00	54000.00
b. Bullock Labour	Day	2.00	700.00	1400.00
c. Tractor Use	Hour	9.00	900.00	8100.00
d. Pumpset Use	Hour	4.00	900.00	3600.00
e. Thresher Use	Hour	8.00	500.00	4000.00
f. Sprayer Use	Hour	15.00	20.00	300.00
g. Seed	Kg.	32.00	155.00	4960.00
h. Manure	Kg.	1980.00	1.50	2970.00
i. Fertilizer	Kg.			
DAP	Kg.	55.00	51.00	2805.00
Urea	Kg.	85.00	25.00	2125.00
Potash	Kg.	30.00	38.00	1140.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			800.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			3590.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			93619.00
<u>4. Gross Income</u>	<u>Rs.</u>			190169.38
a. Main Product	Kg.	3475.00	53.00	184175.00
b. By-Product	Kg.	3996.25	1.50	5994.38
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			96550.38
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2521.57
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			417.00
<u>2. Value at Market</u>	<u>Kg.</u>	3197.00	60.00	191820.00
<u>3. Net Profit</u>	<u>Rs.</u>			103778.38

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sarlahi

Crop: Paddy
Variety: Radha-9 (Seed Production)

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			73741.20
a. Human Labour	Day	118.00	375.00	44250.00
b. Bullock Labour	Day	2.00	700.00	1400.00
c. Tractor Use	Hour	4.00	900.00	3600.00
d. Pumpset Use	Hour	20.00	200.00	4000.00
e. Thresher Use	Hour	4.00	500.00	2000.00
f. Sprayer Use	Hour	14.00	20.00	280.00
g. Seed	Kg.	30.00	120.00	3600.00
h. Manure	Kg.	2280.00	1.25	2850.00
i. Fertilizer	Kg.			
DAP	Kg.	45.00	50.00	2250.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	25.00	35.00	875.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			750.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2836.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			260.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			20.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			74001.20
<u>4. Gross Income</u>	<u>Rs.</u>			167041.88
a. Main Product	Kg.	3575.00	45.00	160875.00
b. By-Product	Kg.	4111.25	1.50	6166.88
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			93040.68
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1897.46
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			429.00
<u>2. Value at Market</u>	<u>Kg.</u>	3289.00	52.00	171028.00
<u>3. Net Profit</u>	<u>Rs.</u>			102764.68

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sunsari

Crop: Paddy
Variety: Sabitri

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			66133.60
a. Human Labour	Day	105.00	400.00	42000.00
b. Bullock Labour	Day	2.00	750.00	1500.00
c. Tractor Use	Hour	5.00	900.00	4500.00
d. Pumpset Use	Hour	5.00	200.00	1000.00
e. Thresher Use	Hour	14.00	100.00	1400.00
f. Sprayer Use	Hour	13.00	20.00	260.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1390.00	1.00	1390.00
i. Fertilizer	Kg.			
DAP	Kg.	45.00	50.00	2250.00
Urea	Kg.	75.00	25.00	1875.00
Potash	Kg.	25.00	35.00	875.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			590.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2543.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			275.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			32.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			66408.60
<u>4. Gross Income</u>	<u>Rs.</u>			86899.75
a. Main Product	Kg.	3910.00	20.50	80155.00
b. By-Product	Kg.	4496.50	1.50	6744.75
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20491.15
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1525.93
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.20
<u>2. Value at Market</u>	<u>Kg.</u>	3597.20	23.35	83994.62
<u>3. Net Profit</u>	<u>Rs.</u>			23861.57

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jhapa

Crop: Paddy
Variety: Radha-12

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			72352.80
a. Human Labour	Day	107.00	400.00	42800.00
b. Bullock Labour	Day	2.00	750.00	1500.00
c. Tractor Use	Hour	7.00	900.00	6300.00
d. Pumpset Use	Hour	15.00	200.00	3000.00
e. Thresher Use	Hour	19.00	200.00	3800.00
f. Sprayer Use	Hour	7.00	20.00	140.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1345.00	1.00	1345.00
i. Fertilizer	Kg.			
DAP	Kg.	35.00	50.00	1750.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	25.00	35.00	875.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			610.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2782.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			287.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			72639.80
<u>4. Gross Income</u>	<u>Rs.</u>			89673.00
a. Main Product	Kg.	4210.00	20.15	84831.50
b. By-Product	Kg.	4841.50	1.00	4841.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			17033.20
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1610.41
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			505.20
<u>2. Value at Market</u>	<u>Kg.</u>	3873.20	23.10	89470.92
<u>3. Net Profit</u>	<u>Rs.</u>			21167.42

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Saptari

Crop: Paddy
Variety: Janaki

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			70241.60
a. Human Labour	Day	109.00	380.00	41420.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Tractor Use	Hour	10.00	900.00	9000.00
d. Pumpset Use	Hour	14.00	200.00	2800.00
e. Thresher Use	Hour	15.00	100.00	1500.00
f. Sprayer Use	Hour	6.00	20.00	120.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1210.00	1.00	1210.00
i. Fertilizer	Kg.			
DAP	Kg.	35.00	50.00	1750.00
Urea	Kg.	70.00	25.00	1750.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			590.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2701.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			263.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			20.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			70504.60
<u>4. Gross Income</u>	<u>Rs.</u>			89462.50
a. Main Product	Kg.	4210.00	20.10	84621.00
b. By-Product	Kg.	4841.50	1.00	4841.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			18957.90
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1559.69
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			505.20
<u>2. Value at Market</u>	<u>Kg.</u>	3873.20	23.15	89664.58
<u>3. Net Profit</u>	<u>Rs.</u>			23496.28

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Siraha

Crop: Paddy
Variety: Masuli

Year: 2015/2016
Condition: Irrigated

Particular	Unit	Quantity	Price	Value in Rs.
<u>A. AVERAGE COST OF PRODUCTION</u>				
1. Variable Cost	<u>Rs.</u>			61415.90
a. Human Labour	Day	105.00	375.00	39375.00
b. Bullock Labour	Day	2.00	675.00	1350.00
c. Tractor Use	Hour	4.00	900.00	3600.00
d. Pumpset Use	Hour	6.00	200.00	1200.00
e. Thresher Use	Hour	14.00	100.00	1400.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1075.00	1.25	1343.75
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	55.00	25.00	1375.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			600.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2362.15
2. Fixed Cost	<u>Rs.</u>			287.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			40.00
c. Depreciation of Farm Equipment	Rs.			97.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
3. Total Cost	<u>Rs.</u>			61702.90
4. Gross Income	<u>Rs.</u>			73980.00
a. Main Product	Kg.	3425.00	20.45	70041.25
b. By-Product	Kg.	3938.75	1.00	3938.75
5. Gross Profit at Farm Gate	<u>Rs.</u>			12277.10
6. Cost Per Quintal	<u>Rs.</u>			1686.54
<u>B. MARKETING COST & MARGIN</u>				
1. Marketing Cost	<u>Rs.</u>			411.00
2. Value at Market	<u>Kg.</u>	3151.00	23.65	74521.15
3. Net Profit	<u>Rs.</u>			16346.00

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Mahottari

Crop: Paddy
Variety: Mithila

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			64737.40
a. Human Labour	Day	106.00	375.00	39750.00
b. Bullock Labour	Day	2.00	675.00	1350.00
c. Tractor Use	Hour	6.00	900.00	5400.00
d. Pumpset Use	Hour	7.00	200.00	1400.00
e. Thresher Use	Hour	17.00	100.00	1700.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1210.00	1.25	1512.50
i. Fertilizer	Kg.			
DAP	Kg.	45.00	50.00	2250.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			575.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2489.90
<u>2. Fixed Cost</u>	<u>Rs.</u>			268.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			65005.40
<u>4. Gross Income</u>	<u>Rs.</u>			88300.85
a. Main Product	Kg.	3982.00	20.45	81431.90
b. By-Product	Kg.	4579.30	1.50	6868.95
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			23295.45
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1459.98
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			477.84
<u>2. Value at Market</u>	<u>Kg.</u>	3663.44	23.55	86274.01
<u>3. Net Profit</u>	<u>Rs.</u>			27659.72

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kavrepalanchok

Crop: Paddy
Variety: Khumal-2

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			71955.00
a. Human Labour	Day	101.00	400.00	40400.00
b. Bullock Labour	Day	4.00	650.00	2600.00
c. Power Tiller Use	Hour	12.00	550.00	6600.00
d. Pumpset Use	Hour	14.00	250.00	3500.00
e. Thresher Use	Hour	5.00	550.00	2750.00
f. Sprayer Use	Hour	10.00	25.00	250.00
g. Seed	Kg.	45.00	70.00	3150.00
h. Manure	Kg.	1310.00	1.25	1637.50
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	70.00	25.00	1750.00
Potash	Kg.	25.00	36.00	900.00
J. Plant Protection Chemical	Rs.			650.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2767.50
<u>2. Fixed Cost</u>	<u>Rs.</u>			309.00
a. Land Tax	Rs.			85.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			72264.00
<u>4. Gross Income</u>	<u>Rs.</u>			88288.50
a. Main Product	Kg.	4145.00	20.20	83729.00
b. By-Product	Kg.	4559.50	1.00	4559.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			16024.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1633.40
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			497.40
<u>2. Value at Market</u>	<u>Rs.</u>	3813.40	23.15	88280.21
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			99256.10

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Parsa

Crop: Paddy
Variety: Sabitri

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			64672.40
a. Human Labour	Day	106.00	380.00	40280.00
b. Bullock Labour	Day	2.00	575.00	1150.00
c. Tractor Use	Hour	5.00	850.00	4250.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	43.00	55.00	2365.00
h. Manure	Kg.	1180.00	1.00	1180.00
i. Fertilizer	Kg.			
DAP	Kg.	35.00	50.00	1750.00
Urea	Kg.	70.00	25.00	1750.00
Potash	Kg.	25.00	36.00	900.00
Zinc	Kg.	3.00	110.00	330.00
J. Plant Protection Chemical	Rs.			690.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2487.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			263.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			64935.40
<u>4. Gross Income</u>	<u>Rs.</u>			78088.75
a. Main Product	Kg.	3490.00	20.65	72068.50
b. By-Product	Kg.	4013.50	1.50	6020.25
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13153.35
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1688.11
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			418.80
<u>2. Value at Market</u>	<u>Kg.</u>	3210.80	23.70	76095.96
<u>3. Net Profit</u>	<u>Rs.</u>			16762.01

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhanusa

Crop: Paddy
Variety: Janaki

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65842.40
a. Human Labour	Day	108.00	375.00	40500.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Tractor Use	Hour	6.00	900.00	5400.00
d. Pumpset Use	Hour	8.00	200.00	1600.00
e. Thresher Use	Hour	5.00	500.00	2500.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1180.00	1.00	1180.00
i. Fertilizer	Kg.			
DAP	Kg.	40.00	49.00	1960.00
Urea	Kg.	60.00	23.00	1380.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			680.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2532.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			272.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			66114.40
<u>4. Gross Income</u>	<u>Rs.</u>			89495.45
a. Main Product	Kg.	3982.00	20.75	82626.50
b. By-Product	Kg.	4579.30	1.50	6868.95
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			23381.05
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1487.83
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			477.84
<u>2. Value at Market</u>	<u>Kg.</u>	3663.44	23.65	86640.36
<u>3. Net Profit</u>	<u>Rs.</u>			26917.07

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Paddy
Variety: Rampur Masuli

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			73574.80
a. Human Labour	Day	103.00	450.00	46350.00
b. Bullock Labour	Day	2.00	700.00	1400.00
c. Tractor Use	Hour	4.00	900.00	3600.00
d. Pumpset Use	Hour	4.00	900.00	3600.00
e. Thresher Use	Hour	7.00	500.00	3500.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	1010.00	1.50	1515.00
i. Fertilizer	Kg.			
DAP	Kg.	40.00	51.00	2040.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	38.00	760.00
Zinc	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			620.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2829.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			73853.80
<u>4. Gross Income</u>	<u>Rs.</u>			91447.83
a. Main Product	Kg.	3989.00	21.20	84566.80
b. By-Product	Kg.	4587.35	1.50	6881.03
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			17594.03
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1678.94
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			478.68
<u>2. Value at Market</u>	<u>Kg.</u>	3669.88	23.55	86425.67
<u>3. Net Profit</u>	<u>Rs.</u>			18974.22

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nawalparasi

Crop: Paddy
Variety: Radhakrishna-9

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			62750.48
a. Human Labour	Day	105.00	390.00	40950.00
b. Bullock Labour	Day	2.00	625.00	1250.00
c. Tractor Use	Hour	5.00	975.00	4875.00
d. Pumpset Use	Hour	6.00	250.00	1500.00
e. Thresher Use	Hour	14.00	100.00	1400.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1042.00	1.00	1042.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	15.00	36.00	540.00
J. Plant Protection Chemical	Rs.			555.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2413.48
<u>2. Fixed Cost</u>	<u>Rs.</u>			276.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			63026.48
<u>4. Gross Income</u>	<u>Rs.</u>			73872.80
a. Main Product	Kg.	3452.00	20.25	69903.00
b. By-Product	Kg.	3969.80	1.00	3969.80
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			10846.32
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1710.80
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			414.24
<u>2. Value at Market</u>	<u>Rs.</u>	3175.84	22.35	70980.02
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			10432.08

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rupandhehi

Crop: Paddy
Variety: Rampur Masuli

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65766.48
a. Human Labour	Day	107.00	400.00	42800.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Tractor Use	Hour	6.00	900.00	5400.00
d. Pumpset Use	Hour	7.00	200.00	1400.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	40.00	55.00	2200.00
h. Manure	Kg.	1287.00	1.00	1287.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	20.00	35.00	700.00
J. Plant Protection Chemical	Rs.			525.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2529.48
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			66033.48
<u>4. Gross Income</u>	<u>Rs.</u>			82283.00
a. Main Product	Kg.	3845.00	20.25	77861.25
b. By-Product	Kg.	4421.75	1.00	4421.75
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			16249.52
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1602.39
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			461.40
<u>2. Value at Market</u>	<u>Rs.</u>	3537.40	23.30	82421.42
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			15788.12

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Paddy
Variety: Janaki

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63476.40
a. Human Labour	Day	107.00	375.00	40125.00
b. Bullock Labour	Day	2.00	625.00	1250.00
c. Tractor Use	Hour	8.00	875.00	7000.00
d. Pumpset Use	Hour	5.00	200.00	1000.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	42.00	55.00	2310.00
h. Manure	Kg.	1010.00	1.00	1010.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	15.00	36.00	540.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2441.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			93.00
d. Repair & Maintenance of Farm Equipment	Rs.			99.00
<u>3. Total Cost</u>	<u>Rs.</u>			63747.40
<u>4. Gross Income</u>	<u>Rs.</u>			82680.00
a. Main Product	Kg.	3900.00	20.05	78195.00
b. By-Product	Kg.	4485.00	1.00	4485.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			18932.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1519.55
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			468.00
<u>2. Value at Market</u>	<u>Rs.</u>	3588.00	23.15	83062.20
<u>3. Net Profit: Marketing Margin</u>	<u>Rs.</u>			18464.60

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jumla

Crop: Paddy
Variety: Chandannath-3

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63058.32
a. Human Labour	Day	111.00	375.00	41625.00
b. Bullock Labour	Day	14.00	650.00	9100.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	45.00	70.00	3150.00
h. Manure	Kg.	1148.00	1.00	1148.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	48.00	960.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	10.00	34.00	340.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2425.32
<u>2. Fixed Cost</u>	<u>Rs.</u>			220.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			90.00
<u>3. Total Cost</u>	<u>Rs.</u>			63278.32
<u>4. Gross Income</u>	<u>Rs.</u>			103935.00
a. Main Product	Kg.	4225.00	23.50	99287.50
b. By-Product	Kg.	4647.50	1.00	4647.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			40656.68
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1387.71
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			507.00
<u>2. Value at Market</u>	<u>Kg.</u>	3887.00	26.65	103588.55
<u>3. Net Profit</u>	<u>Rs.</u>			40149.68

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Paddy
Variety: Bindeshwori

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65750.88
a. Human Labour	Day	106.00	375.00	39750.00
b. Bullock Labour	Day	2.00	675.00	1350.00
c. Tractor Use	Hour	8.00	900.00	7200.00
d. Pumpset Use	Hour	10.00	200.00	2000.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	15.00	20.00	300.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	1072.00	1.00	1072.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	24.00	1440.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			590.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2528.88
<u>2. Fixed Cost</u>	<u>Rs.</u>			266.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			66016.88
<u>4. Gross Income</u>	<u>Rs.</u>			85214.80
a. Main Product	Kg.	3982.00	20.25	80635.50
b. By-Product	Kg.	4579.30	1.00	4579.30
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19197.92
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1542.88
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			477.84
<u>2. Value at Market</u>	<u>Kg.</u>	3663.44	23.35	85541.32
<u>3. Net Profit</u>	<u>Rs.</u>			23625.90

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bardia

Crop: Paddy
Variety: Radhakrishna - 9

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63326.64
a. Human Labour	Day	107.00	375.00	40125.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Tractor Use	Hour	6.00	875.00	5250.00
d. Pumpset Use	Hour	5.00	225.00	1125.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	42.00	58.00	2436.00
h. Manure	Kg.	1080.00	1.00	1080.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	55.00	25.00	1375.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.	5.00	110.00	550.00
J. Plant Protection Chemical	Rs.			590.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2435.64
<u>2. Fixed Cost</u>	<u>Rs.</u>			286.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			63612.64
<u>4. Gross Income</u>	<u>Rs.</u>			78760.15
a. Main Product	Kg.	3689.00	20.20	74517.80
b. By-Product	Kg.	4242.35	1.00	4242.35
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			15147.51
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1609.39
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			442.68
<u>2. Value at Market</u>	<u>Kg.</u>	3393.88	23.40	79416.79
<u>3. Net Profit</u>	<u>Rs.</u>			19603.82

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kailali

Crop: Paddy
Variety: Rampur Masuli

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			68312.40
a. Human Labour	Day	105.00	390.00	40950.00
b. Bullock Labour	Day	4.00	650.00	2600.00
c. Tractor Use	Hour	5.00	900.00	4500.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour	5.00	900.00	4500.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	43.00	60.00	2580.00
h. Manure	Kg.	1150.00	1.00	1150.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			610.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2627.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			255.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			68567.40
<u>4. Gross Income</u>	<u>Rs.</u>			92016.00
a. Main Product	Kg.	4320.00	20.15	87048.00
b. By-Product	Kg.	4968.00	1.00	4968.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			23448.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1472.21
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			518.40
<u>2. Value at Market</u>	<u>Kg.</u>	3974.40	23.20	92206.08
<u>3. Net Profit</u>	<u>Rs.</u>			28088.28

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Taplejung

Crop: Paddy
Variety: Khumal 2

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			64139.40
a. Human Labour	Day	122.00	380.00	46360.00
b. Bullock Labour	Day	8.00	675.00	5400.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	19.00	100.00	1900.00
f. Sprayer Use	Hour	0.00	0.00	0.00
g. Seed	Kg.	48.00	65.00	3120.00
h. Manure	Kg.	1354.00	1.25	1692.50
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			450.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2466.90
<u>2. Fixed Cost</u>	<u>Rs.</u>			224.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			64363.40
<u>4. Gross Income</u>	<u>Rs.</u>			101091.65
a. Main Product	Kg.	4483.00	21.45	96160.35
b. By-Product	Kg.	4931.30	1.00	4931.30
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			36728.25
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1325.72
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			537.96
<u>2. Value at Market</u>	<u>Kg.</u>	4124.36	23.90	98572.20
<u>3. Net Profit</u>	<u>Rs.</u>			36190.29

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sindhupalchock

Crop: Paddy
Variety: Khumal 4

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			60372.00
a. Human Labour	Day	112.00	380.00	42560.00
b. Bullock Labour	Day	2.00	600.00	1200.00
c. Power Tiller Use	Hour	8.00	500.00	4000.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	0.00	0.00	0.00
g. Seed	Kg.	45.00	65.00	2925.00
h. Manure	Kg.	1080.00	1.00	1080.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	53.00	1325.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			460.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2322.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			228.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			89.00
d. Repair & Maintenance of Farm Equipment	Rs.			93.00
<u>3. Total Cost</u>	<u>Rs.</u>			60600.00
<u>4. Gross Income</u>	<u>Rs.</u>			92872.50
a. Main Product	Kg.	4350.00	20.25	88087.50
b. By-Product	Kg.	4785.00	1.00	4785.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			32272.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1283.10
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			522.00
<u>2. Value at Market</u>	<u>Kg.</u>	4002.00	23.40	93646.80
<u>3. Net Profit</u>	<u>Rs.</u>			31750.50

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sindhuli

Crop: Paddy
Variety: Radha 7

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			62093.20
a. Human Labour	Day	107.00	415.00	44405.00
b. Bullock Labour	Day	10.00	600.00	6000.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	40.00	65.00	2600.00
h. Manure	Kg.	1015.00	1.00	1015.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	35.00	25.00	875.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			470.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2388.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			99.00
<u>3. Total Cost</u>	<u>Rs.</u>			62334.20
<u>4. Gross Income</u>	<u>Rs.</u>			82256.00
a. Main Product	Kg.	3880.00	20.10	77988.00
b. By-Product	Kg.	4268.00	1.00	4268.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19921.80
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1496.55
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			465.60
<u>2. Value at Market</u>	<u>Kg.</u>	3569.60	23.15	82636.24
<u>3. Net Profit</u>	<u>Rs.</u>			19456.20

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Makwanpur

Crop: Paddy
Variety: Palung-2

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65405.60
a. Human Labour	Day	111.00	410.00	45510.00
b. Bullock Labour	Day	10.00	650.00	6500.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	43.00	60.00	2580.00
h. Manure	Kg.	1090.00	1.00	1090.00
i. Fertilizer	Kg.			
DAP	Kg.	35.00	51.00	1785.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			475.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2515.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			65645.60
<u>4. Gross Income</u>	<u>Rs.</u>			101807.50
a. Main Product	Kg.	4825.00	20.00	96500.00
b. By-Product	Kg.	5307.50	1.00	5307.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			36161.90
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1250.53
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			579.00
<u>2. Value at Market</u>	<u>Kg.</u>	4439.00	23.15	102762.85
<u>3. Net Profit</u>	<u>Rs.</u>			41845.75

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhaktapur

Crop: Paddy
Variety: Khumal 11

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			77079.60
a. Human Labour	Day	105.00	500.00	52500.00
b. Bullock Labour	Day	2.00	575.00	1150.00
c. Powe Tiller Use	Hour	12.00	500.00	6000.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	21.00	100.00	2100.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	45.00	68.00	3060.00
h. Manure	Kg.	1080.00	1.00	1080.00
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	55.00	25.00	1375.00
Potash	Kg.	25.00	36.00	900.00
J. Plant Protection Chemical	Rs.			750.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2964.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			120.00
<u>3. Total Cost</u>	<u>Rs.</u>			77344.60
<u>4. Gross Income</u>	<u>Rs.</u>			111305.00
a. Main Product	Kg.	4925.00	21.50	105887.50
b. By-Product	Kg.	5417.50	1.00	5417.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			33960.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1460.45
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			591.00
<u>2. Value at Market</u>	<u>Kg.</u>	4678.75	23.55	110184.56
<u>3. Net Profit</u>	<u>Rs.</u>			33369.40

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Myagdi

Crop: Paddy
Variety: Khumal-5

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65509.60
a. Human Labour	Day	118.00	375.00	44250.00
b. Bullock Labour	Day	12.00	675.00	8100.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	45.00	65.00	2925.00
h. Manure	Kg.	1165.00	1.00	1165.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	10.00	36.00	360.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			490.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2519.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			82.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			65736.60
<u>4. Gross Income</u>	<u>Rs.</u>			95007.50
a. Main Product	Kg.	4450.00	20.25	90112.50
b. By-Product	Kg.	4895.00	1.00	4895.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			29270.90
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1367.23
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			534.00
<u>2. Value at Market</u>	<u>Kg.</u>	4094.00	23.40	95799.60
<u>3. Net Profit</u>	<u>Rs.</u>			34424.00

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Surkhet

Crop: Paddy
Variety: Khumal - 8

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			62576.80
a. Human Labour	Day	116.00	350.00	40600.00
b. Bullock Labour	Day	5.00	575.00	2875.00
c. Power Tiller Use	Hour	12.00	550.00	6600.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	6.00	20.00	120.00
g. Seed	Kg.	40.00	60.00	2400.00
h. Manure	Kg.	1180.00	1.00	1180.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	35.00	25.00	875.00
Potash	Kg.	10.00	36.00	360.00
J. Plant Protection Chemical	Rs.			410.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2406.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			232.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			62808.80
<u>4. Gross Income</u>	<u>Rs.</u>			89992.50
a. Main Product	Kg.	4225.00	20.20	85345.00
b. By-Product	Kg.	4647.50	1.00	4647.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			27183.70
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1376.60
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			507.00
<u>2. Value at Market</u>	<u>Kg.</u>	3887.00	23.30	90567.10
<u>3. Net Profit</u>	<u>Rs.</u>			26676.70

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rukum

Crop: Paddy
Variety: Khumal-3

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61698.00
a. Human Labour	Day	116.00	375.00	43500.00
b. Bullock Labour	Day	10.00	575.00	5750.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	45.00	65.00	2925.00
h. Manure	Kg.	1110.00	1.00	1110.00
i. Fertilizer	Kg.			
DAP	Kg.	15.00	51.00	765.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	10.00	40.00	400.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			425.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2373.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			61939.00
<u>4. Gross Income</u>	<u>Rs.</u>			93874.40
a. Main Product	Kg.	4336.00	20.55	89104.80
b. By-Product	Kg.	4769.60	1.00	4769.60
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			31935.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1318.48
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			520.32
<u>2. Value at Market</u>	<u>Kg.</u>	3989.12	23.60	94143.23
<u>3. Net Profit</u>	<u>Rs.</u>			36453.51

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jajarkot

Crop: Paddy
Variety: Khumal-8

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61708.40
a. Human Labour	Day	112.00	375.00	42000.00
b. Bullock Labour	Day	12.00	600.00	7200.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	45.00	60.00	2700.00
h. Manure	Kg.	1185.00	1.00	1185.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	10.00	36.00	360.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2373.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			230.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			61938.40
<u>4. Gross Income</u>	<u>Rs.</u>			95050.20
a. Main Product	Kg.	4452.00	20.25	90153.00
b. By-Product	Kg.	4897.20	1.00	4897.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			33111.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1281.25
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			534.24
<u>2. Value at Market</u>	<u>Kg.</u>	4095.84	23.55	96457.03
<u>3. Net Profit</u>	<u>Rs.</u>			38881.59

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dadeldhura

Crop: Paddy
Variety: Rampur Masuli

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			60464.56
a. Human Labour	Day	108.00	375.00	40500.00
b. Bullock Labour	Day	4.00	550.00	2200.00
c. Tractor Use	Hour	5.00	550.00	2750.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	45.00	65.00	2925.00
h. Manure	Kg.	1064.00	1.00	1064.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	15.00	36.00	540.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2325.56
<u>2. Fixed Cost</u>	<u>Rs.</u>			226.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			86.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			60690.56
<u>4. Gross Income</u>	<u>Rs.</u>			86130.00
a. Main Product	Kg.	3915.00	20.90	81823.50
b. By-Product	Kg.	4306.50	1.00	4306.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			25439.44
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1440.21
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.80
<u>2. Value at Market</u>	<u>Kg.</u>	3601.80	24.10	86803.38
<u>3. Net Profit</u>	<u>Rs.</u>			24969.64

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhaktapur

Crop: Wheat
Variety: BL 1135

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			74692.80
a. Human Labour	Day	88.00	500.00	44000.00
b. Bullock Labour	Day			0.00
c. Power Tiller Use	Hour	10.00	550.00	5500.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour	19.00	100.00	1900.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	70.00	8750.00
h. Manure	Kg.	1055.00	1.00	1055.00
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	55.00	23.00	1265.00
Potash	Kg.	25.00	36.00	900.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			750.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2872.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			310.00
a. Land Tax	Rs.			100.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			120.00
<u>3. Total Cost</u>	<u>Rs.</u>			75002.80
<u>4. Gross Income</u>	<u>Rs.</u>			90148.50
a. Main Product	Kg.	4020.00	21.05	84621.00
b. By-Product	Kg.	4422.00	1.25	5527.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			15145.70
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1728.24
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			482.40
<u>2. Value at Market</u>	<u>Kg.</u>	3698.40	23.40	86542.56
<u>3. Net Profit</u>	<u>Rs.</u>			16584.86

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Udaypur

Crop: Wheat
Variety: Achut

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			60651.50
a. Human Labour	Day	74.00	425.00	31450.00
b. Bullock Labour	Day			0.00
c. Power Tiller Use	Hour	14.00	550.00	7700.00
d. Pumpset Use	Hour	11.00	250.00	2750.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1075.00	1.25	1343.75
i. Fertilizer	Kg.			
DAP	Kg.	35.00	50.00	1750.00
Urea	Kg.	55.00	25.00	1375.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			550.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2332.75
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			60891.50
<u>4. Gross Income</u>	<u>Rs.</u>			80189.00
a. Main Product	Kg.	3560.00	21.15	75294.00
b. By-Product	Kg.	3916.00	1.25	4895.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19297.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1572.94
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			427.20
<u>2. Value at Market</u>	<u>Kg.</u>	3275.20	24.20	79259.84
<u>3. Net Profit</u>	<u>Rs.</u>			22836.14

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Panchthar

Crop: Wheat
Variety: Annapurna-3

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			59519.20
a. Human Labour	Day	83.00	375.00	31125.00
b. Bullock Labour	Day	16.00	650.00	10400.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	15.00	100.00	1500.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	123.00	70.00	8610.00
h. Manure	Kg.	1180.00	1.25	1475.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			460.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2289.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			59746.20
<u>4. Gross Income</u>	<u>Rs.</u>			88368.00
a. Main Product	Kg.	3945.00	21.30	84028.50
b. By-Product	Kg.	4339.50	1.00	4339.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			28621.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1404.48
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			473.40
<u>2. Value at Market</u>	<u>Kg.</u>	3629.40	24.45	88738.83
<u>3. Net Profit</u>	<u>Rs.</u>			32858.73

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhojpur

Crop: Wheat
Variety: Annapurna-4

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			50492.00
a. Human Labour	Day	78.00	350.00	27300.00
b. Bullock Labour	Day	4.00	550.00	2200.00
c. Power Tiller Use	Hour	8.00	550.00	4400.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	17.00	100.00	1700.00
f. Sprayer Use	Hour	8.00	25.00	200.00
g. Seed	Kg.	120.00	62.00	7440.00
h. Manure	Kg.	1110.00	1.00	1110.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			450.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1942.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			226.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			87.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			50718.00
<u>4. Gross Income</u>	<u>Rs.</u>			85166.00
a. Main Product	Kg.	3880.00	20.85	80898.00
b. By-Product	Kg.	4268.00	1.00	4268.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			34448.00
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1197.16
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			465.60
<u>2. Value at Market</u>	<u>Kg.</u>	3569.60	23.90	85313.44
<u>3. Net Profit</u>	<u>Rs.</u>			38397.84

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Saptari

Crop: Wheat
Variety: BL-1473

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			62160.80
a. Human Labour	Day	82.00	380.00	31160.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	8.00	1000.00	8000.00
d. Pumpset Use	Hour	6.00	250.00	1500.00
e. Thresher Use	Hour	4.00	800.00	3200.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1070.00	1.00	1070.00
i. Fertilizer	Kg.			
DAP	Kg.	35.00	50.00	1750.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			480.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2390.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			263.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			20.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			62423.80
<u>4. Gross Income</u>	<u>Rs.</u>			88713.19
a. Main Product	Kg.	3945.00	21.05	83042.25
b. By-Product	Kg.	4536.75	1.25	5670.94
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			26289.39
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1438.60
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			473.40
<u>2. Value at Market</u>	<u>Kg.</u>	3629.40	24.15	87650.01
<u>3. Net Profit</u>	<u>Rs.</u>			30423.75

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jhapa

Crop: Wheat
Variety: NL-297

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61146.80
a. Human Labour	Day	78.00	400.00	31200.00
b. Bullock Labour	Day	0.00	0.00	0.00
c. Tractor Use	Hour	8.00	1000.00	8000.00
d. Pumpset Use	Hour	8.00	250.00	2000.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1210.00	1.00	1210.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	25.00	35.00	875.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2351.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			287.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			61433.80
<u>4. Gross Income</u>	<u>Rs.</u>			83474.75
a. Main Product	Kg.	3790.00	20.30	76937.00
b. By-Product	Kg.	4358.50	1.50	6537.75
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			22040.95
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1448.44
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			454.80
<u>2. Value at Market</u>	<u>Kg.</u>	3486.80	23.40	81591.12
<u>3. Net Profit</u>	<u>Rs.</u>			26240.27

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Morang

Crop: Wheat
Variety: NL-297

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65369.20
a. Human Labour	Day	82.00	400.00	32800.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	8.00	1000.00	8000.00
d. Pumpset Use	Hour	8.00	250.00	2000.00
e. Thresher Use	Hour	5.00	750.00	3750.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1015.00	1.00	1015.00
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	60.00	23.00	1380.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2514.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			281.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			35.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			100.00
<u>3. Total Cost</u>	<u>Rs.</u>			65650.20
<u>4. Gross Income</u>	<u>Rs.</u>			83711.63
a. Main Product	Kg.	3790.00	20.65	78263.50
b. By-Product	Kg.	4358.50	1.25	5448.13
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			18061.43
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1588.45
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			454.80
<u>2. Value at Market</u>	<u>Kg.</u>	3486.80	23.70	82637.16
<u>3. Net Profit</u>	<u>Rs.</u>			21980.29

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Siraha

Crop: Wheat
Variety: BL - 1135

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			60335.60
a. Human Labour	Day	79.00	375.00	29625.00
b. Bullock Labour	Day	2.00	675.00	1350.00
c. Tractor Use	Hour	6.00	1000.00	6000.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour	5.00	750.00	3750.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1092.00	1.25	1365.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			525.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2320.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			301.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			40.00
c. Depreciation of Farm Equipment	Rs.			97.00
d. Repair & Maintenance of Farm Equipment	Rs.			112.00
<u>3. Total Cost</u>	<u>Rs.</u>			60636.60
<u>4. Gross Income</u>	<u>Rs.</u>			90387.00
a. Main Product	Kg.	3960.00	21.10	83556.00
b. By-Product	Kg.	4554.00	1.50	6831.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			29750.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1358.73
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			475.20
<u>2. Value at Market</u>	<u>Kg.</u>	3643.20	24.15	87983.28
<u>3. Net Profit</u>	<u>Rs.</u>			33702.48

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dolakha

Crop: Wheat
Variety: Annapurna-4

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56266.08
a. Human Labour	Day	82.00	390.00	31980.00
b. Bullock Labour	Day	12.00	600.00	7200.00
c. Power Tiller Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	65.00	8125.00
h. Manure	Kg.	1127.00	1.00	1127.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	53.00	1060.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			410.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2164.08
<u>2. Fixed Cost</u>	<u>Rs.</u>			225.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			88.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			56491.08
<u>4. Gross Income</u>	<u>Rs.</u>			86908.50
a. Main Product	Kg.	4005.00	20.60	82503.00
b. By-Product	Kg.	4405.50	1.00	4405.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			30417.42
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1300.51
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			480.60
<u>2. Value at Market</u>	<u>Kg.</u>	3684.60	23.85	87877.71
<u>3. Net Profit</u>	<u>Rs.</u>			35311.53

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nuwakot

Crop: Wheat
Variety: Lerma-2

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56085.90
a. Human Labour	Day	82.00	375.00	30750.00
b. Bullock Labour	Day	4.00	600.00	2400.00
c. Power Tiller Use	Hour	10.00	550.00	5500.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1135.00	1.25	1418.75
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2157.15
<u>2. Fixed Cost</u>	<u>Rs.</u>			216.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			78.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			56301.90
<u>4. Gross Income</u>	<u>Rs.</u>			86252.40
a. Main Product	Kg.	3952.00	20.45	80818.40
b. By-Product	Kg.	4347.20	1.25	5434.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			29950.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1287.14
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			474.24
<u>2. Value at Market</u>	<u>Kg.</u>	3635.84	23.60	85805.82
<u>3. Net Profit</u>	<u>Rs.</u>			34463.68

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Wheat
Variety: NL-971

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			69933.50
a. Human Labour	Day	77.00	450.00	34650.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	8.00	1000.00	8000.00
d. Pumpset Use	Hour	4.00	900.00	3600.00
e. Thresher Use	Hour	5.00	800.00	4000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	65.00	7800.00
h. Manure	Kg.	1135.00	1.25	1418.75
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	65.00	25.00	1625.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			750.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2689.75
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			70212.50
<u>4. Gross Income</u>	<u>Rs.</u>			93126.00
a. Main Product	Kg.	4080.00	21.10	86088.00
b. By-Product	Kg.	4692.00	1.50	7038.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			22913.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1548.39
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			489.60
<u>2. Value at Market</u>	<u>Kg.</u>	3753.60	24.15	90649.44
<u>3. Net Profit</u>	<u>Rs.</u>			26985.34

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sarlahi

Crop: Wheat
Variety: BL 1135

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61086.48
a. Human Labour	Day	75.00	380.00	28500.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	9.00	1000.00	9000.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour	5.00	750.00	3750.00
f. Sprayer Use	Hour	20.00	20.00	400.00
g. Seed	Kg.	123.00	55.00	6765.00
h. Manure	Kg.	1132.00	1.00	1132.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	48.00	1440.00
Urea	Kg.	45.00	24.00	1080.00
Potash	Kg.	20.00	33.00	660.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2349.48
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			61353.48
<u>4. Gross Income</u>	<u>Rs.</u>			85572.85
a. Main Product	Kg.	3964.00	20.15	79874.60
b. By-Product	Kg.	4558.60	1.25	5698.25
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			24219.37
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1404.02
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			475.68
<u>2. Value at Market</u>	<u>Kg.</u>	3646.88	23.10	84242.93
<u>3. Net Profit</u>	<u>Rs.</u>			28112.02

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bara

Crop: Wheat
Variety: NL-297

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61357.40
a. Human Labour	Day	76.00	375.00	28500.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	8.00	1000.00	8000.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour	5.00	750.00	3750.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	62.00	7440.00
h. Manure	Kg.	1125.00	1.50	1687.50
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	70.00	25.00	1750.00
Potash	Kg.	25.00	36.00	900.00
Zinc	Kg.			
J. Plant Protection Chemical	Rs.			520.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2359.90
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			61628.40
<u>4. Gross Income</u>	<u>Rs.</u>			84542.80
a. Main Product	Kg.	3856.00	20.20	77891.20
b. By-Product	Kg.	4434.40	1.50	6651.60
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			22914.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1425.75
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			462.72
<u>2. Value at Market</u>	<u>Kg.</u>	3547.52	23.25	82479.84
<u>3. Net Profit</u>	<u>Rs.</u>			27040.32

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rautahat

Crop: Wheat
Variety: Bhrikuti

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			65097.50
a. Human Labour	Day	76.00	400.00	30400.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	9.00	1000.00	9000.00
d. Pumpset Use	Hour	10.00	225.00	2250.00
e. Thresher Use	Hour	6.00	750.00	4500.00
f. Sprayer Use	Hour	20.00	20.00	400.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1127.00	1.25	1408.75
i. Fertilizer	Kg.			
DAP	Kg.	35.00	51.00	1785.00
Urea	Kg.	60.00	24.00	1440.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2503.75
<u>2. Fixed Cost</u>	<u>Rs.</u>			245.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			65342.50
<u>4. Gross Income</u>	<u>Rs.</u>			86026.19
a. Main Product	Kg.	3985.00	20.15	80297.75
b. By-Product	Kg.	4582.75	1.25	5728.44
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20683.69
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1495.96
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			478.20
<u>2. Value at Market</u>	<u>Kg.</u>	3666.20	23.55	86339.01
<u>3. Net Profit</u>	<u>Rs.</u>			26246.75

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Tanahun

Crop: Wheat
Variety: Lerma-52

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			53749.80
a. Human Labour	Day	76.00	375.00	28500.00
b. Bullock Labour	Day	4.00	675.00	2700.00
c. Power Tiller Use	Hour	8.00	550.00	4400.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	65.00	7800.00
h. Manure	Kg.	1210.00	1.25	1512.50
i. Fertilizer	Kg.			
DAP	Kg.	25.00	52.00	1300.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			520.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2067.30
<u>2. Fixed Cost</u>	<u>Rs.</u>			251.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Depreciation of Farm Equipment	Rs.			86.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			54000.80
<u>4. Gross Income</u>	<u>Rs.</u>			87095.25
a. Main Product	Kg.	3910.00	20.90	81719.00
b. By-Product	Kg.	4301.00	1.25	5376.25
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			33094.45
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1243.59
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.20
<u>2. Value at Market</u>	<u>Kg.</u>	3597.20	23.85	85793.22
<u>3. Net Profit</u>	<u>Rs.</u>			36699.47

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Arghakhachi

Crop: Wheat
Variety: Annapurna-1

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55114.80
a. Human Labour	Day	78.00	375.00	29250.00
b. Bullock Labour	Day	4.00	600.00	2400.00
c. Power Tiller Use	Hour	8.00	550.00	4400.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1220.00	1.00	1220.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	52.00	1300.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	10.00	36.00	360.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			490.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2119.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			229.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			93.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			55343.80
<u>4. Gross Income</u>	<u>Rs.</u>			82892.00
a. Main Product	Kg.	3910.00	20.10	78591.00
b. By-Product	Kg.	4301.00	1.00	4301.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			27548.20
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1305.44
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.20
<u>2. Value at Market</u>	<u>Kg.</u>	3597.20	23.20	83455.04
<u>3. Net Profit</u>	<u>Rs.</u>			31943.04

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kaski

Crop: Wheat
Variety: Annapurna-3

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			57392.40
a. Human Labour	Day	75.00	425.00	31875.00
b. Bullock Labour	Day	5.00	600.00	3000.00
c. Power Tiller Use	Hour	6.00	550.00	3300.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	70.00	8750.00
h. Manure	Kg.	1032.00	1.25	1290.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.			0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			520.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2207.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			353.00
a. Land Tax	Rs.			65.00
b. Water Tax	Rs.			40.00
c. Depreciation of Farm Equipment	Rs.			110.00
d. Repair & Maintenance of Farm Equipment	Rs.			138.00
<u>3. Total Cost</u>	<u>Rs.</u>			57745.40
<u>4. Gross Income</u>	<u>Rs.</u>			89947.50
a. Main Product	Kg.	4020.00	21.00	84420.00
b. By-Product	Kg.	4422.00	1.25	5527.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			32202.10
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1298.95
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			482.40
<u>2. Value at Market</u>	<u>Kg.</u>	3698.40	23.95	88576.68
<u>3. Net Profit</u>	<u>Rs.</u>			35876.38

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Palpa

Crop: Wheat
Variety: Lerma-52

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56801.68
a. Human Labour	Day	78.00	375.00	29250.00
b. Bullock Labour	Day	5.00	700.00	3500.00
c. Power Tiller Use	Hour	9.00	550.00	4950.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1132.00	1.00	1132.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	51.00	1530.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	15.00	36.00	540.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			515.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2184.68
<u>2. Fixed Cost</u>	<u>Rs.</u>			231.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			57032.68
<u>4. Gross Income</u>	<u>Rs.</u>			82468.00
a. Main Product	Kg.	3890.00	20.10	78189.00
b. By-Product	Kg.	4279.00	1.00	4279.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			25435.32
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1356.14
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			466.80
<u>2. Value at Market</u>	<u>Kg.</u>	3578.80	23.20	83028.16
<u>3. Net Profit</u>	<u>Rs.</u>			29807.68

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rupandehi

Crop: Wheat
Variety: Achut

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			61895.60
a. Human Labour	Day	76.00	400.00	30400.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	8.00	1000.00	8000.00
d. Pumpset Use	Hour	2.00	250.00	500.00
e. Thresher Use	Hour	5.00	750.00	3750.00
f. Sprayer Use	Hour	10.00	25.00	250.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1065.00	1.00	1065.00
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	70.00	25.00	1750.00
Potash	Kg.	30.00	35.00	1050.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			550.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2380.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			62162.60
<u>4. Gross Income</u>	<u>Rs.</u>			82998.65
a. Main Product	Kg.	3724.00	20.85	77645.40
b. By-Product	Kg.	4282.60	1.25	5353.25
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20836.05
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1525.49
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			446.88
<u>2. Value at Market</u>	<u>Kg.</u>	3426.08	23.80	81540.70
<u>3. Net Profit</u>	<u>Rs.</u>			24284.47

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Wheat
Variety: NL-297

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58266.00
a. Human Labour	Day	75.00	375.00	28125.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	6.00	950.00	5700.00
d. Pumpset Use	Hour	2.00	250.00	500.00
e. Thresher Use	Hour	8.00	750.00	6000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1090.00	1.00	1090.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			490.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2241.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			93.00
d. Repair & Maintenance of Farm Equipment	Rs.			99.00
<u>3. Total Cost</u>	<u>Rs.</u>			58537.00
<u>4. Gross Income</u>	<u>Rs.</u>			87973.44
a. Main Product	Kg.	3965.00	20.75	82273.75
b. By-Product	Kg.	4559.75	1.25	5699.69
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			29436.44
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1332.59
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			475.80
<u>2. Value at Market</u>	<u>Kg.</u>	3647.80	23.85	87000.03
<u>3. Net Profit</u>	<u>Rs.</u>			33686.92

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jumla

Crop: Wheat
Variety: Pasang Lahmu

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58983.60
a. Human Labour	Day	92.00	375.00	34500.00
b. Bullock Labour	Day	9.00	650.00	5850.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	8.00	20.00	160.00
g. Seed	Kg.	130.00	80.00	10400.00
h. Manure	Kg.	1455.00	1.00	1455.00
i. Fertilizer	Kg.			
DAP	Kg.	0.00	0.00	0.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			350.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2268.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			220.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			90.00
<u>3. Total Cost</u>	<u>Rs.</u>			59203.60
<u>4. Gross Income</u>	<u>Rs.</u>			103450.50
a. Main Product	Kg.	4365.00	22.60	98649.00
b. By-Product	Kg.	4801.50	1.00	4801.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			44246.90
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1246.33
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			523.80
<u>2. Value at Market</u>	<u>Kg.</u>	4015.80	24.85	99792.63
<u>3. Net Profit</u>	<u>Rs.</u>			44866.73

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Surkhet

Crop: Wheat
Variety: Kanti

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			52972.40
a. Human Labour	Day	76.00	350.00	26600.00
b. Bullock Labour	Day	6.00	575.00	3450.00
c. Power Tiller Use	Hour	8.00	550.00	4400.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1185.00	1.00	1185.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			475.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2037.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			232.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			53204.40
<u>4. Gross Income</u>	<u>Rs.</u>			90994.50
a. Main Product	Kg.	4155.00	20.80	86424.00
b. By-Product	Kg.	4570.50	1.00	4570.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			37790.10
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1170.49
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			498.60
<u>2. Value at Market</u>	<u>Kg.</u>	3822.60	23.85	91169.01
<u>3. Net Profit</u>	<u>Rs.</u>			42036.51

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Salyan

Crop: Wheat
Variety: Annapurna-4

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			53277.12
a. Human Labour	Day	82.00	360.00	29520.00
b. Bullock Labour	Day	10.00	625.00	6250.00
c. Power Tiller Use	Hour			0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1053.00	1.00	1053.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	55.00	1650.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			430.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2049.12
<u>2. Fixed Cost</u>	<u>Rs.</u>			264.00
a. Land Tax	Rs.			47.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			53541.12
<u>4. Gross Income</u>	<u>Rs.</u>			86020.00
a. Main Product	Kg.	3910.00	20.90	81719.00
b. By-Product	Kg.	4301.00	1.00	4301.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			32478.88
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1259.34
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.20
<u>2. Value at Market</u>	<u>Kg.</u>	3597.20	23.95	86152.94
<u>3. Net Profit</u>	<u>Rs.</u>			36443.62

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bardia

Crop: Wheat
Variety: Aditya

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56248.40
a. Human Labour	Day	78.00	375.00	29250.00
b. Bullock Labour	Day			0.00
c. Tractor Use	Hour	6.00	925.00	5550.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	4.00	750.00	3000.00
f. Sprayer Use	Hour	12.00	20.00	240.00
g. Seed	Kg.	120.00	65.00	7800.00
h. Manure	Kg.	1125.00	1.00	1125.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			650.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2163.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			286.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			56534.40
<u>4. Gross Income</u>	<u>Rs.</u>			84224.70
a. Main Product	Kg.	3654.00	21.40	78195.60
b. By-Product	Kg.	4019.40	1.50	6029.10
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			27690.30
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1382.19
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			438.48
<u>2. Value at Market</u>	<u>Kg.</u>	3361.68	23.55	79167.56
<u>3. Net Profit</u>	<u>Rs.</u>			28223.78

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Wheat
Variety: BL-1022

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58396.00
a. Human Labour	Day	76.00	375.00	28500.00
b. Bullock Labour	Day	4.00	675.00	2700.00
c. Tractor Use	Hour	7.00	950.00	6650.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	100.00	2000.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	70.00	8400.00
h. Manure	Kg.	1080.00	1.00	1080.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	45.00	24.00	1080.00
Potash	Kg.	15.00	36.00	540.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2246.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			266.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			58662.00
<u>4. Gross Income</u>	<u>Rs.</u>			88350.63
a. Main Product	Kg.	3982.00	20.75	82626.50
b. By-Product	Kg.	4579.30	1.25	5724.13
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			29688.63
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1329.43
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			477.84
<u>2. Value at Market</u>	<u>Kg.</u>	3663.44	23.85	87373.04
<u>3. Net Profit</u>	<u>Rs.</u>			33957.33

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kailali

Crop: Wheat
Variety: Bijaya

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			62946.00
a. Human Labour	Day	76.00	390.00	29640.00
b. Bullock Labour	Day	2.00	650.00	1300.00
c. Tractor Use	Hour	8.00	950.00	7600.00
d. Pumpset Use	Hour	8.00	250.00	2000.00
e. Thresher Use	Hour	5.00	750.00	3750.00
f. Sprayer Use	Hour	6.00	20.00	120.00
g. Seed	Kg.	125.00	60.00	7500.00
h. Manure	Kg.	1145.00	1.00	1145.00
i. Fertilizer	Kg.			
DAP	Kg.	35.00	50.00	1750.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	36.00	720.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2421.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			255.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			63201.00
<u>4. Gross Income</u>	<u>Rs.</u>			80431.25
a. Main Product	Kg.	3785.00	20.10	76078.50
b. By-Product	Kg.	4352.75	1.00	4352.75
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			17230.25
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1554.78
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			454.20
<u>2. Value at Market</u>	<u>Kg.</u>	3482.20	23.15	80612.93
<u>3. Net Profit</u>	<u>Rs.</u>			21310.48

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sankhuwasabha

Crop: Wheat
Variety: Pasang Lahmu

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55884.40
a. Human Labour	Day	86.00	380.00	32680.00
b. Bullock Labour	Day	12.00	550.00	6600.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	19.00	100.00	1900.00
f. Sprayer Use	Hour	10.00	25.00	250.00
g. Seed	Kg.	120.00	70.00	8400.00
h. Manure	Kg.	1495.00	1.00	1495.00
i. Fertilizer	Kg.			
DAP	Kg.	0.00	0.00	0.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			410.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2149.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			228.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			56112.40
<u>4. Gross Income</u>	<u>Rs.</u>			88242.75
a. Main Product	Kg.	3845.00	21.85	84013.25
b. By-Product	Kg.	4229.50	1.00	4229.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			32130.35
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1349.36
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			461.40
<u>2. Value at Market</u>	<u>Kg.</u>	3537.40	24.90	88081.26
<u>3. Net Profit</u>	<u>Rs.</u>			35736.96

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Khotang

Crop: Wheat
Variety: Kanti

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55506.88
a. Human Labour	Day	85.00	380.00	32300.00
b. Bullock Labour	Day	11.00	625.00	6875.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	120.00	60.00	7200.00
h. Manure	Kg.	1072.00	1.00	1072.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			425.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2134.88
<u>2. Fixed Cost</u>	<u>Rs.</u>			225.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			55731.88
<u>4. Gross Income</u>	<u>Rs.</u>			81642.50
a. Main Product	Kg.	3842.00	20.15	77416.30
b. By-Product	Kg.	4226.20	1.00	4226.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			25910.62
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1340.60
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			461.04
<u>2. Value at Market</u>	<u>Kg.</u>	3534.64	23.30	82357.11
<u>3. Net Profit</u>	<u>Rs.</u>			30390.39

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rasuwa

Crop: Wheat
Variety: Annapurna-4

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			63590.80
a. Human Labour	Day	83.00	425.00	35275.00
b. Bullock Labour	Day	14.00	750.00	10500.00
c. Power Tiller Use	Hour			0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	16.00	100.00	1600.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	130.00	65.00	8450.00
h. Manure	Kg.	1020.00	1.00	1020.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	52.00	1560.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			415.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2445.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			237.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			63827.80
<u>4. Gross Income</u>	<u>Rs.</u>			79809.75
a. Main Product	Kg.	3555.00	21.35	75899.25
b. By-Product	Kg.	3910.50	1.00	3910.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			15981.95
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1685.44
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			426.60
<u>2. Value at Market</u>	<u>Kg.</u>	3270.60	24.40	79802.64
<u>3. Net Profit</u>	<u>Rs.</u>			19458.74

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Makwanpur

Crop: Wheat
Variety: Annapurna-1

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			57335.20
a. Human Labour	Day	76.00	410.00	31160.00
b. Bullock Labour	Day	4.00	650.00	2600.00
c. Power Tiller Use	Hour	10.00	550.00	5500.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	6.00	25.00	150.00
g. Seed	Kg.	125.00	65.00	8125.00
h. Manure	Kg.	1055.00	1.00	1055.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	51.00	1530.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			460.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2205.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			57575.20
<u>4. Gross Income</u>	<u>Rs.</u>			79298.10
a. Main Product	Kg.	3684.00	20.15	74232.60
b. By-Product	Kg.	4052.40	1.25	5065.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			21722.90
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1425.34
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			442.08
<u>2. Value at Market</u>	<u>Kg.</u>	3389.28	23.20	78631.30
<u>3. Net Profit</u>	<u>Rs.</u>			25679.52

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Manang

Crop: Wheat
Variety: Pasang Lahmu

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			64337.00
a. Human Labour	Day	80.00	450.00	36000.00
b. Bullock Labour	Day	10.00	750.00	7500.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	20.00	150.00	3000.00
f. Sprayer Use	Hour	10.00	25.00	250.00
g. Seed	Kg.	140.00	75.00	10500.00
h. Manure	Kg.	1550.00	1.25	1937.50
i. Fertilizer	Kg.			
DAP	Kg.	0.00	0.00	0.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			425.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2474.50
<u>2. Fixed Cost</u>	<u>Rs.</u>			236.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			64573.00
<u>4. Gross Income</u>	<u>Rs.</u>			89930.00
a. Main Product	Kg.	3910.00	21.90	85629.00
b. By-Product	Kg.	4301.00	1.00	4301.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			25357.00
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1541.48
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.20
<u>2. Value at Market</u>	<u>Kg.</u>	3597.20	24.95	89750.14
<u>3. Net Profit</u>	<u>Rs.</u>			29008.94

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kalikot

Crop: Wheat
Variety: Annapurna-1

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55116.88
a. Human Labour	Day	81.00	380.00	30780.00
b. Bullock Labour	Day	10.00	675.00	6750.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	15.00	100.00	1500.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	130.00	75.00	9750.00
h. Manure	Kg.	1542.00	1.00	1542.00
i. Fertilizer	Kg.			
DAP	Kg.	0.00	0.00	0.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			350.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2119.88
<u>2. Fixed Cost</u>	<u>Rs.</u>			222.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			55338.88
<u>4. Gross Income</u>	<u>Rs.</u>			82592.00
a. Main Product	Kg.	3560.00	22.10	78676.00
b. By-Product	Kg.	3916.00	1.00	3916.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			27253.12
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1444.46
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			427.20
<u>2. Value at Market</u>	<u>Kg.</u>	3275.20	24.15	79096.08
<u>3. Net Profit</u>	<u>Rs.</u>			27246.00

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rukum

Crop: Wheat
Variety: Kanti

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54818.40
a. Human Labour	Day	80.00	375.00	30000.00
b. Bullock Labour	Day	12.00	575.00	6900.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	17.00	100.00	1700.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	70.00	8750.00
h. Manure	Kg.	1465.00	1.00	1465.00
i. Fertilizer	Kg.			
DAP	Kg.	15.00	51.00	765.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			430.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2108.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			55059.40
<u>4. Gross Income</u>	<u>Rs.</u>			83904.00
a. Main Product	Kg.	3648.00	21.90	79891.20
b. By-Product	Kg.	4012.80	1.00	4012.80
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			28844.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1399.30
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			437.76
<u>2. Value at Market</u>	<u>Kg.</u>	3356.16	24.85	83400.58
<u>3. Net Profit</u>	<u>Rs.</u>			31916.22

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bajura

Crop: Wheat
Variety: Pasang Lahmu

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54799.68
a. Human Labour	Day	82.00	350.00	28700.00
b. Bullock Labour	Day	14.00	600.00	8400.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	17.00	100.00	1700.00
f. Sprayer Use	Hour	10.00	25.00	250.00
g. Seed	Kg.	130.00	75.00	9750.00
h. Manure	Kg.	1462.00	1.00	1462.00
i. Fertilizer	Kg.			
DAP	Kg.	0.00	0.00	0.00
Urea	Kg.	40.00	26.00	1040.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			390.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2107.68
<u>2. Fixed Cost</u>	<u>Rs.</u>			217.00
a. Land Tax	Rs.			41.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			87.00
d. Repair & Maintenance of Farm Equipment	Rs.			89.00
<u>3. Total Cost</u>	<u>Rs.</u>			55016.68
<u>4. Gross Income</u>	<u>Rs.</u>			85715.20
a. Main Product	Kg.	3632.00	22.50	81720.00
b. By-Product	Kg.	3995.20	1.00	3995.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			30698.52
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1404.78
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			435.84
<u>2. Value at Market</u>	<u>Kg.</u>	3341.44	25.55	85373.79
<u>3. Net Profit</u>	<u>Rs.</u>			33916.47

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dadeldhura

Crop: Wheat
Variety: Gaura

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54730.00
a. Human Labour	Day	75.00	375.00	28125.00
b. Bullock Labour	Day	8.00	550.00	4400.00
c. Power Tiller Use	Hour	6.00	550.00	3300.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	18.00	100.00	1800.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	125.00	70.00	8750.00
h. Manure	Kg.	1190.00	1.00	1190.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	10.00	36.00	360.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2105.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			89.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			54971.00
<u>4. Gross Income</u>	<u>Rs.</u>			85371.00
a. Main Product	Kg.	3980.00	20.35	80993.00
b. By-Product	Kg.	4378.00	1.00	4378.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			30400.00
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1271.18
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			477.60
<u>2. Value at Market</u>	<u>Kg.</u>	3661.60	23.40	85681.44
<u>3. Net Profit</u>	<u>Rs.</u>			34610.84

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Accham

Crop: Wheat
Variety: Gaura

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56799.60
a. Human Labour	Day	84.00	375.00	31500.00
b. Bullock Labour	Day	10.00	550.00	5500.00
c. Power Tiller Use	Hour			0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour	17.00	150.00	2550.00
f. Sprayer Use	Hour	10.00	20.00	200.00
g. Seed	Kg.	130.00	75.00	9750.00
h. Manure	Kg.	1145.00	1.00	1145.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.			430.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2184.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			222.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			82.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			57021.60
<u>4. Gross Income</u>	<u>Rs.</u>			84024.00
a. Main Product	Kg.	3890.00	20.50	79745.00
b. By-Product	Kg.	4279.00	1.00	4279.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			27002.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1355.85
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			466.80
<u>2. Value at Market</u>	<u>Kg.</u>	3578.80	23.60	84459.68
<u>3. Net Profit</u>	<u>Rs.</u>			31250.28

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhadhing

Crop: Maize
Variety: Khumal Pahelo

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58168.50
a. Human Labour	Day	92.00	380.00	34960.00
b. Bullock Labour	Day	10.00	650.00	6500.00
c. Tractor Use	Hour	5.00	500.00	2500.00
d. Pumpset Use	Hour	10.00	200.00	2000.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	75.00	1650.00
h. Manure	Kg.	1025.00	1.25	1281.25
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	15.00	36.00	540.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2237.25
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			58408.50
<u>4. Gross Income</u>	<u>Rs.</u>			72828.00
a. Main Product	Kg.	4080.00	17.25	70380.00
b. By-Product	Kg.	4896.00	0.50	2448.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			14419.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1371.58
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			489.60
<u>2. Value at Market</u>	<u>Kg.</u>	3753.60	20.30	76198.08
<u>3. Net Profit</u>	<u>Rs.</u>			19747.98

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Surkhet

Crop: Maize
Variety: Sitala

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			48786.40
a. Human Labour	Day	91.00	350.00	31850.00
b. Bullock Labour	Day	10.00	575.00	5750.00
c. Power Tiller Use	Hour	5.00	500.00	2500.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	75.00	1650.00
h. Manure	Kg.	1185.00	1.00	1185.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			475.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1876.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			232.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			49018.40
<u>4. Gross Income</u>	<u>Rs.</u>			75822.20
a. Main Product	Kg.	4132.00	17.75	73343.00
b. By-Product	Kg.	4958.40	0.50	2479.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			26803.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1126.31
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			495.84
<u>2. Value at Market</u>	<u>Kg.</u>	3801.44	20.80	79069.95
<u>3. Net Profit</u>	<u>Rs.</u>			32034.91

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhankuta

Crop: Maize
Variety: Manakamana-3

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			51591.28
a. Human Labour	Day	93.00	375.00	34875.00
b. Bullock Labour	Day	8.00	650.00	5200.00
c. Power Tiller Use	Hour	5.00	500.00	2500.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	21.00	75.00	1575.00
h. Manure	Kg.	1122.00	1.00	1122.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			460.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1984.28
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			51818.28
<u>4. Gross Income</u>	<u>Rs.</u>			75294.00
a. Main Product	Kg.	4230.00	17.20	72756.00
b. By-Product	Kg.	5076.00	0.50	2538.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			23475.72
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1165.02
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			507.60
<u>2. Value at Market</u>	<u>Kg.</u>	3891.60	20.30	78999.48
<u>3. Net Profit</u>	<u>Rs.</u>			29211.60

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kaski

Crop: Maize
Variety: Poshilo Makai-1

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			57815.68
a. Human Labour	Day	92.00	425.00	39100.00
b. Bullock Labour	Day	8.00	600.00	4800.00
c. Power Tiller Use	Hour	4.00	500.00	2000.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	75.00	1650.00
h. Manure	Kg.	1042.00	1.00	1042.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2223.68
<u>2. Fixed Cost</u>	<u>Rs.</u>			353.00
a. Land Tax	Rs.			65.00
b. Water Tax	Rs.			40.00
c. Depreciation of Farm Equipment	Rs.			110.00
d. Repair & Maintenance of Farm Equipment	Rs.			138.00
<u>3. Total Cost</u>	<u>Rs.</u>			58168.68
<u>4. Gross Income</u>	<u>Rs.</u>			79443.00
a. Main Product	Kg.	4365.00	17.60	76824.00
b. By-Product	Kg.	5238.00	0.50	2619.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			21274.32
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1272.62
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			523.80
<u>2. Value at Market</u>	<u>Kg.</u>	4015.80	20.65	82926.27
<u>3. Net Profit</u>	<u>Rs.</u>			26852.79

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Salyan

Crop: Maize
Variety: Manakamana-6

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			49852.40
a. Human Labour	Day	93.00	360.00	33480.00
b. Bullock Labour	Day	9.00	625.00	5625.00
c. Power Tiller Use	Hour	4.00	500.00	2000.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	20.00	75.00	1500.00
h. Manure	Kg.	1185.00	1.00	1185.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	53.00	1060.00
Urea	Kg.	45.00	26.00	1170.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			415.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1917.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			264.00
a. Land Tax	Rs.			47.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			50116.40
<u>4. Gross Income</u>	<u>Rs.</u>			70470.00
a. Main Product	Kg.	3915.00	17.40	68121.00
b. By-Product	Kg.	4698.00	0.50	2349.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20353.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1220.11
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.80
<u>2. Value at Market</u>	<u>Kg.</u>	3601.80	20.35	73296.63
<u>3. Net Profit</u>	<u>Rs.</u>			25059.43

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jhapa

Crop: Maize
Variety: Gaurab

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			60138.00
a. Human Labour	Day	95.00	400.00	38000.00
b. Bullock Labour	Day	5.00	750.00	3750.00
c. Tractor Use	Hour	4.00	900.00	3600.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	20.00	70.00	1400.00
h. Manure	Kg.	1075.00	1.00	1075.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	70.00	25.00	1750.00
Potash	Kg.	20.00	35.00	700.00
J. Plant Protection Chemical	Rs.			550.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2313.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			287.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			30.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			60425.00
<u>4. Gross Income</u>	<u>Rs.</u>			80816.50
a. Main Product	Kg.	4465.00	17.50	78137.50
b. By-Product	Kg.	5358.00	0.50	2679.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20391.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1293.30
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			535.80
<u>2. Value at Market</u>	<u>Kg.</u>	4107.80	20.60	84620.68
<u>3. Net Profit</u>	<u>Rs.</u>			26338.88

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kailali

Crop: Maize
Variety: Gaurab

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56737.20
a. Human Labour	Day	92.00	390.00	35880.00
b. Bullock Labour	Day	5.00	650.00	3250.00
c. Tractor Use	Hour	4.00	950.00	3800.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	23.00	70.00	1610.00
h. Manure	Kg.	1145.00	1.00	1145.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	10.00	36.00	360.00
J. Plant Protection Chemical	Rs.			510.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2182.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			255.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			56992.20
<u>4. Gross Income</u>	<u>Rs.</u>			78437.80
a. Main Product	Kg.	4382.00	17.30	75808.60
b. By-Product	Kg.	5258.40	0.50	2629.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			21445.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1240.60
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			525.84
<u>2. Value at Market</u>	<u>Kg.</u>	4031.44	20.40	82241.38
<u>3. Net Profit</u>	<u>Rs.</u>			27352.54

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Siraha

Crop: Maize
Variety: Rampur-2

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54596.10
a. Human Labour	Day	90.00	375.00	33750.00
b. Bullock Labour	Day	5.00	675.00	3375.00
c. Tractor Use	Hour	4.00	900.00	3600.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	23.00	65.00	1495.00
h. Manure	Kg.	1185.00	1.25	1481.25
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	15.00	35.00	525.00
J. Plant Protection Chemical	Rs.			520.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2099.85
<u>2. Fixed Cost</u>	<u>Rs.</u>			287.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			40.00
c. Depreciation of Farm Equipment	Rs.			97.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			54883.10
<u>4. Gross Income</u>	<u>Rs.</u>			68711.40
a. Main Product	Kg.	3882.00	17.10	66382.20
b. By-Product	Kg.	4658.40	0.50	2329.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13828.30
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1353.78
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			465.84
<u>2. Value at Market</u>	<u>Kg.</u>	3571.44	20.15	71964.52
<u>3. Net Profit</u>	<u>Rs.</u>			18944.78

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Maize
Variety: Arun-1

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54733.12
a. Human Labour	Day	91.00	375.00	34125.00
b. Bullock Labour	Day	5.00	675.00	3375.00
c. Tractor Use	Hour	4.00	950.00	3800.00
d. Pumpset Use	Hour	7.00	250.00	1750.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	21.00	70.00	1470.00
h. Manure	Kg.	1188.00	1.00	1188.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	24.00	1200.00
Potash	Kg.	20.00	36.00	720.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2105.12
<u>2. Fixed Cost</u>	<u>Rs.</u>			266.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			54999.12
<u>4. Gross Income</u>	<u>Rs.</u>			69362.50
a. Main Product	Kg.	3875.00	17.30	67037.50
b. By-Product	Kg.	4650.00	0.50	2325.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			14363.38
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1359.33
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			465.00
<u>2. Value at Market</u>	<u>Kg.</u>	3565.00	20.45	72904.25
<u>3. Net Profit</u>	<u>Rs.</u>			19765.13

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Maize
Variety: Rampur Composite

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			53731.60
a. Human Labour	Day	90.00	375.00	33750.00
b. Bullock Labour	Day	5.00	625.00	3125.00
c. Tractor Use	Hour	4.00	950.00	3800.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	70.00	1540.00
h. Manure	Kg.	1090.00	1.00	1090.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	10.00	36.00	360.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2066.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			93.00
d. Repair & Maintenance of Farm Equipment	Rs.			99.00
<u>3. Total Cost</u>	<u>Rs.</u>			54002.60
<u>4. Gross Income</u>	<u>Rs.</u>			71875.10
a. Main Product	Kg.	3982.00	17.45	69485.90
b. By-Product	Kg.	4778.40	0.50	2389.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			17872.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1296.17
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			477.84
<u>2. Value at Market</u>	<u>Kg.</u>	3663.44	20.50	75100.52
<u>3. Net Profit</u>	<u>Rs.</u>			23009.28

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sunsari

Crop: Maize
Variety: Gaurab

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58947.20
a. Human Labour	Day	92.00	400.00	36800.00
b. Bullock Labour	Day	5.00	750.00	3750.00
c. Tractor Use	Hour	5.00	950.00	4750.00
d. Pumpset Use	Hour	6.00	250.00	1500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	70.00	1540.00
h. Manure	Kg.	1090.00	1.00	1090.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	35.00	700.00
J. Plant Protection Chemical	Rs.			550.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2267.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			275.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			32.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			59222.20
<u>4. Gross Income</u>	<u>Rs.</u>			77739.50
a. Main Product	Kg.	4295.00	17.50	75162.50
b. By-Product	Kg.	5154.00	0.50	2577.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			18517.30
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1318.86
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			515.40
<u>2. Value at Market</u>	<u>Kg.</u>	3951.40	20.65	81596.41
<u>3. Net Profit</u>	<u>Rs.</u>			24435.81

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Maize
Variety: Hybrid

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			67940.60
a. Human Labour	Day	93.00	450.00	41850.00
b. Bullock Labour	Day	5.00	700.00	3500.00
c. Tractor Use	Hour	6.00	1000.00	6000.00
d. Pumpset Use	Hour	10.00	250.00	2500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	20.00	100.00	2000.00
h. Manure	Kg.	1210.00	1.25	1512.50
i. Fertilizer	Kg.			
DAP	Kg.	40.00	50.00	2000.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	25.00	35.00	875.00
J. Plant Protection Chemical	Rs.			590.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2613.10
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			68219.60
<u>4. Gross Income</u>	<u>Rs.</u>			85176.00
a. Main Product	Kg.	4680.00	17.60	82368.00
b. By-Product	Kg.	5616.00	0.50	2808.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			16956.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1397.68
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			561.60
<u>2. Value at Market</u>	<u>Kg.</u>	4305.60	20.90	89987.04
<u>3. Net Profit</u>	<u>Rs.</u>			24013.84

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sarlahi

Crop: Maize
Variety: Rampur Composite

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55529.76
a. Human Labour	Day	91.00	380.00	34580.00
b. Bullock Labour	Day	5.00	700.00	3500.00
c. Tractor Use	Hour	4.00	1000.00	4000.00
d. Pumpset Use	Hour	8.00	250.00	2000.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	65.00	1430.00
h. Manure	Kg.	1084.00	1.00	1084.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	48.00	1440.00
Urea	Kg.	50.00	24.00	1200.00
Potash	Kg.	20.00	33.00	660.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2135.76
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			55796.76
<u>4. Gross Income</u>	<u>Rs.</u>			72495.00
a. Main Product	Kg.	4050.00	17.30	70065.00
b. By-Product	Kg.	4860.00	0.50	2430.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			16698.24
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1317.70
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			486.00
<u>2. Value at Market</u>	<u>Kg.</u>	3726.00	20.45	76196.70
<u>3. Net Profit</u>	<u>Rs.</u>			22343.94

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rupandehi

Crop: Maize
Variety: Arun-1

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56035.20
a. Human Labour	Day	90.00	400.00	36000.00
b. Bullock Labour	Day	5.00	650.00	3250.00
c. Tractor Use	Hour	4.00	950.00	3800.00
d. Pumpset Use	Hour	5.00	250.00	1250.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	20.00	65.00	1300.00
h. Manure	Kg.	1090.00	1.00	1090.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	35.00	700.00
J. Plant Protection Chemical	Rs.			490.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2155.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			98.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			56302.20
<u>4. Gross Income</u>	<u>Rs.</u>			69793.50
a. Main Product	Kg.	3910.00	17.25	67447.50
b. By-Product	Kg.	4692.00	0.50	2346.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13491.30
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1379.95
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			469.20
<u>2. Value at Market</u>	<u>Kg.</u>	3597.20	20.50	73742.60
<u>3. Net Profit</u>	<u>Rs.</u>			19317.20

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Parsa

Crop: Maize
Variety: Rampur Composite

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56102.80
a. Human Labour	Day	92.00	380.00	34960.00
b. Bullock Labour	Day	5.00	575.00	2875.00
c. Tractor Use	Hour	5.00	950.00	4750.00
d. Pumpset Use	Hour	6.00	250.00	1500.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	70.00	1540.00
h. Manure	Kg.	1100.00	1.00	1100.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	20.00	36.00	720.00
J. Plant Protection Chemical	Rs.			500.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2157.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			263.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			56365.80
<u>4. Gross Income</u>	<u>Rs.</u>			69376.75
a. Main Product	Kg.	3865.00	17.35	67057.75
b. By-Product	Kg.	4638.00	0.50	2319.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			13010.95
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1398.36
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			463.80
<u>2. Value at Market</u>	<u>Kg.</u>	3555.80	20.60	73249.48
<u>3. Net Profit</u>	<u>Rs.</u>			18738.88

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Therathum

Crop: Maize
Variety: Ganesh-1

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55454.10
a. Human Labour	Day	96.00	380.00	36480.00
b. Bullock Labour	Day	15.00	675.00	10125.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	75.00	1875.00
h. Manure	Kg.	1185.00	1.25	1481.25
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	24.00	960.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2132.85
<u>2. Fixed Cost</u>	<u>Rs.</u>			224.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			55678.10
<u>4. Gross Income</u>	<u>Rs.</u>			70974.25
a. Main Product	Kg.	3889.00	17.65	68640.85
b. By-Product	Kg.	4666.80	0.50	2333.40
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			15296.15
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1371.68
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			466.68
<u>2. Value at Market</u>	<u>Kg.</u>	3577.88	20.55	73525.43
<u>3. Net Profit</u>	<u>Rs.</u>			19714.05

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Okhaldhunga

Crop: Maize
Variety: Manakamana-4

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54958.80
a. Human Labour	Day	98.00	375.00	36750.00
b. Bullock Labour	Day	16.00	600.00	9600.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	73.00	1825.00
h. Manure	Kg.	1210.00	1.00	1210.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	53.00	1060.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2113.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			222.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			93.00
<u>3. Total Cost</u>	<u>Rs.</u>			55180.80
<u>4. Gross Income</u>	<u>Rs.</u>			72852.50
a. Main Product	Kg.	4025.00	17.50	70437.50
b. By-Product	Kg.	4830.00	0.50	2415.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			17671.70
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1310.95
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			483.00
<u>2. Value at Market</u>	<u>Kg.</u>	3703.00	20.40	75541.20
<u>3. Net Profit</u>	<u>Rs.</u>			22292.40

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sindhuli

Crop: Maize
Variety: Manakamana-3

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58021.60
a. Human Labour	Day	96.00	415.00	39840.00
b. Bullock Labour	Day	15.00	600.00	9000.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	70.00	1540.00
h. Manure	Kg.	1210.00	1.00	1210.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	52.00	1300.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2231.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			96.00
d. Repair & Maintenance of Farm Equipment	Rs.			99.00
<u>3. Total Cost</u>	<u>Rs.</u>			58262.60
<u>4. Gross Income</u>	<u>Rs.</u>			72917.25
a. Main Product	Kg.	4085.00	17.25	70466.25
b. By-Product	Kg.	4902.00	0.50	2451.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			14654.65
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1366.26
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			490.20
<u>2. Value at Market</u>	<u>Kg.</u>	3758.20	20.20	75915.64
<u>3. Net Profit</u>	<u>Rs.</u>			19613.84

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kavrepalanchok

Crop: Maize
Variety: Khumal Pahelo

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			52683.80
a. Human Labour	Day	90.00	400.00	36000.00
b. Bullock Labour	Day	5.00	650.00	3250.00
c. Power Tiller Use	Hour	5.00	550.00	2750.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	70.00	1750.00
h. Manure	Kg.	1410.00	1.25	1762.50
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			520.00
k. Management Cost	Rs.			2000.00
l. Interest on Variable Cost	Rs.			2026.30
<u>2. Fixed Cost</u>	<u>Rs.</u>			244.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			105.00
<u>3. Total Cost</u>	<u>Rs.</u>			52927.80
<u>4. Gross Income</u>	<u>Rs.</u>			72526.50
a. Main Product	Kg.	4086.00	17.15	70074.90
b. By-Product	Kg.	4903.20	0.50	2451.60
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19598.70
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1235.35
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			490.32
<u>2. Value at Market</u>	<u>Kg.</u>	3759.12	20.30	76310.14
<u>3. Net Profit</u>	<u>Rs.</u>			25343.62

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Baglung

Crop: Maize
Variety: Manakamana-3

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			53404.00
a. Human Labour	Day	98.00	380.00	37240.00
b. Bullock Labour	Day	12.00	550.00	6600.00
c. Power Tiller Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	75.00	1650.00
h. Manure	Kg.	1130.00	1.00	1130.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			480.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2054.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			231.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			53635.00
<u>4. Gross Income</u>	<u>Rs.</u>			73158.00
a. Main Product	Kg.	4110.00	17.20	70692.00
b. By-Product	Kg.	4932.00	0.50	2466.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19523.00
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1244.99
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			493.20
<u>2. Value at Market</u>	<u>Kg.</u>	3781.20	20.15	76191.18
<u>3. Net Profit</u>	<u>Rs.</u>			24528.98

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Palpa

Crop: Maize
Variety: Deuti

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			49426.00
a. Human Labour	Day	92.00	375.00	34500.00
b. Bullock Labour	Day	4.00	700.00	2800.00
c. Power Tiller Use	Hour	5.00	550.00	2750.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	22.00	70.00	1540.00
h. Manure	Kg.	1175.00	1.00	1175.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	51.00	1530.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			480.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1901.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			231.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			49657.00
<u>4. Gross Income</u>	<u>Rs.</u>			71482.50
a. Main Product	Kg.	4050.00	17.05	69052.50
b. By-Product	Kg.	4860.00	0.50	2430.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			21825.50
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1166.10
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			486.00
<u>2. Value at Market</u>	<u>Kg.</u>	3726.00	20.15	75078.90
<u>3. Net Profit</u>	<u>Rs.</u>			27365.90

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Gulmi

Crop: Maize
Variety: Rampur Composite

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55343.60
a. Human Labour	Day	96.00	380.00	36480.00
b. Bullock Labour	Day	15.00	660.00	9900.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	70.00	1750.00
h. Manure	Kg.	1145.00	1.00	1145.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2128.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			95.00
d. Repair & Maintenance of Farm Equipment	Rs.			91.00
<u>3. Total Cost</u>	<u>Rs.</u>			55584.60
<u>4. Gross Income</u>	<u>Rs.</u>			70577.00
a. Main Product	Kg.	3965.00	17.20	68198.00
b. By-Product	Kg.	4758.00	0.50	2379.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			14992.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1341.88
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			475.80
<u>2. Value at Market</u>	<u>Kg.</u>	3647.80	20.30	74050.34
<u>3. Net Profit</u>	<u>Rs.</u>			20368.94

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Pyuthan

Crop: Maize
Variety: Manakamana-6

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			50689.60
a. Human Labour	Day	92.00	350.00	32200.00
b. Bullock Labour	Day	16.00	580.00	9280.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	70.00	1750.00
h. Manure	Kg.	1225.00	1.00	1225.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			410.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1949.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			228.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			50917.60
<u>4. Gross Income</u>	<u>Rs.</u>			70168.00
a. Main Product	Kg.	3920.00	17.30	67816.00
b. By-Product	Kg.	4704.00	0.50	2352.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19250.40
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1238.92
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			470.40
<u>2. Value at Market</u>	<u>Kg.</u>	3606.40	20.25	73029.60
<u>3. Net Profit</u>	<u>Rs.</u>			23993.60

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jumla

Crop: Maize
Variety: Manakamana-6

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			55624.40
a. Human Labour	Day	94.00	375.00	35250.00
b. Bullock Labour	Day	18.00	650.00	11700.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	75.00	1875.00
h. Manure	Kg.	1250.00	1.00	1250.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	48.00	960.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			450.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2139.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			220.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			90.00
<u>3. Total Cost</u>	<u>Rs.</u>			55844.40
<u>4. Gross Income</u>	<u>Rs.</u>			74158.20
a. Main Product	Kg.	3987.00	18.00	71766.00
b. By-Product	Kg.	4784.40	0.50	2392.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			18313.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1340.66
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			478.44
<u>2. Value at Market</u>	<u>Kg.</u>	3668.04	21.25	77945.85
<u>3. Net Profit</u>	<u>Rs.</u>			24015.21

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jajarkot

Crop: Maize
Variety: Manakamana-6

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54740.40
a. Human Labour	Day	97.00	375.00	36375.00
b. Bullock Labour	Day	15.00	600.00	9000.00
c. Power Tiller Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	75.00	1875.00
h. Manure	Kg.	1465.00	1.00	1465.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			420.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2105.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			230.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			92.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			54970.40
<u>4. Gross Income</u>	<u>Rs.</u>			74260.00
a. Main Product	Kg.	3950.00	18.20	71890.00
b. By-Product	Kg.	4740.00	0.50	2370.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			19289.60
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1331.66
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			474.00
<u>2. Value at Market</u>	<u>Kg.</u>	3634.00	21.30	77404.20
<u>3. Net Profit</u>	<u>Rs.</u>			24329.80

PER HECTARE

DISTRICT: Lalitpur

Crop: Maize
Variety: Manakamana-4

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			57397.60
a. Human Labour	Day	90.00	450.00	40500.00
b. Bullock Labour	Day	5.00	600.00	3000.00
c. Power Tiller Use	Hour	5.00	500.00	2500.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	70.00	1750.00
h. Manure	Kg.	1010.00	1.50	1515.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.	0.00	0.00	0.00
J. Plant Protection Chemical	Rs.			550.00
k. Management Cost	Rs.			3000.00
l. Interest on Variable Cost	Rs.			2207.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			120.00
<u>3. Total Cost</u>	<u>Rs.</u>			57662.60
<u>4. Gross Income</u>	<u>Rs.</u>			73612.70
a. Main Product	Kg.	4067.00	17.50	71172.50
b. By-Product	Kg.	4880.40	0.50	2440.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			15950.10
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1357.82
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			488.04
<u>2. Value at Market</u>	<u>Kg.</u>	3741.64	20.55	76890.70
<u>3. Net Profit</u>	<u>Rs.</u>			21180.26

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Taplejung

Crop: Maize
Variety: Sitala

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			56674.80
a. Human Labour	Day	95.00	380.00	36100.00
b. Bullock Labour	Day	16.00	675.00	10800.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	80.00	2000.00
h. Manure	Kg.	1156.00	1.25	1445.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			2179.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			224.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			84.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			56898.80
<u>4. Gross Income</u>	<u>Rs.</u>			77077.65
a. Main Product	Kg.	4089.00	18.25	74624.25
b. By-Product	Kg.	4906.80	0.50	2453.40
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20178.85
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1331.51
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			490.68
<u>2. Value at Market</u>	<u>Kg.</u>	3761.88	21.40	80504.23
<u>3. Net Profit</u>	<u>Rs.</u>			25568.15

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rolpa

Crop: Maize
Variety: Manakamana-5

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			52447.20
a. Human Labour	Day	96.00	350.00	33600.00
b. Bullock Labour	Day	18.00	550.00	9900.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	24.00	75.00	1800.00
h. Manure	Kg.	1190.00	1.00	1190.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2017.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			235.00
a. Land Tax	Rs.			56.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			94.00
<u>3. Total Cost</u>	<u>Rs.</u>			52682.20
<u>4. Gross Income</u>	<u>Rs.</u>			72726.25
a. Main Product	Kg.	3985.00	17.65	70335.25
b. By-Product	Kg.	4782.00	0.50	2391.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			20044.05
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1262.01
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			478.20
<u>2. Value at Market</u>	<u>Kg.</u>	3666.20	20.75	76073.65
<u>3. Net Profit</u>	<u>Rs.</u>			25304.25

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Doti

Crop: Maize
Variety: Manakamana-3

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			51542.40
a. Human Labour	Day	98.00	350.00	34300.00
b. Bullock Labour	Day	15.00	525.00	7875.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	75.00	1875.00
h. Manure	Kg.	1210.00	1.00	1210.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	52.00	1040.00
Urea	Kg.	40.00	25.00	1000.00
Potash	Kg.	10.00	36.00	360.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1982.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			82.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			51769.40
<u>4. Gross Income</u>	<u>Rs.</u>			72798.20
a. Main Product	Kg.	4022.00	17.50	70385.00
b. By-Product	Kg.	4826.40	0.50	2413.20
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			21028.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1227.16
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			482.64
<u>2. Value at Market</u>	<u>Kg.</u>	3700.24	20.65	76409.96
<u>3. Net Profit</u>	<u>Rs.</u>			26571.12

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Gorkha

Crop: Maize
Variety: Deuti

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			58858.80
a. Human Labour	Day	95.00	380.00	36100.00
b. Bullock Labour	Day	18.00	700.00	12600.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour	0.00	0.00	0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	25.00	80.00	2000.00
h. Manure	Kg.	1245.00	1.00	1245.00
i. Fertilizer	Kg.			
DAP	Kg.	30.00	50.00	1500.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			400.00
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2263.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			42.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			90.00
d. Repair & Maintenance of Farm Equipment	Rs.			95.00
<u>3. Total Cost</u>	<u>Rs.</u>			59085.80
<u>4. Gross Income</u>	<u>Rs.</u>			75820.90
a. Main Product	Kg.	4189.00	17.50	73307.50
b. By-Product	Kg.	5026.80	0.50	2513.40
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			16735.10
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1350.50
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			502.68
<u>2. Value at Market</u>	<u>Kg.</u>	3853.88	20.60	79389.93
<u>3. Net Profit</u>	<u>Rs.</u>			22314.85

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Panchthar

Crop: Millet
Variety: Okhale

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			54531.56
a. Human Labour	Day	105.00	375.00	39375.00
b. Bullock Labour	Day	10.00	650.00	6500.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	50.00	45.00	2250.00
h. Manure	Kg.	1450.00	1.25	1812.50
i. Fertilizer	Kg.			
DAP	Kg.			0.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1844.06
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			85.00
d. Repair & Maintenance of Farm Equipment	Rs.			97.00
<u>3. Total Cost</u>	<u>Rs.</u>			54758.56
<u>4. Gross Income</u>	<u>Rs.</u>			85058.50
a. Main Product	Kg.	2735.00	30.00	82050.00
b. By-Product	Kg.	3008.50	1.00	3008.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			30299.94
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1892.14
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			328.20
<u>2. Value at Market</u>	<u>Kg.</u>	2516.20	35.00	88067.00
<u>3. Net Profit</u>	<u>Rs.</u>			35988.74

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sindhupalchok

Crop: Millet
Variety: Dalle

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			57241.60
a. Human Labour	Day	108.00	380.00	41040.00
b. Bullock Labour	Day	12.00	600.00	7200.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	50.00	45.00	2250.00
h. Manure	Kg.	1550.00	1.00	1550.00
i. Fertilizer	Kg.			
DAP	Kg.			0.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			2201.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			228.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			89.00
d. Repair & Maintenance of Farm Equipment	Rs.			93.00
<u>3. Total Cost</u>	<u>Rs.</u>			57469.60
<u>4. Gross Income</u>	<u>Rs.</u>			90708.38
a. Main Product	Kg.	2755.00	31.00	85405.00
b. By-Product	Kg.	3030.50	1.75	5303.38
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			33238.78
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1893.51
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			330.60
<u>2. Value at Market</u>	<u>Kg.</u>	2534.60	34.00	86176.40
<u>3. Net Profit</u>	<u>Rs.</u>			33679.58

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Lamjung

Crop: Millet
Variety: Dalle

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			50674.00
a. Human Labour	Day	90.00	400.00	36000.00
b. Bullock Labour	Day	10.00	650.00	6500.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	50.00	45.00	2250.00
h. Manure	Kg.	1350.00	1.00	1350.00
i. Fertilizer	Kg.			
DAP	Kg.			0.00
Urea	Kg.	45.00	25.00	1125.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1949.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			232.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			87.00
d. Repair & Maintenance of Farm Equipment	Rs.			96.00
<u>3. Total Cost</u>	<u>Rs.</u>			50906.00
<u>4. Gross Income</u>	<u>Rs.</u>			78123.13
a. Main Product	Kg.	2615.00	28.50	74527.50
b. By-Product	Kg.	2876.50	1.25	3595.63
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			27217.13
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1809.19
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			313.80
<u>2. Value at Market</u>	<u>Kg.</u>	2405.80	32.60	78429.08
<u>3. Net Profit</u>	<u>Rs.</u>			30804.91

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rukum

Crop: Millet
Variety: Dalle

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			50939.20
a. Human Labour	Day	98.00	375.00	36750.00
b. Bullock Labour	Day	10.00	575.00	5750.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	50.00	45.00	2250.00
h. Manure	Kg.	1480.00	1.00	1480.00
i. Fertilizer	Kg.			
DAP	Kg.			0.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			
k. Management Cost	Rs.			1500.00
l. Interest on Variable Cost	Rs.			1959.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			94.00
d. Repair & Maintenance of Farm Equipment	Rs.			98.00
<u>3. Total Cost</u>	<u>Rs.</u>			51180.20
<u>4. Gross Income</u>	<u>Rs.</u>			84152.00
a. Main Product	Kg.	2680.00	30.30	81204.00
b. By-Product	Kg.	2948.00	1.00	2948.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			32971.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1799.71
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			321.60
<u>2. Value at Market</u>	<u>Kg.</u>	2465.60	34.45	84939.92
<u>3. Net Profit</u>	<u>Rs.</u>			36386.12

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhajhang

Crop: Millet
Variety: Okhale

Year: 2015/2016
Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			51420.09
a. Human Labour	Day	104.00	350.00	36400.00
b. Bullock Labour	Day	12.00	550.00	6600.00
c. Tractor Use	Hour			0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour			0.00
g. Seed	Kg.	50.00	45.00	2250.00
h. Manure	Kg.	1545.00	1.25	1931.25
i. Fertilizer	Kg.			
DAP	Kg.			0.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.			0.00
J. Plant Protection Chemical	Rs.			
k. Management Cost	Rs.			1000.00
l. Interest on Variable Cost	Rs.			1738.84
<u>2. Fixed Cost</u>	<u>Rs.</u>			225.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			87.00
d. Repair & Maintenance of Farm Equipment	Rs.			92.00
<u>3. Total Cost</u>	<u>Rs.</u>			51645.09
<u>4. Gross Income</u>	<u>Rs.</u>			86426.00
a. Main Product	Kg.	2735.00	30.50	83417.50
b. By-Product	Kg.	3008.50	1.00	3008.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			34780.91
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			1778.30
<u>B. MARKETING COST & MARGIN</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			328.20
<u>2. Value at Market</u>	<u>Kg.</u>	2516.20	34.75	87437.95
<u>3. Net Profit</u>	<u>Rs.</u>			38473.16

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Banke

Crop: Potato
 Variety: Khumal Seto
 Sowing Time: Kartik/Mangsir

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Magh/Falgun

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			270479.04
a. Human Labor	Days	165	425.00	70125.00
b. Bullock Labor	Days	7	725.00	5075.00
c. Tractor Use	Hours	5	1100.00	5500.00
d. Pumpset Use	Hours	10	250.00	2500.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	1750	80.00	140000.00
g. Manure	Kg.	11986	1.00	11986.00
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	65	50.00	3250.00
Potash	Kg.	40	36.00	1440.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
m. Interest on Variable Cost	Rs.			10403.04
<u>2. Fixed Cost</u>	<u>Rs.</u>			259.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			99.00
<u>3. Total Costs</u>	<u>Rs.</u>			270738.04
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			491577.50
a. Main Product	Kg.	24890	19.75	491577.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			220839.46
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1087.74
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2489.00
<u>b. Value at Market</u>	<u>Kg.</u>	23645.5	23.80	562762.90
<u>c. Net Profit</u>	<u>Rs.</u>			289535.86

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Udaypur

Crop: Potato
 Variety: Janakdev
 Sowing Time: Mangsir/Poush

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Chaitra/Baishakh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			268874.84
a. Human Labor	Days	175	425.00	74375.00
b. Bullock Labor	Days	7	650.00	4550.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	10	250.00	2500.00
e. Sprayer Use	Hours	12	23.00	276.00
f. Seed	Kg.	1700	80.00	136000.00
g. Manure	Kg.	12678	1.25	15847.50
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	65	50.00	3250.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1555.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			10341.34
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			96.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			269114.84
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			460890.50
a. Main Product	Kg.	24913	18.50	460890.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			191775.66
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1080.22
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2491.30
<u>b. Value at Market</u>	<u>Kg.</u>	23667.35	21.60	511214.76
<u>c. Net Profit</u>	<u>Rs.</u>			239608.62

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Rasuwa

Crop: Potato
Variety: Khumal Seto
Sowing Time: Falgun

Year: 2015/2016
Condition : Unirrigated/Main Season
Harvesting Time: Bhadra/Aswin

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			285188.80
a. Human Labor	Days	215	425.00	91375.00
b. Bullock Labor	Days	13	750.00	9750.00
c. Power Tiller Use	Hours	0	0.00	0.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	10	25.00	250.00
f. Seed	Kg.	1650	85.00	140250.00
g. Manure	Kg.	13800	1.00	13800.00
h. Fertilizer				0.00
Urea	Kg.	65	25.00	1625.00
D.A.P	Kg.	80	52.00	4160.00
Potash	Kg.	30	37.00	1110.00
i. Plant Protection Chemicals	Rs.			1400.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			10968.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			237.00
a. Land Tax	Rs.			49.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			96.00
<u>3. Total Costs</u>	<u>Rs.</u>			285425.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			630720.00
a. Main Product	Kg.	26280	24.00	630720.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			345294.20
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1086.10
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2628.00
<u>b. Value at Market</u>	<u>Kg.</u>	24966	28.25	705289.50
<u>c. Net Profit</u>	<u>Rs.</u>			417235.70

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Accham

Crop: Potato
Variety: Khumal Rato
Sowing Time: Mangsir/Poush

Year: 2015/2016
Condition : Unirrigated/Main Season
Harvesting Time: Chaitra/Baishakh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			254493.20
a. Human Labor	Days	160	375.00	60000.00
b. Bullock Labor	Days	15	550.00	8250.00
c. Power Tiller Use	Hours	0	0.00	0.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	1750	85.00	148750.00
g. Manure	Kg.	11655	1.00	11655.00
h. Fertilizer				0.00
Urea	Kg.	50	25.00	1250.00
D.A.P	Kg.	40	52.00	2080.00
Potash	Kg.	20	36.00	720.00
i. Plant Protection Chemicals	Rs.			1300.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			9788.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			222.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			82.00
d. Depreciation	Rs.			94.00
<u>3. Total Costs</u>	<u>Rs.</u>			254715.20
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			553730.50
a. Main Product	Kg.	23563	23.50	553730.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			299015.30
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1081.00
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2356.30
<u>b. Value at Market</u>	<u>Kg.</u>	22384.85	27.55	616702.62
<u>c. Net Profit</u>	<u>Rs.</u>			359631.12

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bajura

Crop: Potato
 Variety: Khumal Rato
 Sowing Time: Falgun

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Bhadra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			255028.80
a. Human Labor	Days	165	350.00	57750.00
b. Bullock Labor	Days	16	600.00	9600.00
c. Power Tiller Use	Hours	0	0.00	0.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	1895	80.00	151600.00
g. Manure	Kg.	11545	1.00	11545.00
h. Fertilizer				0.00
Urea	Kg.	45	26.00	1170.00
D.A.P	Kg.	30	52.00	1560.00
Potash	Kg.	0	0.00	0.00
i. Plant Protection Chemicals	Rs.			1295.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			9808.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			217.00
a. Land Tax	Rs.			41.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			87.00
d. Depreciation	Rs.			89.00
<u>3. Total Costs</u>	<u>Rs.</u>			255245.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			513592.50
a. Main Product	Kg.	21855	23.50	513592.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			258346.70
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1167.91
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2185.50
<u>b. Value at Market</u>	<u>Kg.</u>	20762.25	27.40	568885.65
<u>c. Net Profit</u>	<u>Rs.</u>			311454.35

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Myagdi

Crop: Potato
Variety: Khumal Laxmi
Sowing Time: Falgun

Year: 2015/2016
Condition : Unirrigated/Main Season
Harvesting Time: Bhadra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			243687.60
a. Human Labor	Days	174	375.00	65250.00
b. Bullock Labor	Days	18	575.00	10350.00
c. Power Tiller Use	Hours	0	0.00	0.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	8	20.00	160.00
f. Seed	Kg.	1725	75.00	129375.00
g. Manure	Kg.	10550	1.00	10550.00
h. Fertilizer				0.00
Urea	Kg.	65	25.00	1625.00
D.A.P	Kg.	80	50.00	4000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1425.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			9372.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			233.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			89.00
d. Depreciation	Rs.			96.00
<u>3. Total Costs</u>	<u>Rs.</u>			243920.60
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			522405.00
a. Main Product	Kg.	22230	23.50	522405.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			278484.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1097.26
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2223.00
<u>b. Value at Market</u>	<u>Kg.</u>	21118.5	27.30	576535.05
<u>c. Net Profit</u>	<u>Rs.</u>			330391.45

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Saptari

Crop: Potato
Variety: Khumal Laxmi
Sowing Time: Kartik/Mangsir

Year: 2015/2016
Condition : Irrigated/Main Season
Harvesting Time: Magh/Falgun

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			258486.80
a. Human Labor	Days	155	380.00	58900.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Tractor Use	Hours	7	1000.00	7000.00
d. Pumpset Use	Hours	10	250.00	2500.00
e. Sprayer Use	Hours	12	20.00	240.00
f. Seed	Kg.	1750	80.00	140000.00
g. Manure	Kg.	12055	1.00	12055.00
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	60	50.00	3000.00
Potash	Kg.	40	35.00	1400.00
i. Plant Protection Chemicals	Rs.			1700.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
m. Interest on Variable Cost	Rs.			9941.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			263.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			95.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			258749.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			444588.75
a. Main Product	Kg.	21955	20.25	444588.75
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			185838.95
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1178.55
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2195.50
<u>b. Value at Market</u>	<u>Kg.</u>	20857.25	22.15	461988.09
<u>c. Net Profit</u>	<u>Rs.</u>			201042.79

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Potato
 Variety: Kufri Sinduri
 Sowing Time: Mangsir/Poush

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Chaitra/Baishakh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			289928.60
a. Human Labor	Days	160	450.00	72000.00
b. Bullock Labor	Days	4	700.00	2800.00
c. Tractor Use	Hours	8	1000.00	8000.00
d. Pumpset Use	Hours	10	900.00	9000.00
e. Sprayer Use	Hours	12	20.00	240.00
f. Seed	Kg.	1730	85.00	147050.00
g. Manure	Kg.	12350	1.25	15437.50
h. Fertilizer				0.00
Urea	Kg.	90	25.00	2250.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	40	35.00	1400.00
i. Plant Protection Chemicals	Rs.			1600.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			11151.10
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			95.00
d. Depreciation	Rs.			105.00
<u>3. Total Costs</u>	<u>Rs.</u>			290207.60
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			512130.00
a. Main Product	Kg.	23820	21.50	512130.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			221922.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1218.34
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2382.00
<u>b. Value at Market</u>	<u>Kg.</u>	22629	23.75	537438.75
<u>c. Net Profit</u>	<u>Rs.</u>			244849.15

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bardia

Crop: Cauliflower
 Variety: Dolpa Snowball
 Planting Time: Kartik

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Poush/Magh

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			150805.20
a. Human Labor	Days	249	375.00	93375.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Tractor Use	Hours	6	950.00	5700.00
d. Pumpset Use	Hours	15	250.00	3750.00
e. Sprayer Use	Hours	14	20.00	280.00
f. Seed	Kg.	0.6	1600.00	960.00
g. Manure	Kg.	14250	1.00	14250.00
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	60	50.00	3000.00
Potash	Kg.	40	36.00	1440.00
i. Plant Protection Chemicals	Rs.			1150.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5800.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			286.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			98.00
d. Depreciation	Rs.			105.00
<u>3. Total Costs</u>	<u>Rs.</u>			151091.20
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			315375.00
a. Main Product	Kg.	16820	18.75	315375.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			164283.80
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			898.28
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4205.00
<u>b. Value at Market</u>	<u>Kg.</u>	15979	21.60	345146.40
<u>c. Net Profit</u>	<u>Rs.</u>			189850.20

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Baglung

Crop: Cauliflower
 Variety: Kiwi Gaint
 Planting Time: Aswin

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Poush/Magh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			143730.08
a. Human Labor	Days	236	380.00	89680.00
b. Bullock Labor	Days	7	550.00	3850.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	12	20.00	240.00
f. Seed	Kg.	0.5	5000.00	2500.00
g. Manure	Kg.	13842	1.00	13842.00
h. Fertilizer				0.00
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	55	53.00	2915.00
Potash	Kg.	40	36.00	1440.00
i. Plant Protection Chemicals	Rs.			1260.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5528.08
<u>2. Fixed Cost</u>	<u>Rs.</u>			231.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			90.00
d. Depreciation	Rs.			95.00
<u>3. Total Costs</u>	<u>Rs.</u>			143961.08
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			303488.40
a. Main Product	Kg.	16143	18.80	303488.40
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			159527.32
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			891.79
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4035.75
<u>b. Value at Market</u>	<u>Kg.</u>	15335.85	22.15	339689.08
<u>c. Net Profit</u>	<u>Rs.</u>			191692.25

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Cauliflower
 Variety: Snow March
 Planting Time: Kartik

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Poush/Magh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			173872.40
a. Human Labor	Days	233	450.00	104850.00
b. Bullock Labor	Days	4	700.00	2800.00
c. Tractor Use	Hours	5	1000.00	5000.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	15	20.00	300.00
f. Seed	Kg.	0.3	40000.00	12000.00
g. Manure	Kg.	12548	1.25	15685.00
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	35.00	1050.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			6687.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			95.00
d. Depreciation	Rs.			105.00
<u>3. Total Costs</u>	<u>Rs.</u>			174151.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			345093.75
a. Main Product	Kg.	16875	20.45	345093.75
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			170942.35
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1032.01
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4218.75
<u>b. Value at Market</u>	<u>Kg.</u>	16031.25	24.10	386353.13
<u>c. Net Profit</u>	<u>Rs.</u>			207982.98

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kavrepalanchok

Crop: Cauliflower
 Variety: Bhaktapur Local
 Planting Time: Ashad

Year: 2015/2016
 Condition : Unirrigated/Offseason
 Harvesting Time: Aswin/Kartik

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			163030.40
a. Human Labor	Days	244	400.00	97600.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Power Tiller Use	Hours	13	550.00	7150.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	15	20.00	300.00
f. Seed	Kg.	0.45	1050.00	472.50
g. Manure	Kg.	15198	1.25	18997.50
h. Fertilizer				0.00
Urea	Kg.	85	25.00	2125.00
D.A.P	Kg.	65	50.00	3250.00
Potash	Kg.	40	36.00	1440.00
i. Plant Protection Chemicals	Rs.			1675.00
j. Management Cost	Rs.			2000.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			6270.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			244.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			105.00
<u>3. Total Costs</u>	<u>Rs.</u>			163274.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			421250.00
a. Main Product	Kg.	16850	25.00	421250.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			257975.60
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			968.99
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4212.50
<u>b. Value at Market</u>	<u>Kg.</u>	16007.5	28.75	460215.63
<u>c. Net Profit</u>	<u>Rs.</u>			292728.73

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhanusa

Crop: Cauliflower
 Variety: Sarlahi Dipali
 Planting Time: Ashad/Shrawan

Year: 2015/2016
 Condition : Irrigated/Offseason
 Harvesting Time: Bhadra/Aswin

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			139771.84
a. Human Labor	Days	239	375.00	89625.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Tractor Use	Hours	5	1000.00	
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	16	20.00	320.00
f. Seed	Kg.	0.7	1550.00	1085.00
g. Manure	Kg.	14156	1.00	14156.00
h. Fertilizer				0.00
Urea	Kg.	70	23.00	1610.00
D.A.P	Kg.	50	49.00	2450.00
Potash	Kg.	30	35.00	1050.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5375.84
<u>2. Fixed Cost</u>	<u>Rs.</u>			272.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			140043.84
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			252652.50
a. Main Product	Kg.	8865	28.50	252652.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			112608.66
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1579.74
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2216.25
<u>b. Value at Market</u>	<u>Kg.</u>	8421.75	32.40	272864.70
<u>c. Net Profit</u>	<u>Rs.</u>			130604.61

Note: Nursery bed preparation is done one month ahead of planting time.

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE
DISTRICT: Kanchanpur**

Crop: Cabbage
Variety: Golden Acer
Planting Time: Bhadra/Aswin

Year: 2015/2016
Condition : Irrigated/Main Season
Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			136624.80
a. Human Labor	Days	210	400.00	84000.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Tractor Use	Hours	5	950.00	4750.00
d. Pumpset Use	Hours	16	250.00	4000.00
e. Sprayer Use	Hours	14	20.00	280.00
f. Seed	Kg.	0.5	1500.00	750.00
g. Manure	Kg.	12260	1.00	12260.00
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			750.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5254.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			260.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			96.00
<u>3. Total Costs</u>	<u>Rs.</u>			136884.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			345841.00
a. Main Product	Kg.	24355	14.20	345841.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			208956.20
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			562.04
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			6088.75
<u>b. Value at Market</u>	<u>Kg.</u>	23137.25	16.35	378294.04
<u>c. Net Profit</u>	<u>Rs.</u>			235320.49

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Makwanpur

Crop: Cabbage
 Variety: Copenhagen Market
 Planting Time: Aswin/Kartik

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Poush/Magh

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			147359.68
a. Human Labor	Days	226	410.00	92660.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	14	20.00	280.00
f. Seed	Kg.	0.5	1400.00	700.00
g. Manure	Kg.	13862	1.00	13862.00
h. Fertilizer				0.00
Urea	Kg.	55	25.00	1375.00
D.A.P	Kg.	35	51.00	1785.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			750.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			5667.68
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			147599.68
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			326586.00
a. Main Product	Kg.	25122	13.00	326586.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			178986.32
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			587.53
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			6280.50
<u>b. Value at Market</u>	<u>Kg.</u>	23865.9	15.25	363954.98
<u>c. Net Profit</u>	<u>Rs.</u>			210074.80

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Arghakhachi

Crop: Cabbage
 Variety: Golden Acer
 Planting Time: Shrawan/Bhadra

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Kartik/Mangsir

Particulars	Units	Quantity	Rs/Unit	Total
A. AVERAGE COST OF PRODUCTION				
1. Variable Cost	Rs.			138098.48
a. Human Labor	Days	248	375.00	93000.00
b. Bullock Labor	Days	5	600.00	3000.00
c. Power Tiller Use	Hours	10	550.00	5500.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	13	20.00	260.00
f. Seed	Kg.	0.5	1400.00	700.00
g. Manure	Kg.	14522	1.00	14522.00
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			475.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5311.48
2. Fixed Cost	Rs.			229.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			92.00
3. Total Costs	Rs.			138327.48
4. Gross Income at Farm Gate	Rs.			328310.40
a. Main Product	Kg.	24872	13.20	328310.40
5. Net Profit at Farm Gate	Rs.			189982.92
6. Production Cost Per Quintal	Rs.			556.16
B. MARKETING AT NEAREST WHOLESALE MARKET				
a. Marketing Cost	Rs.			6218.00
b. Value at Market	Kg.	23628.4	15.75	372147.30
c. Net Profit	Rs.			227601.82

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Parbat

Crop: Cabbage
 Variety: Green Coronate
 Planting Time: Mangsir

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Falgun/Chaitra

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			135106.40
a. Human Labor	Days	228	375.00	85500.00
b. Bullock Labor	Days	5	575.00	2875.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	14	20.00	280.00
f. Seed	Kg.	0.3	20000.00	6000.00
g. Manure	Kg.	13425	1.00	13425.00
h. Fertilizer				0.00
Urea	Kg.	50	25.00	1250.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			400.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5196.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			95.00
<u>3. Total Costs</u>	<u>Rs.</u>			135346.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			334776.00
a. Main Product	Kg.	25752	13.00	334776.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			199429.60
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			525.58
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			6438.00
<u>b. Value at Market</u>	<u>Kg.</u>	24464.4	16.25	397546.50
<u>c. Net Profit</u>	<u>Rs.</u>			255762.10

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Illam

Crop: Cabbage
 Variety: Green Stone
 Planting Time: Kartik/Mangsir

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Falgun/Chaitra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			146151.20
a. Human Labor	Days	238	400.00	95200.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	14	550.00	7700.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	14	20.00	280.00
f. Seed	Kg.	0.3	22000.00	6600.00
g. Manure	Kg.	12650	1.00	12650.00
h. Fertilizer				0.00
Urea	Kg.	60	25.00	1500.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			420.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5621.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			146422.20
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			315600.75
a. Main Product	Kg.	24753	12.75	315600.75
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			169178.55
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			591.53
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			6188.25
<u>b. Value at Market</u>	<u>Kg.</u>	23515.35	15.55	365663.69
<u>c. Net Profit</u>	<u>Rs.</u>			213053.24

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kailali

Crop: Pointed Gourd
 Variety: Improved
 Planting Time: Kartik

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Chaitra/Baishakh

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			164803.50
a. Human Labor	Days	222	375.00	83250.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Tractor Use	Hours	6	850.00	5100.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	19	25.00	475.00
f. Cuttings	No.	7800	1.00	7800.00
g. Manure	Kg.	12150	1.00	12150.00
h. Fertilizer				
Urea	Kg.	90	25.00	2250.00
D.A.P	Kg.	60	50.00	1500.00
Potash	Kg.	30	36.00	1500.00
i. Plant Protection Chemicals	Rs.			1700.00
j. Management Cost	Rs.			6000.00
k. Land Lease	Rs.			27000.00
l. Interest on Variable Cost	Rs.			9328.50
<u>2. Fixed Cost</u>	<u>Rs.</u>			530.00
a. Land Tax	Rs.			90.00
b. Water Tax	Rs.			60.00
c. Repair and Maintenance	Rs.			188.00
d. Depreciation	Rs.			192.00
<u>3. Total Costs</u>	<u>Rs.</u>			165333.50
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			323944.50
a. Main Product	Kg.	14894	21.75	323944.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			158611.00
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1110.07
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			7447.00
<u>b. Value at Market</u>	<u>Kg.</u>	14149.3	25.50	360807.15
<u>c. Net Profit</u>	<u>Rs.</u>			188026.65

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Saptari

Crop: Pointed Gourd
Variety: Improved
Planting Time: Kartik

Year: 2015/2016
Condition : Irrigated/Main Season
Harvesting Time: Chaitra/Baishakh

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			167755.60
a. Human Labor	Days	226	380.00	85880.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Tractor Use	Hours	6	1000.00	6000.00
d. Pumpset Use	Hours	15	250.00	3750.00
e. Sprayer Use	Hours	16	20.00	320.00
f. Cuttings	No.	7755	1.00	7755.00
g. Manure	Kg.	11780	1.00	11780.00
h. Fertilizer				
Urea	Kg.	85	25.00	2125.00
D.A.P	Kg.	60	50.00	1500.00
Potash	Kg.	35	35.00	1750.00
i. Plant Protection Chemicals	Rs.			1800.00
j. Management Cost	Rs.			6000.00
k. Land Lease	Rs.			27000.00
l. Interest on Variable Cost	Rs.			9495.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			526.00
a. Land Tax	Rs.			100.00
b. Water Tax	Rs.			40.00
c. Repair and Maintenance	Rs.			190.00
d. Depreciation	Rs.			196.00
<u>3. Total Costs</u>	<u>Rs.</u>			168281.60
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			299710.00
a. Main Product	Kg.	14620	20.50	299710.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			131428.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1151.04
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			7310.00
<u>b. Value at Market</u>	<u>Kg.</u>	13889	24.15	335419.35
<u>c. Net Profit</u>	<u>Rs.</u>			159827.75

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Pointed Gourd
 Variety: Improved
 Planting Time: Kartik

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Chaitra/Baishakh

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			164729.30
a. Human Labor	Days	222	375.00	83250.00
b. Bullock Labor	Days	5	625.00	3125.00
c. Tractor Use	Hours	6	950.00	5700.00
d. Pumpset Use	Hours	15	250.00	3750.00
e. Sprayer Use	Hours	15	20.00	300.00
f. Cuttings	No.	7755	1.00	7755.00
g. Manure	Kg.	11175	1.00	11175.00
h. Fertilizer				
Urea	Kg.	85	25.00	2125.00
D.A.P	Kg.	60	50.00	1500.00
Potash	Kg.	40	36.00	2000.00
i. Plant Protection Chemicals	Rs.			1725.00
j. Management Cost	Rs.			6000.00
k. Land Lease	Rs.			27000.00
l. Interest on Variable Cost	Rs.			9324.30
<u>2. Fixed Cost</u>	<u>Rs.</u>			542.00
a. Land Tax	Rs.			108.00
b. Water Tax	Rs.			50.00
c. Repair and Maintenance	Rs.			186.00
d. Depreciation	Rs.			198.00
<u>3. Total Costs</u>	<u>Rs.</u>			165271.30
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			302742.60
a. Main Product	Kg.	14732	20.55	302742.60
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			137471.30
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1121.85
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			1473.20
<u>b. Value at Market</u>	<u>Kg.</u>	13995.4	24.65	344986.61
<u>c. Net Profit</u>	<u>Rs.</u>			178242.11

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sarlahi

Crop: Bitter Gourd
 Variety: Hario Karela
 Planting Time: Magh/Falgun

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Jestha/Ashad

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			117113.04
a. Human Labor	Days	142	380.00	53960.00
b. Bullock Labor	Days	5	700.00	3500.00
c. Tractor Use	Hours	7	900.00	6300.00
d. Pumpset Use	Hours	15	200.00	3000.00
e. Sprayer Use	Hours	14	25.00	350.00
f. Seed	Kg.	2	4000.00	8000.00
g. Manure	Kg.	12864	1.00	12864.00
h. Fertilizer				
Urea	Kg.	80	24.00	1920.00
D.A.P	Kg.	50	48.00	1200.00
Potash	Kg.	30	33.00	1440.00
i. Plant Protection Chemicals	Rs.			1450.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			6629.04
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			117380.04
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			362040.50
a. Main Product	Kg.	18955	19.10	362040.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			244660.46
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			619.26
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			9477.50
<u>b. Value at Market</u>	<u>Kg.</u>	18007.3	23.65	425871.46
<u>c. Net Profit</u>	<u>Rs.</u>			299013.92

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhadhing

Crop: Bitter Gourd
 Variety: Hario Karela
 Planting Time: Falgun/Chaitra

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Jestha/Asad

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			124413.53
a. Human Labor	Days	147	380.00	55860.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	12	500.00	6000.00
d. Pumpset Use	Hours	16	250.00	4000.00
e. Sprayer Use	Hours	15	20.00	300.00
f. Seed	Kg.	2	4000.00	8000.00
g. Manure	Kg.	12765	1.25	15956.25
h. Fertilizer				
Urea	Kg.	90	25.00	2250.00
D.A.P	Kg.	60	50.00	1500.00
Potash	Kg.	45	36.00	2250.00
i. Plant Protection Chemicals	Rs.			1655.00
j. Management Cost	Rs.			2000.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			7042.28
<u>2. Fixed Cost</u>	<u>Rs.</u>			260.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			124673.53
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			402463.50
a. Main Product	Kg.	18895	21.30	402463.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			277789.98
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			659.82
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			9447.50
<u>b. Value at Market</u>	<u>Kg.</u>	17950.3	25.50	457731.38
<u>c. Net Profit</u>	<u>Rs.</u>			323610.35

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Saptari

Crop: Bitter Gourd
 Variety: Koyambatur Long
 Planting Time: Magh/Falgun

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Jestha/Ashad

-	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			113584.30
a. Human Labor	Days	142	380.00	53960.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Tractor Use	Hours	6	900.00	5400.00
d. Pumpset Use	Hours	14	200.00	2800.00
e. Sprayer Use	Hours	15	20.00	300.00
f. Seed	Kg.	2	3600.00	7200.00
g. Manure	Kg.	12620	1.00	12620.00
h. Fertilizer				
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	40	50.00	1000.00
Potash	Kg.	30	35.00	1500.00
i. Plant Protection Chemicals	Rs.			1400.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			6429.30
<u>2. Fixed Cost</u>	<u>Rs.</u>			263.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			95.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			113847.30
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			362560.25
a. Main Product	Kg.	18265	19.85	362560.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			248712.95
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			623.31
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			9132.50
<u>b. Value at Market</u>	<u>Kg.</u>	17351.8	23.55	408633.71
<u>c. Net Profit</u>	<u>Rs.</u>			285653.91

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dadeldhura

Crop: Bitter Gourd
 Variety: Koyambatur Long
 Planting Time: Chaitra/Baishakh

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Ashad/Shrawan

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			100705.30
a. Human Labor	Days	138	375.00	51750.00
b. Bullock Labor	Days	10	550.00	5500.00
c. Power Tiller Use	Hours	4	550.00	2200.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	2	3600.00	7200.00
g. Manure	Kg.	12955	1.00	12955.00
h. Fertilizer				
Urea	Kg.	60	25.00	1500.00
D.A.P	Kg.	30	50.00	750.00
Potash	Kg.	20	36.00	1000.00
i. Plant Protection Chemicals	Rs.			1250.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5700.30
<u>2. Fixed Cost</u>	<u>Rs.</u>			241.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			89.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			100946.30
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			344382.50
a. Main Product	Kg.	17890	19.25	344382.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			243436.20
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			564.26
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			8945.00
<u>b. Value at Market</u>	<u>Kg.</u>	16995.5	23.20	394295.60
<u>c. Net Profit</u>	<u>Rs.</u>			284404.30

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Cucumber
 Variety: Ninja
 Planting Time: Poush/Magh

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Chaitra/Baishakh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			302162.90
a. Human Labor	Days	130	450.00	58500.00
b. Bullock Labor	Days	5	700.00	3500.00
c. Tractor Use	Hours	6	1000.00	6000.00
d. Pumpset Use	Hours	5	900.00	4500.00
e. Sprayer Use	Hours	18	20.00	360.00
f. Seed	Kg.	3	60000.00	180000.00
g. Manure	Kg.	11625	1.25	14531.25
h. Fertilizer				
Urea	Kg.	90	25.00	2250.00
D.A.P	Kg.	40	50.00	1000.00
Potash	Kg.	30	35.00	1500.00
i. Plant Protection Chemicals	Rs.			1900.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			11621.65
<u>2. Fixed Cost</u>	<u>Rs.</u>			279.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			95.00
d. Depreciation	Rs.			105.00
<u>3. Total Costs</u>	<u>Rs.</u>			302441.90
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			646531.25
a. Main Product	Kg.	30425	21.25	646531.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			344089.35
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			994.06
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			15212.50
<u>b. Value at Market</u>	<u>Kg.</u>	28903.8	23.75	686464.06
<u>c. Net Profit</u>	<u>Rs.</u>			368809.66

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Tanahun

Crop: Cucumber
 Variety: Bhatapur Local
 Planting Time: Chaitra/Baishakh

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time:Asad/Shrawan

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			196453.40
a. Human Labor	Days	148	375.00	55500.00
b. Bullock Labor	Days	4	675.00	2700.00
c. Power Tiller Use	Hours	10	550.00	5500.00
d. Pumpset Use	Hours	15	200.00	3000.00
e. Sprayer Use	Hours	15	25.00	375.00
f. Seed	Kg.	1.5	60000.00	90000.00
g. Manure	Kg.	12210	1.25	15262.50
h. Fertilizer				
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	40	52.00	1000.00
Potash	Kg.	30	36.00	1560.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			7555.90
<u>2. Fixed Cost</u>	<u>Rs.</u>			251.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			86.00
d. Depreciation	Rs.			97.00
<u>3. Total Costs</u>	<u>Rs.</u>			196704.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			411780.00
a. Main Product	Kg.	20589	20.00	411780.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			215075.60
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			955.39
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			10294.50
<u>b. Value at Market</u>	<u>Kg.</u>	19559.6	22.50	440089.88
<u>c. Net Profit</u>	<u>Rs.</u>			233090.98

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kathmandu

Crop: Cucumber
 Variety: Bhatapur Local
 Planting Time: Chaitra/Baishakh

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Asad/Shrawan

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			233360.40
a. Human Labor	Days	140	425.00	59500.00
b. Bullock Labor	Days	0	0.00	0.00
c. Power Tiller Use	Hours	16	550.00	8800.00
d. Pumpset Use	Hours	25	250.00	6250.00
e. Sprayer Use	Hours	20	25.00	500.00
f. Seed	Kg.	1.5	60000.00	90000.00
g. Manure	Kg.	9830	2.00	19660.00
h. Fertilizer				
Urea	Kg.	90	25.00	2250.00
D.A.P	Kg.	45	50.00	1125.00
Potash	Kg.	30	36.00	1500.00
i. Plant Protection Chemicals	Rs.			1800.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			30000.00
l. Interest on Variable Cost	Rs.			8975.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			90.00
d. Depreciation	Rs.			120.00
<u>3. Total Costs</u>	<u>Rs.</u>			233625.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			490603.75
a. Main Product	Kg.	21565	22.75	490603.75
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			256978.35
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1083.35
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			10782.50
<u>b. Value at Market</u>	<u>Kg.</u>	20486.8	24.80	508071.40
<u>c. Net Profit</u>	<u>Rs.</u>			263663.50

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhankuta

Crop: Cucumber
 Variety: Malini
 Planting Time: Baishakh/Jesth

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Shrawan/Bhadra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			226007.60
a. Human Labor	Days	150	375.00	56250.00
b. Bullock Labor	Days	2	650.00	1300.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	12	250.00	3000.00
e. Sprayer Use	Hours	15	25.00	375.00
f. Seed	Kg.	2	60000.00	120000.00
g. Manure	Kg.	12565	1.00	12565.00
h. Fertilizer				
Urea	Kg.	90	25.00	2250.00
D.A.P	Kg.	45	50.00	1125.00
Potash	Kg.	35	36.00	1750.00
i. Plant Protection Chemicals	Rs.			1600.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			8692.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			85.00
d. Depreciation	Rs.			97.00
<u>3. Total Costs</u>	<u>Rs.</u>			226234.60
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			546745.00
a. Main Product	Kg.	25430	21.50	546745.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			320510.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			889.64
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			12715.00
<u>b. Value at Market</u>	<u>Kg.</u>	24158.5	23.25	561685.13
<u>c. Net Profit</u>	<u>Rs.</u>			322735.53

Note: Nursery bed preparation is done one month ahead of planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhankuta

Crop: Radish
 Variety: Tokinashi
 Sowing Time: Jestha/Ashad

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Bhadra/Ashwin

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			113938.24
a. Human Labor	Days	210	375.00	78750.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Power Tiller Use	Hours	5	550.00	2750.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	8	20.00	160.00
f. Seed	Kg.	8	500.00	4000.00
g. Manure	Kg.	4251	1.00	4251.00
h. Fertilizer				0.00
Urea	Kg.	65	25.00	1625.00
D.A.P	Kg.	45	50.00	2250.00
Potash	Kg.	20	36.00	720.00
i. Plant Protection Chemicals	Rs.			1300.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			4382.24
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			85.00
d. Depreciation	Rs.			97.00
<u>3. Total Costs</u>	<u>Rs.</u>			114165.24
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			325405.00
a. Main Product	Kg.	21550	15.10	325405.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			211239.76
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			529.77
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4310.00
<u>b. Value at Market</u>	<u>Kg.</u>	20472.5	17.50	358268.75
<u>c. Net Profit</u>	<u>Rs.</u>			239793.51

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhadhing

Crop: Radish
 Variety: Mino Early
 Sowing Time: Bhadra/Aswin

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			127381.80
a. Human Labor	Days	198	380.00	75240.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	14	550.00	7700.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	5	20.00	100.00
f. Seed	Kg.	6.5	400.00	2600.00
g. Manure	Kg.	8250	1.25	10312.50
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1600.00
j. Management Cost	Rs.			2000.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			4899.30
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			127621.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			315518.00
a. Main Product	Kg.	20356	15.50	315518.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			187896.20
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			626.95
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4071.20
<u>b. Value at Market</u>	<u>Kg.</u>	19338.2	17.50	338418.50
<u>c. Net Profit</u>	<u>Rs.</u>			206725.50

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Salyan

Crop: Radish
 Variety: Pyuthane Rato
 Sowing Time: Jesth/Ashad

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Shrawan/Bhadra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			116183.60
a. Human Labor	Days	195	360.00	70200.00
b. Bullock Labor	Days	6	625.00	3750.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	7.5	550.00	4125.00
g. Manure	Kg.	9560	1.00	9560.00
h. Fertilizer				0.00
Urea	Kg.	80	26.00	2080.00
D.A.P	Kg.	40	53.00	2120.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			4468.60
<u>2. Fixed Cost</u>	<u>Rs.</u>			239.00
a. Land Tax	Rs.			47.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			116422.60
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			365013.00
a. Main Product	Kg.	22122	16.50	365013.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			248590.40
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			526.28
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4424.40
<u>b. Value at Market</u>	<u>Kg.</u>	21015.9	18.25	383540.18
<u>c. Net Profit</u>	<u>Rs.</u>			262693.18

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Makwanpur

Crop: Radish
 Variety: White Neck
 Sowing Time: Bhadra/Aswin

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			137144.80
a. Human Labor	Days	200	410.00	82000.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Power Tiller Use	Hours	14	550.00	7700.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	12	20.00	240.00
f. Seed	Kg.	8	1450.00	10875.00
g. Manure	Kg.	4680	1.00	4680.00
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	45	51.00	2295.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			5274.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			137384.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			372640.00
a. Main Product	Kg.	23290	16.00	372640.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			235255.20
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			589.89
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			4658.00
<u>b. Value at Market</u>	<u>Kg.</u>	22125.5	18.00	398259.00
<u>c. Net Profit</u>	<u>Rs.</u>			256216.20

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Lalitpur

Crop: Radish
 Variety: Chalis Dine
 Sowing Time: Bhadra/Ashwin

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			148070.00
a. Human Labor	Days	195	450.00	87750.00
b. Bullock Labor	Days	2	600.00	1200.00
c. Power Tiller Use	Hours	10	550.00	5500.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	9	20.00	180.00
f. Seed	Kg.	9	300.00	2700.00
g. Manure	Kg.	4250	1.50	6375.00
h. Fertilizer				0.00
Urea	Kg.	60	25.00	1500.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	20	36.00	720.00
i. Plant Protection Chemicals	Rs.			1450.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			30000.00
l. Interest on Variable Cost	Rs.			5695.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			90.00
d. Depreciation	Rs.			120.00
<u>3. Total Costs</u>	<u>Rs.</u>			148335.00
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			329325.75
a. Main Product	Kg.	18765	17.55	329325.75
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			180990.75
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			790.49
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			3753.00
<u>b. Value at Market</u>	<u>Kg.</u>	17826.8	19.75	352078.31
<u>c. Net Profit</u>	<u>Rs.</u>			199990.31

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Jajarkot

Crop: Radish
 Variety: Mino Early
 Sowing Time: Aswin/Kartik

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Mangsir/Poush

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			112736.00
a. Human Labor	Days	208	375.00	78000.00
b. Bullock Labor	Days	8	600.00	4800.00
c. Power Tiller Use	Hours	5	550.00	2750.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	6	20.00	120.00
f. Seed	Kg.	7	450.00	3150.00
g. Manure	Kg.	4355	1.00	4355.00
h. Fertilizer				0.00
Urea	Kg.	50	25.00	1250.00
D.A.P	Kg.	30	50.00	1500.00
Potash	Kg.	20	36.00	720.00
i. Plant Protection Chemicals	Rs.			1255.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			4336.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			230.00
a. Land Tax	Rs.			44.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			94.00
<u>3. Total Costs</u>	<u>Rs.</u>			112966.00
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			286047.25
a. Main Product	Kg.	18635	15.35	286047.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			173081.25
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			606.20
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			3727.00
<u>b. Value at Market</u>	<u>Kg.</u>	17703.3	18.10	320428.83
<u>c. Net Profit</u>	<u>Rs.</u>			203735.83

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kaski

Crop: Carrot
 Variety: Hybrid
 Sowing Time: Baishakh/Jestha

Year: 2015/2016
 Condition : Irrigated/Offseason
 Harvesting Time: Bhadra/Aswin

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			193627.20
a. Human Labor	Days	148	425.00	62900.00
b. Bullock Labor	Days	2	600.00	1200.00
c. Power Tiller Use	Hours	14	550.00	7700.00
d. Pumpset Use	Hours	8	250.00	2000.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	5	16200.00	81000.00
g. Manure	Kg.	8450	1.00	8450.00
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1400.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			7447.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			353.00
a. Land Tax	Rs.			65.00
b. Water Tax	Rs.			40.00
c. Repair and Maintenance	Rs.			110.00
d. Depreciation	Rs.			138.00
<u>3. Total Costs</u>	<u>Rs.</u>			193980.20
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			344085.00
a. Main Product	Kg.	12180	28.25	344085.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			150104.80
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1592.61
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2436.00
<u>b. Value at Market</u>	<u>Kg.</u>	11571	31.90	369114.90
<u>c. Net Profit</u>	<u>Rs.</u>			172698.70

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhadhing

Crop: Carrot
 Variety: Sigma
 Sowing Time: Kartik/Mangsir

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Falgun/Chaitra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			172773.90
a. Human Labor	Days	146	380.00	55480.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Tractor Use	Hours	5	550.00	2750.00
d. Pumpset Use	Hours	6	250.00	1500.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	5.5	12500.00	68750.00
g. Manure	Kg.	8135	1.25	10168.75
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1450.00
j. Management Cost	Rs.			2000.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			6645.15
<u>2. Fixed Cost</u>	<u>Rs.</u>			260.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			173033.90
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			273375.00
a. Main Product	Kg.	12150	22.50	273375.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			100341.10
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1424.15
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2430.00
<u>b. Value at Market</u>	<u>Kg.</u>	11543	23.25	268363.13
<u>c. Net Profit</u>	<u>Rs.</u>			92899.23

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Illam

Crop: Carrot
 Variety: Nepa Dream
 Sowing Time: Kartik/Mangsir

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Falgun/Chaitra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			171480.40
a. Human Labor	Days	149	400.00	59600.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	6	550.00	3300.00
d. Pumpset Use	Hours	6	250.00	1500.00
e. Sprayer Use	Hours	9	20.00	180.00
f. Seed	Kg.	6	12000.00	72000.00
g. Manure	Kg.	8525	1.00	8525.00
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1350.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			6595.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			171751.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			269738.25
a. Main Product	Kg.	12345	21.85	269738.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			97986.85
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1391.26
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2469.00
<u>b. Value at Market</u>	<u>Kg.</u>	11728	23.10	270911.03
<u>c. Net Profit</u>	<u>Rs.</u>			96690.63

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sarlahi

Crop: Carrot
 Variety: Nantis
 Sowing Time: Asahad/Shrawan

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			112377.20
a. Human Labor	Days	152	380.00	57760.00
b. Bullock Labor	Days	3	700.00	2100.00
c. Tractor Use	Hours	7	900.00	6300.00
d. Pumpset Use	Hours	10	200.00	2000.00
e. Sprayer Use	Hours	10	25.00	250.00
f. Seed	Kg.	6	1300.00	7800.00
g. Manure	Kg.	8895	1.00	8895.00
h. Fertilizer				0.00
Urea	Kg.	70	24.00	1680.00
D.A.P	Kg.	50	48.00	2400.00
Potash	Kg.	30	33.00	990.00
i. Plant Protection Chemicals	Rs.			1380.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			4322.20
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			112644.20
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			193462.50
a. Main Product	Kg.	10050	19.25	193462.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			80818.30
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1120.84
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2010.00
<u>b. Value at Market</u>	<u>Kg.</u>	9548	22.30	212909.25
<u>c. Net Profit</u>	<u>Rs.</u>			98255.05

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Carrot
 Variety: Hybrid
 Sowing Time: Chaitra/Baisakh

Year: 2015/2016
 Condition : Irrigated/Off Season
 Harvesting Time: Bhadra/Aswin

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			184470.00
a. Human Labor	Days	145	375.00	54375.00
b. Bullock Labor	Days	6	625.00	3750.00
c. Tractor Use	Hours	7	850.00	5950.00
d. Pumpset Use	Hours	7	200.00	1400.00
e. Sprayer Use	Hours	8	20.00	160.00
f. Seed	Kg.	5	16200.00	81000.00
g. Manure	Kg.	8250	1.00	8250.00
h. Fertilizer				0.00
Urea	Kg.	60	25.00	1500.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1410.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			7095.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			99.00
<u>3. Total Costs</u>	<u>Rs.</u>			184741.00
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			262025.00
a. Main Product	Kg.	11750	22.30	262025.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			77284.00
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1572.26
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2350.00
<u>b. Value at Market</u>	<u>Kg.</u>	11163	26.45	295248.13
<u>c. Net Profit</u>	<u>Rs.</u>			108157.13

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kailali

Crop: Carrot
Variety: Hybrid
Sowing Time: Chaitra/Baisakh

Year: 2015/2016
Condition : Irrigated/Off Season
Harvesting Time: Bhadra/Aswin

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			186196.40
a. Human Labor	Days	143	390.00	55770.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Tractor Use	Hours	7	950.00	6650.00
d. Pumpset Use	Hours	8	250.00	2000.00
e. Sprayer Use	Hours	10	20.00	200.00
f. Seed	Kg.	5	16200.00	81000.00
g. Manure	Kg.	7650	1.00	7650.00
h. Fertilizer				0.00
Urea	Kg.	60	25.00	1500.00
D.A.P	Kg.	45	50.00	2250.00
Potash	Kg.	25	36.00	900.00
i. Plant Protection Chemicals	Rs.			1365.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			7161.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			96.00
<u>3. Total Costs</u>	<u>Rs.</u>			186461.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			266666.25
a. Main Product	Kg.	11985	22.25	266666.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			80204.85
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1555.79
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			2397.00
<u>b. Value at Market</u>	<u>Kg.</u>	11386	26.30	299445.23
<u>c. Net Profit</u>	<u>Rs.</u>			110586.83

AVERAGE COST OF PRODUCTION & MARGIN PER PLASTIC SHED

DISTRICT: Lalitpur

Crop: Tomato
 Variety: Srijana
 Planting Time: Chaitra

Year: 2015/2016
 Condition : 5m X 20m Tunnel
 Harvesting Time: From 3 to 10 months

Particulars	Units	Quantity	Rs/Unit	Total
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			35063.84
a. Human Labor				
Shed Making Labors	Days	5	650.00	3250.00
Field Labors	Days	20	450.00	9000.00
b. Plastic Sheets	Meters	120	50.00	6000.00
c. Bamboo Poles	No.	30	150.00	4500.00
d. Ropes	Kg.	2	100.00	200.00
e. Nails	Kg.	1	100.00	100.00
f. Electricity Use	Rs.			300.00
g. Sprayer Use	Hours	12	20.00	240.00
h. Seed	gm	3	350.00	1050.00
i. Manure				0.00
Oil Cakes	Kg.	5	20.00	100.00
Organic Manures	Kg.	42	2.00	84.00
j. Fertilizer				0.00
Urea	Kg.	10	25.00	250.00
D.A.P	Kg.	5	50.00	250.00
Potash	Kg.	3	36.00	108.00
Multiplex				150.00
Zinc & Borex				100.00
k. Plant Protection Chemicals	Rs.			100.00
l. Management Cost	Rs.			3000.00
m. Land Lease	Rs.			2000.00
n. Others	Rs.			525.00
o. Interest on Variable Cost	Rs.			3756.84
<u>2. Fixed Cost</u>	<u>Rs.</u>			132.00
a. Land Tax	Rs.			27.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			45.00
d. Depreciation	Rs.			60.00
<u>3. Total Costs</u>	<u>Rs.</u>			35195.84
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			
a. Main Product	<u>Kg.</u>	2312.50	20.00	46250.00
No of Plants	No.	250		
Production Per Plants	Kg.	250	9.25	2312.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			11054.16
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			1521.98
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			1156.25
<u>b. Value at Market</u>	<u>Kg.</u>	2081.25	21.75	45267.19
<u>c. Net Profit</u>	<u>Rs.</u>			8915.10

Note: Three Tunnels can be made in a Ropani of land & can be used for two consecutive years after some maintenance. Cost per Quintal seems higher in the first year due to the shed construction.

AVERAGE COST OF PRODUCTION & MARGIN PER PLASTIC SHED

DISTRICT: Kavrepalanchok

Crop: Tomato
 Variety: Manisha
 Planting Time: Chaitra

Year: 2015/2016
 Condition : 5m X 20m Tunnel
 Harvesting Time: From 3 to 10 months

Particulars	Units	Quantity	Rs/Unit	Total
A. AVERAGE COST OF PRODUCTION				
1. Variable Cost	Rs.			30320.08
a. Human Labor				
Shed Making Labors	Days	5	500.00	2500.00
Field Labors	Days	20	400.00	8000.00
b. Plastic Sheets	Meters	120	50.00	6000.00
c. Bamboo Poles	No.	30	100.00	3000.00
d. Ropes	Kg.	2	100.00	200.00
e. Nails	Kg.	1	100.00	100.00
f. Electricity Use	Rs.			210.00
g. Sprayer Use	Hours	14	20.00	280.00
h. Seed	gm	3.5	350.00	1225.00
i. Manure				0.00
Oil Cakes	Kg.	3	17.00	51.00
Organic Manures	Kg.	46	1.25	57.50
j. Fertilizer				0.00
Urea	Kg.	9	25.00	225.00
D.A.P	Kg.	5	50.00	250.00
Potash	Kg.	3	36.00	108.00
Multiplex				100.00
Zinc & Borex				80.00
k. Plant Protection Chemicals	Rs.			85.00
l. Management Cost	Rs.			2600.00
m. Land Lease	Rs.			1500.00
n. Others	Rs.			500.00
o. Interest on Variable Cost	Rs.			3248.58
2. Fixed Cost	Rs.			122.00
a. Land Tax	Rs.			23.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			47.00
d. Depreciation	Rs.			52.00
3. Total Costs	Rs.			30442.08
4. Gross Income at Farm Gate	Rs.			
a. Main Product	Kg.	2318.75	18.25	42317.19
No of Plants	No.	265		
Production Per Plants	Kg.	265	8.75	2318.75
5. Net Profit at Farm Gate	Rs.			11875.11
6. Production Cost Per Quintal	Rs.			1312.87
B. MARKETING AT NEAREST WHOLESALE MARKET				
a. Marketing Cost	Rs.			1159.38
b. Value at Market	Kg.	2086.875	20.10	41946.19
c. Net Profit	Rs.			10344.73

Note: Three Tunnels can be made in a Ropani of land & can be used for two consecutive years after some maintenance. Cost per Quintal seems higher in the first year due to the shed construction.

AVERAGE COST OF PRODUCTION & MARGIN PER PLASTIC SHED

DISTRICT: Tanahun

Crop: Tomato
 Variety: Gaurab
 Planting Time: Chaitra

Year: 2015/2016
 Condition : 5m X 20m Tunnel
 Harvesting Time: From 3 to 10 months

Particulars	Units	Quantity	Rs/Unit	Total
A. AVERAGE COST OF PRODUCTION				
1. Variable Cost	Rs.			30352.00
a. Human Labor				
Shed Making Labors	Days	5	600.00	3000.00
Field Labors	Days	17	375.00	6375.00
b. Plastic Sheets	Meters	120	50.00	6000.00
c. Bamboo Poles	No.	30	150.00	4500.00
d. Ropes	Kg.	2	100.00	200.00
e. Nails	Kg.	1	100.00	100.00
f. Electricity Use	Rs.	0	0.00	200.00
g. Sprayer Use	Hours	14	20.00	280.00
h. Seed	gm	3	350.00	1050.00
i. Manure				0.00
Oil Cakes	Kg.	4	18.25	73.00
Organic Manures	Kg.	44	1.25	55.00
j. Fertilizer				0.00
Urea	Kg.	8	25.00	200.00
D.A.P	Kg.	5	52.00	260.00
Potash	Kg.	2	36.00	72.00
Multiplex				80.00
Zinc & Borex				80.00
k. Plant Protection Chemicals	Rs.			75.00
l. Management Cost	Rs.			3000.00
m. Land Lease	Rs.			1000.00
n. Others	Rs.			500.00
o. Interest on Variable Cost	Rs.			3252.00
2. Fixed Cost	Rs.			114.00
a. Land Tax	Rs.			24.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			43.00
d. Depreciation	Rs.			47.00
3. Total Costs	Rs.			30466.00
4. Gross Income at Farm Gate	Rs.			
a. Main Product	Kg.	2231.25	19.00	42393.75
No of Plants	No.	255		
Production Per Plants	Kg.	255	8.75	2231.25
5. Net Profit at Farm Gate	Rs.			11927.75
6. Production Cost Per Quintal	Rs.			1365.42
B. MARKETING AT NEAREST WHOLESALE MARKET				
a. Marketing Cost	Rs.			1115.63
b. Value at Market	Kg.	2008.125	21.60	43375.50
c. Net Profit	Rs.			11793.88

Note: Three Tunnels can be made in a Ropani of land & can be used for two consecutive years after some maintenance. Cost per Quintal seems higher in the first year due to the shed construction.

AVERAGE COST OF PRODUCTION & MARGIN PER PLASTIC SHED

DISTRICT: Makawanpur

Crop: Tomato
 Variety: Gaurab
 Planting Time: Chaitra

Year: 2015/2016
 Condition : 5m X 20m Tunnel
 Harvesting Time: From 3 to 10 months

Particulars	Units	Quantity	Rs/Unit	Total
A. AVERAGE COST OF PRODUCTION				
1. Variable Cost	Rs.			31312.96
a. Human Labor				
Shed Making Labors	Days	5	600.00	3000.00
Field Labors	Days	18	410.00	7380.00
b. Plastic Sheets	Meters	120	50.00	6000.00
c. Bamboo Poles	No.	30	150.00	4500.00
d. Ropes	Kg.	2	100.00	200.00
e. Nails	Kg.	1	100.00	100.00
f. Electricity Use	Rs.	0	0.00	180.00
g. Sprayer Use	Hours	10	20.00	200.00
h. Seed	gm	3	330.00	990.00
i. Manure				0.00
Oil Cakes	Kg.	4	16.00	64.00
Organic Manures	Kg.	46	1.00	46.00
j. Fertilizer				0.00
Urea	Kg.	8	25.00	200.00
D.A.P	Kg.	5	51.00	255.00
Potash	Kg.	3	36.00	108.00
Multiplex				78.00
Zinc & Borex				82.00
k. Plant Protection Chemicals	Rs.			75.00
l. Management Cost	Rs.			3000.00
m. Land Lease	Rs.			1000.00
n. Others	Rs.			500.00
o. Interest on Variable Cost	Rs.			3354.96
2. Fixed Cost	Rs.			119.00
a. Land Tax	Rs.			24.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			47.00
d. Depreciation	Rs.			48.00
3. Total Costs	Rs.			31431.96
4. Gross Income at Farm Gate	Rs.			
a. Main Product	Kg.	2249.00	19.10	42955.90
No of Plants	No.	260		
Production Per Plants	Kg.	260	8.65	2249.00
5. Net Profit at Farm Gate	Rs.			11523.94
6. Production Cost Per Quintal	Rs.			1397.60
B. MARKETING AT NEAREST WHOLESALE MARKET				
a. Marketing Cost	Rs.			1124.50
b. Value at Market	Kg.	2024.1	21.20	42910.92
c. Net Profit	Rs.			10354.46

Note: Three Tunnels can be made in a Ropani of land & can be used for two consecutive years after some maintenance. Cost per Quintal seems higher in the first year due to the shed construction.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhaktapur

Crop: Tomato
 Variety: NCL 1
 Planting Time: Bhadra/Aswin

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Mangsir/Poush

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			190710.00
a. Human Labor	Days	240	500.00	120000.00
b. Bullock Labor	Days	0	0.00	0.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	18	25.00	450.00
f. Seed	Kg.	0.15	5000.00	750.00
g. Manure	Kg.	10205	1.00	10205.00
h. Fertilizer				0.00
Urea	Kg.	70	23.00	1610.00
D.A.P	Kg.	80	50.00	4000.00
Potash	Kg.	35	36.00	1260.00
i. Plant Protection Chemicals	Rs.			2000.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			30000.00
l. Interest on Variable Cost	Rs.			7335.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			90.00
d. Depreciation	Rs.			120.00
<u>3. Total Costs</u>	<u>Rs.</u>			190975.00
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			478960.00
a. Main Product	Kg.	23948	20.00	478960.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			287985.00
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			797.46
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			11974.00
<u>b. Value at Market</u>	<u>Kg.</u>	21553.2	21.75	468782.10
<u>c. Net Profit</u>	<u>Rs.</u>			265833.10

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nuwakot

Crop: Tomato
 Variety: Hybrid
 Planting Time: Shrawan/Bhadra

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			150449.00
a. Human Labor	Days	248	375.00	93000.00
b. Bullock Labor	Days	4	600.00	2400.00
c. Power Tiller Use	Hours	8	550.00	4400.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	16	20.00	320.00
f. Seed	Kg.	0.4	7800.00	3120.00
g. Manure	Kg.	11234	1.25	14042.50
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1550.00
j. Management Cost	Rs.			2000.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			5786.50
<u>2. Fixed Cost</u>	<u>Rs.</u>			216.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			78.00
d. Depreciation	Rs.			92.00
<u>3. Total Costs</u>	<u>Rs.</u>			150665.00
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			453473.25
a. Main Product	Kg.	22845	19.85	453473.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			302808.25
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			659.51
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			11422.50
<u>b. Value at Market</u>	<u>Kg.</u>	20560.5	21.30	437938.65
<u>c. Net Profit</u>	<u>Rs.</u>			275851.15

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kaski

Crop: Tomato
 Variety: Manisha
 Planting Time: Bhadra/Aswin

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Mangsir/Poush

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			173879.68
a. Human Labor	Days	248	425.00	105400.00
b. Bullock Labor	Days	4	600.00	2400.00
c. Power Tiller Use	Hours	12	550.00	6600.00
d. Pumpset Use	Hours	12	250.00	3000.00
e. Sprayer Use	Hours	18	20.00	360.00
f. Seed	Kg.	0.42	40000.00	16800.00
g. Manure	Kg.	10052	1.00	10052.00
h. Fertilizer				0.00
Urea	Kg.	60	25.00	1500.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1500.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			6687.68
<u>2. Fixed Cost</u>	<u>Rs.</u>			353.00
a. Land Tax	Rs.			65.00
b. Water Tax	Rs.			40.00
c. Repair and Maintenance	Rs.			110.00
d. Depreciation	Rs.			138.00
<u>3. Total Costs</u>	<u>Rs.</u>			174232.68
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			582240.00
a. Main Product	Kg.	24260	24.00	582240.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			408007.32
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			718.19
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			12130.00
<u>b. Value at Market</u>	<u>Kg.</u>	21834	25.00	545850.00
<u>c. Net Profit</u>	<u>Rs.</u>			359487.32

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhankuta

Crop: Tomato
 Variety: Manprescus
 Planting Time: Baisakh/Jesth

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Shrawan/Bhadra

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			140810.80
a. Human Labor	Days	250	375.00	93750.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	10	550.00	5500.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	0.25	4000.00	1000.00
g. Manure	Kg.	13680	1.00	13680.00
h. Fertilizer				0.00
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	60	50.00	3000.00
Potash	Kg.	40	36.00	1440.00
i. Plant Protection Chemicals	Rs.			1650.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5415.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			227.00
a. Land Tax	Rs.			45.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			85.00
d. Depreciation	Rs.			97.00
<u>3. Total Costs</u>	<u>Rs.</u>			141037.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			469840.80
a. Main Product	Kg.	21164	22.20	469840.80
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			328803.00
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			666.40
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			10582.00
<u>b. Value at Market</u>	<u>Kg.</u>	19047.6	23.25	442856.70
<u>c. Net Profit</u>	<u>Rs.</u>			291236.90

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sarlahi

Crop: Tomato
 Variety: Gaurab
 Planting Time: Bhadra/Aswin

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Mangsir/Poush

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			154320.40
a. Human Labor	Days	248	380.00	94240.00
b. Bullock Labor	Days	5	700.00	3500.00
c. Tractor Use	Hours	8	1000.00	8000.00
d. Pumpset Use	Hours	20	250.00	5000.00
e. Sprayer Use	Hours	18	20.00	360.00
f. Seed	Kg.	0.45	3500.00	1575.00
g. Manure	Kg.	11255	1.00	11255.00
h. Fertilizer				0.00
Urea	Kg.	80	24.00	1920.00
D.A.P	Kg.	60	48.00	2880.00
Potash	Kg.	35	33.00	1155.00
i. Plant Protection Chemicals	Rs.			2000.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5935.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			267.00
a. Land Tax	Rs.			52.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			154587.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			390921.30
a. Main Product	Kg.	33846	11.55	390921.30
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			236333.90
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			456.74
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			16923.00
<u>b. Value at Market</u>	<u>Kg.</u>	30461.4	12.50	380767.50
<u>c. Net Profit</u>	<u>Rs.</u>			209257.10

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Salyan

Crop: Tomato
 Variety: Hybrid
 Planting Time: Shrawan/Bhadra

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Kartik/Mangsir

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			136910.80
a. Human Labor	Days	246	360.00	88560.00
b. Bullock Labor	Days	4	625.00	2500.00
c. Power Tiller Use	Hours	10	550.00	5500.00
d. Pumpset Use	Hours	16	250.00	4000.00
e. Sprayer Use	Hours	18	20.00	360.00
f. Seed	Kg.	0.4	7800.00	3120.00
g. Manure	Kg.	10890	1.00	10890.00
h. Fertilizer				0.00
Urea	Kg.	60	26.00	1560.00
D.A.P	Kg.	40	53.00	2120.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1455.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5265.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			239.00
a. Land Tax	Rs.			47.00
b. Water Tax	Rs.			
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			137149.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			438067.50
a. Main Product	Kg.	22465	19.50	438067.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			300917.70
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			610.50
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			11232.50
<u>b. Value at Market</u>	<u>Kg.</u>	20218.5	21.10	426610.35
<u>c. Net Profit</u>	<u>Rs.</u>			278228.05

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhanusa

Crop: Brinjal

Variety: Sarlahi green

Planting Time: Ashwin/Kartik

Year: 2015/2016

Condition : Unirrigated/Main Season

Harvesting Time: Poush/Magh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			153930.40
a. Human Labor	Days	240	375.00	90000.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Tractor Use	Hours	5	1000.00	5000.00
d. Pumpset Use	Hours	16	250.00	4000.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	1	6000.00	6000.00
g. Manure	Kg.	14260	1.00	14260.00
h. Fertilizer				0.00
Urea	Kg.	90	23.00	2070.00
D.A.P	Kg.	70	49.00	3430.00
Potash	Kg.	40	35.00	1400.00
i. Plant Protection Chemicals	Rs.			1700.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5920.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			272.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			154202.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			418480.00
a. Main Product	Kg.	26155	16.00	418480.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			264277.60
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			589.57
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			13077.50
<u>b. Value at Market</u>	<u>Kg.</u>	23539.5	19.25	453135.38
<u>c. Net Profit</u>	<u>Rs.</u>			285855.48

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nawalparasi

Crop: Brinjal
 Variety: Pusa Purple Long
 Planting Time: Ashwin/Kartik

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Poush/Magh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			148522.40
a. Human Labor	Days	232	390.00	90480.00
b. Bullock Labor	Days	4	625.00	2500.00
c. Tractor Use	Hours	5	1000.00	5000.00
d. Pumpset Use	Hours	12	250.00	3000.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	1	5000.00	5000.00
g. Manure	Kg.	12145	1.00	12145.00
h. Fertilizer				0.00
Urea	Kg.	85	25.00	2125.00
D.A.P	Kg.	55	50.00	2750.00
Potash	Kg.	35	36.00	1260.00
i. Plant Protection Chemicals	Rs.			1650.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5712.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			276.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			96.00
<u>3. Total Costs</u>	<u>Rs.</u>			148798.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			400809.50
a. Main Product	Kg.	24895	16.10	400809.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			252011.10
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			597.70
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			12447.50
<u>b. Value at Market</u>	<u>Kg.</u>	22405.5	19.20	430185.60
<u>c. Net Profit</u>	<u>Rs.</u>			268939.70

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bardia

Crop: Brinjal
 Variety: Nurki
 Planting Time: Ashwin/Kartik

Year: 2015/2016
 Condition : Unirrigated/Main Season
 Harvesting Time: Poush/Magh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			149124.56
a. Human Labor	Days	240	375.00	90000.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Tractor Use	Hours	5	950.00	4750.00
d. Pumpset Use	Hours	18	250.00	4500.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	1	4800.00	4800.00
g. Manure	Kg.	12684	1.00	12684.00
h. Fertilizer				0.00
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	55	50.00	2750.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1450.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5735.56
<u>2. Fixed Cost</u>	<u>Rs.</u>			286.00
a. Land Tax	Rs.			58.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			98.00
d. Depreciation	Rs.			105.00
<u>3. Total Costs</u>	<u>Rs.</u>			149410.56
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			405720.00
a. Main Product	Kg.	25760	15.75	405720.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			256309.44
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			580.01
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			12880.00
<u>b. Value at Market</u>	<u>Kg.</u>	23184	18.60	431222.40
<u>c. Net Profit</u>	<u>Rs.</u>			268931.84

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhadhing

Crop: Capsicum
 Variety: California Wonder
 Planting Time: Magh

Year: 2015/2016
 Condition : Unirrigated/Offseason
 Harvesting Time: Baishakh/Jesth

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			143543.40
a. Human Labor	Days	200	380.00	76000.00
b. Bullock Labor	Days	7	650.00	4550.00
c. Power Tiller Use	Hours	10	500.00	5000.00
d. Pumpset Use	Hours	15	250.00	3750.00
e. Sprayer Use	Hours	15	20.00	300.00
f. Seed	Kg.	0.6	13300.00	7980.00
g. Manure	Kg.	13450	1.25	16812.50
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	45	50.00	2250.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1550.00
j. Management Cost	Rs.			2000.00
k. Land Lease	Rs.			15000.00
l. Interest on Variable Cost	Rs.			5520.90
<u>2. Fixed Cost</u>	<u>Rs.</u>			260.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			143803.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			439845.00
a. Main Product	Kg.	16756	26.25	439845.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			296041.60
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			858.22
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			8378.00
<u>b. Value at Market</u>	<u>Kg.</u>	15080.4	29.45	444117.78
<u>c. Net Profit</u>	<u>Rs.</u>			291936.38

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Syangja

Crop: Capsicum
 Variety: Wonder Bell
 Planting Time: Magh/Falgun

Year: 2015/2016
 Condition : Irrigated/Offseason
 Harvesting Time: Baishakh/Jesth

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			198842.80
a. Human Labor	Days	192	380.00	72960.00
b. Bullock Labor	Days	5	650.00	3250.00
c. Power Tiller Use	Hours	12	500.00	6000.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	18	20.00	360.00
f. Seed	Kg.	0.5	150000.00	75000.00
g. Manure	Kg.	13180	1.00	13180.00
h. Fertilizer				0.00
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	40	51.00	2040.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1450.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			7647.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			236.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			94.00
d. Depreciation	Rs.			96.00
<u>3. Total Costs</u>	<u>Rs.</u>			199078.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			629973.75
a. Main Product	Kg.	24465	25.75	629973.75
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			430894.95
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			813.73
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			12232.50
<u>b. Value at Market</u>	<u>Kg.</u>	22018.5	28.80	634132.80
<u>c. Net Profit</u>	<u>Rs.</u>			422821.50

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Bhaktapur

Crop: Capsicum
Variety: Wonder Bell
Planting Time: Magh

Year: 2015/2016
Condition : Irrigated/Offseason
Harvesting Time: Baishakh/Jesth

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			188302.40
a. Human Labor	Days	208	500.00	104000.00
b. Bullock Labor	Days	0	0.00	0.00
c. Power Tiller Use	Hours	16	500.00	8000.00
d. Pumpset Use	Hours	19	250.00	4750.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	0.6	13500.00	8100.00
g. Manure	Kg.	14570	1.00	14570.00
h. Fertilizer				0.00
Urea	Kg.	90	23.00	2070.00
D.A.P	Kg.	55	50.00	2750.00
Potash	Kg.	45	36.00	1620.00
i. Plant Protection Chemicals	Rs.			1800.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			30000.00
l. Interest on Variable Cost	Rs.			7242.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			265.00
a. Land Tax	Rs.			55.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			90.00
d. Depreciation	Rs.			120.00
<u>3. Total Costs</u>	<u>Rs.</u>			188567.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			697354.25
a. Main Product	Kg.	26365	26.45	697354.25
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			508786.85
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			715.22
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			13182.50
<u>b. Value at Market</u>	<u>Kg.</u>	23728.5	29.55	701177.18
<u>c. Net Profit</u>	<u>Rs.</u>			499427.28

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Udaypur

Crop: Capsicum
Variety: California Wonder
Planting Time: Falgun/Chaitra

Year: 2015/2016
Condition : Irrigated/Main Season
Harvesting Time: Ashad/Shrawan

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			147563.26
a. Human Labor	Days	195	425.00	82875.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	14	550.00	7700.00
d. Pumpset Use	Hours	14	250.00	3500.00
e. Sprayer Use	Hours	18	23.00	414.00
f. Seed	Kg.	0.6	13500.00	8100.00
g. Manure	Kg.	15255	1.25	19068.75
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1550.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			5675.51
<u>2. Fixed Cost</u>	<u>Rs.</u>			240.00
a. Land Tax	Rs.			46.00
b. Water Tax	Rs.			0.00
c. Repair and Maintenance	Rs.			96.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			147803.26
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			366947.00
a. Main Product	Kg.	16492	22.25	366947.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			219143.74
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			896.21
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			8246.00
<u>b. Value at Market</u>	<u>Kg.</u>	14842.8	25.10	372554.28
<u>c. Net Profit</u>	<u>Rs.</u>			216505.02

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Capsicum
 Variety: California Wonder
 Planting Time: Aswin/Kartik

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Poush/Magh

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			139368.32
a. Human Labor	Days	194	375.00	72750.00
b. Bullock Labor	Days	4	675.00	2700.00
c. Tractor Use	Hours	8	1000.00	8000.00
d. Pumpset Use	Hours	15	250.00	3750.00
e. Sprayer Use	Hours	16	20.00	320.00
f. Seed	Kg.	0.6	13500.00	8100.00
g. Manure	Kg.	14538	1.00	14538.00
h. Fertilizer				0.00
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	50	50.00	2500.00
Potash	Kg.	40	35.00	1400.00
i. Plant Protection Chemicals	Rs.			1575.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			5360.32
<u>2. Fixed Cost</u>	<u>Rs.</u>			266.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			98.00
d. Depreciation	Rs.			95.00
<u>3. Total Costs</u>	<u>Rs.</u>			139634.32
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			366528.50
a. Main Product	Kg.	16585	22.10	366528.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			226894.18
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			841.93
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			8292.50
<u>b. Value at Market</u>	<u>Kg.</u>	14926.5	25.05	373908.83
<u>c. Net Profit</u>	<u>Rs.</u>			225982.01

Note: Nursery bed is prepared one month before the planting time.

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Illam

Crop: Okra
 Variety: Parwati
 Sowing Time: Chaitra/Baisakh

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Ashad/Shrawan

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			104312.00
a. Human Labor	Days	130	400.00	52000.00
b. Bullock Labor	Days	4	650.00	2600.00
c. Power Tiller Use	Hours	8	550.00	4400.00
d. Pumpset Use	Hours	0	0.00	0.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	10	1000.00	10000.00
g. Manure	Kg.	13520	1.00	13520.00
h. Fertilizer				0.00
Urea	Kg.	70	25.00	1750.00
D.A.P	Kg.	45	50.00	2250.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1800.00
j. Management Cost	Rs.			1500.00
k. Land Lease	Rs.			9000.00
l. Interest on Variable Cost	Rs.			4012.00
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			50.00
b. Water Tax	Rs.			30.00
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			98.00
<u>3. Total Costs</u>	<u>Rs.</u>			104583.00
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			231412.50
a. Main Product	Kg.	10890	21.25	231412.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			126829.50
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			960.36
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			5445.00
<u>b. Value at Market</u>	<u>Kg.</u>	9801	25.30	247965.30
<u>c. Net Profit</u>	<u>Rs.</u>			137937.30

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Okra
 Variety: Jaya
 Sowing Time: Falgun/Chaitra

Year: 2015/2016
 Condition : Irrigated/Main Season
 Harvesting Time: Jestha/Ashad

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			114134.80
a. Human Labor	Days	125	375.00	46875.00
b. Bullock Labor	Days	4	625.00	2500.00
c. Tractor Use	Hours	5	850.00	4250.00
d. Pumpset Use	Hours	14	200.00	2800.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	10	1500.00	15000.00
g. Manure	Kg.	14690	1.00	14690.00
h. Fertilizer				0.00
Urea	Kg.	80	25.00	2000.00
D.A.P	Kg.	40	50.00	2000.00
Potash	Kg.	30	36.00	1080.00
i. Plant Protection Chemicals	Rs.			1650.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			4389.80
<u>2. Fixed Cost</u>	<u>Rs.</u>			271.00
a. Land Tax	Rs.			54.00
b. Water Tax	Rs.			25.00
c. Repair and Maintenance	Rs.			93.00
d. Depreciation	Rs.			99.00
<u>3. Total Costs</u>	<u>Rs.</u>			114405.80
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			253712.00
a. Main Product	Kg.	12560	20.20	253712.00
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			139306.20
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			910.87
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			6280.00
<u>b. Value at Market</u>	<u>Kg.</u>	11304	24.75	279774.00
<u>c. Net Profit</u>	<u>Rs.</u>			159088.20

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Banke

Crop: Okra
 Variety: Jaya
 Sowing Time: Falgun/Chaitra Harvesting

Year: 2015/2016
 Condition : Irrigated/Main Season
 Time: Jestha/Ashad

<u>Particulars</u>	<u>Units</u>	<u>Quantity</u>	<u>Rs/Unit</u>	<u>Total</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			121430.40
a. Human Labor	Days	123	425.00	52275.00
b. Bullock Labor	Days	4	725.00	2900.00
c. Tractor Use	Hours	5	1100.00	5500.00
d. Pumpset Use	Hours	15	250.00	3750.00
e. Sprayer Use	Hours	20	20.00	400.00
f. Seed	Kg.	10	1500.00	15000.00
g. Manure	Kg.	14310	1.00	14310.00
h. Fertilizer				0.00
Urea	Kg.	75	25.00	1875.00
D.A.P	Kg.	35	50.00	1750.00
Potash	Kg.	25	36.00	900.00
i. Plant Protection Chemicals	Rs.			1600.00
j. Management Cost	Rs.			3000.00
k. Land Lease	Rs.			13500.00
l. Interest on Variable Cost	Rs.			4670.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			259.00
a. Land Tax	Rs.			48.00
b. Water Tax	Rs.			20.00
c. Repair and Maintenance	Rs.			92.00
d. Depreciation	Rs.			99.00
<u>3. Total Costs</u>	<u>Rs.</u>			121689.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			254091.50
a. Main Product	Kg.	12610	20.15	254091.50
<u>5. Net Profit at Farm Gate</u>	<u>Rs.</u>			132402.10
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			965.02
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>a. Marketing Cost</u>	<u>Rs.</u>			6305.00
<u>b. Value at Market</u>	<u>Kg.</u>	11349	24.60	279185.40
<u>c. Net Profit</u>	<u>Rs.</u>			151191.00

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Morang

Crop: Sugarcane
Variety: Jeetpur -2

Year: 2015/2016
Condition: Irrigated

	Unit	Quantity Main Crop	Price	Value in Rs.	Quantity Ratoon Crop	Price	Value in Rs.
A. AVERAGE COST OF PRODUCTION							
1. Variable Cost							
a. Human Labour	Rs.			138116.16			58328.47
	Day	105.00	400.00	42000.00	21.00	410.00	8610.00
b. Bullock Labour	Day	3.00	700.00	2100.00	0.00		0.00
c. Tractor Use	Hour	5.00	900.00	4500.00	0.00		0.00
d. Pumpset Use	Hour	14.00	250.00	3500.00	16.00		0.00
e. Sprayer Use	Hour	13.00	20.00	260.00	12.00		0.00
f. Set	Qtl.	50.00	412.00	20600.00	0.00		0.00
g. Manure	Kg.	4793.00	1.00	4793.00	2396.50	1.03	2456.41
h. Fertilizer	Kg.						0.00
DAP	Kg.	95.00	50.00	4750.00	47.50	51.25	2434.38
Urea	Kg.	180.00	23.00	4140.00	90.00	23.58	2121.75
Potash	Kg.	45.00	35.00	1575.00	22.50	35.88	807.19
Zink	Kg.	10.00	110.00	1100.00	5.00	112.75	563.75
i. Plant Protection Chemicals	Rs.			1000.00			500.00
j. Management Cost	Rs.			3000.00			3000.00
k. Land Lease	Rs.			30000.00			30000.00
l. Interest on Variable Cost	Rs.			14798.16			7835.00
2. Fixed Cost	Rs.			843.00			843.00
a. Land Tax	Rs.			144.00			144.00
b. Water Tax	Rs.			105.00			105.00
c. Depreciation of Farm Equipment	Rs.			294.00			294.00
d. Repair & Maintenance of Farm Equipment	Rs.			300.00			300.00
3. Total Cost	Rs.			138959.16			59171.47
4. Gross Income at Farm Gate	Rs.			193640.00			173336.00
a. Main Product	Qtl.	470.00	412.00	193640.00	376.00	461.00	173336.00
5. Gross Profit at Farm Gate	Rs.			54680.84			114164.53
6. Production Cost Per Quintal	Rs.			295.66			157.37

Note: Ratoon crop yields 18-23% less production with 50% of inputs supplied along with the 25% of the labour incurred with same amount of plant protection chemicals, investment in fixed costs & interest on variable costs. .

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Siraha

Crop: Sugarcane
Variety: Jeetpur -4

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>		<u>Unit</u>	<u>Quantity Main Crop</u>	<u>Price</u>	<u>Value in Rs.</u>	<u>Quantity Ratoon Crop</u>	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION								
1. Variable Cost		Rs.			137593.40			58578.35
a.	Human Labour	Day	108.00	375.00	40500.00	21.60	384.38	8302.50
b.	Bullock Labour	Day	3.00	675.00	2025.00	0.00		0.00
c.	Tractor Use	Hour	5.00	900.00	4500.00	0.00		0.00
d.	Pumpset Use	Hour	18.00	200.00	3600.00	16.00		0.00
e.	Sprayer Use	Hour	11.00	20.00	220.00	12.00		0.00
f.	Set	Qtl.	50.00	412.00	20600.00	0.00		0.00
g.	Manure	Kg.	4925.00	1.25	6156.25	2462.50	1.28	3155.08
h.	Fertilizer	Kg.						0.00
	DAP	Kg.	90.00	50.00	4500.00	45.00	51.25	2306.25
	Urea	Kg.	175.00	23.00	4025.00	87.50	23.58	2062.81
	Potash	Kg.	45.00	35.00	1575.00	22.50	35.88	807.19
	Zink	Kg.	10.00	110.00	1100.00	5.00	112.75	563.75
i.	Plant Protection Chemicals	Rs.			1050.00			525.00
j.	Management Cost	Rs.			3000.00			3000.00
k.	Land Lease	Rs.			30000.00			30000.00
l.	Interest on Variable Cost	Rs.			14742.15			7855.77
2. Fixed Cost		Rs.			861.00			861.00
a.	Land Tax	Rs.			156.00			156.00
b.	Water Tax	Rs.			120.00			120.00
c.	Depreciation of Farm Equipment	Rs.			291.00			291.00
d.	Repair & Maintenance of Farm Equipment	Rs.			294.00			294.00
3. Total Cost		Rs.			138454.40			59439.35
4. Gross Income at Farm Gate		Rs.			194464.00			174073.60
a.	Main Product	Qtl.	472.00	412.00	194464.00	377.60	461.00	174073.60
5. Gross Profit at Farm Gate		Rs.			56009.60			114634.25
6. Production Cost Per Quintal		Rs.			293.34			157.41

Note: Ratoon crop yields 18-23% less production with 50% of inputs supplied along with the 25% of the labour incurred with same amount of plant protection chemicals, investment in fixed costs & interest on variable costs. .

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Parsa

Crop: Sugarcane
Variety: Jeetpur -4

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>		<u>Unit</u>	<u>Quantity Main Crop</u>	<u>Price</u>	<u>Value in Rs.</u>	<u>Quantity Ratoon Crop</u>	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION								
1. Variable Cost		Rs.			138391.68			57922.18
a.	Human Labour	Day	110.00	380.00	41800.00	22.00	389.50	8569.00
b.	Bullock Labour	Day	2.00	575.00	1150.00	0.00		0.00
c.	Tractor Use	Hour	7.00	900.00	6300.00	0.00		0.00
d.	Pumpset Use	Hour	15.00	250.00	3750.00	16.00		0.00
e.	Sprayer Use	Hour	12.00	20.00	240.00	12.00		0.00
f.	Set	Qtl.	50.00	412.00	20600.00	0.00		0.00
g.	Manure	Kg.	4984.00	1.00	4984.00	2492.00	1.03	2554.30
h.	Fertilizer	Kg.						0.00
	DAP	Kg.	85.00	51.00	4335.00	42.50	52.28	2221.69
	Urea	Kg.	170.00	24.00	4080.00	85.00	24.60	2091.00
	Potash	Kg.	35.00	35.00	1225.00	17.50	35.88	627.81
	Zink	Kg.	10.00	110.00	1100.00	5.00	112.75	563.75
i.	Plant Protection Chemicals	Rs.			1000.00			500.00
j.	Management Cost	Rs.			3000.00			3000.00
k.	Land Lease	Rs.			30000.00			30000.00
l.	Interest on Variable Cost	Rs.			14827.68			7794.63
2. Fixed Cost		Rs.			789.00			789.00
a.	Land Tax	Rs.			156.00			156.00
b.	Water Tax	Rs.			75.00			75.00
c.	Depreciation of Farm Equipment	Rs.			282.00			282.00
d.	Repair & Maintenance of Farm Equipment	Rs.			276.00			276.00
3. Total Cost		Rs.			139180.68			58711.18
4. Gross Income at Farm Gate		Rs.			195288.00			174811.20
a.	Main Product	Qtl.	474.00	412.00	195288.00	379.20	461.00	174811.20
5. Gross Profit at Farm Gate		Rs.			56107.32			116100.02
6. Production Cost Per Quintal		Rs.			293.63			154.83

Note: Ratoon crop yields 18-23% less production with 50% of inputs supplied along with the 25% of the labour incurred with same amount of plant protection chemicals, investment in fixed costs & intrest on variable costs. .

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT:Rupandehi

Crop: Sugarcane
Variety: Jeetpur -2

Year: 2015/2016
Condition: Irrigated

Particular	Unit	Quantity Main Crop	Price	Value in Rs.	Quantity Ratoon Crop	Price	Value in Rs.
A. AVERAGE COST OF PRODUCTION							
1. Variable Cost	Rs.			136763.20			58369.62
a. Human Labour	Day	107.00	400.00	42800.00	21.40	410.00	8774.00
b. Bullock Labour	Day	3.00	650.00	1950.00	0.00		0.00
c. Tractor Use	Hour	4.00	900.00	3600.00	0.00		0.00
d. Pumpset Use	Hour	14.00	200.00	2800.00	16.00		0.00
e. Sprayer Use	Hour	11.00	20.00	220.00	12.00		0.00
f. Set	Qtl.	50.00	412.00	20600.00	0.00		0.00
g. Manure	Kg.	4890.00	1.00	4890.00	2445.00	1.03	2506.13
h. Fertilizer	Kg.						0.00
DAP	Kg.	90.00	50.00	4500.00	45.00	51.25	2306.25
Urea	Kg.	170.00	25.00	4250.00	85.00	25.63	2178.13
Potash	Kg.	40.00	35.00	1400.00	20.00	35.88	717.50
Zink	Kg.	10.00	110.00	1100.00	5.00	112.75	563.75
i. Plant Protection Chemicals	Rs.			1000.00			500.00
j. Management Cost	Rs.			3000.00			3000.00
k. Land Lease	Rs.			30000.00			30000.00
l. Interest on Variable Cost	Rs.			14653.20			7823.87
2. Fixed Cost	Rs.			801.00			801.00
a. Land Tax	Rs.			144.00			144.00
b. Water Tax	Rs.			75.00			75.00
c. Depreciation of Farm Equipment	Rs.			294.00			294.00
d. Repair & Maintenance of Farm Equipment	Rs.			288.00			288.00
3. Total Cost	Rs.			137564.20			59170.62
4. Gross Income at Farm Gate	Rs.			194876.00			174442.40
a. Main Product	Qtl.	473.00	412.00	194876.00	378.40	461.00	174442.40
5. Gross Profit at Farm Gate	Rs.			57311.80			115271.78
6. Production Cost Per Quintal	Rs.			290.83			156.37

Note: Ratoon crop yields 18-23% less production with 50% of inputs supplied along with the 25% of the labour incurred with same amount of plant protection chemicals, investment in fixed costs & interest on variable costs. .

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Kailali

Crop: Sugarcane
Variety: Jeetpur -2

Year: 2015/2016
Condition: Irrigated

<u>Particular</u>		<u>Unit</u>	<u>Quantity</u> Main Crop	<u>Price</u>	<u>Value in Rs.</u>	<u>Quantity</u> Ratoon Crop	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION								
1. Variable Cost		Rs.			138754.56			58428.80
a.	Human Labour	Day	114.00	375.00	42750.00	22.80	384.38	8763.75
b.	Bullock Labour	Day	2.00	625.00	1250.00	0.00		0.00
c.	Tractor Use	Hour	6.00	875.00	5250.00	0.00		0.00
d.	Pumpset Use	Hour	16.00	225.00	3600.00	16.00		0.00
e.	Sprayer Use	Hour	12.00	20.00	240.00	12.00		0.00
f.	Set	Qtl.	50.00	412.00	20600.00	0.00		0.00
g.	Manure	Kg.	5068.00	1.00	5068.00	2534.00	1.03	2597.35
h.	Fertilizer	Kg.						0.00
	DAP	Kg.	95.00	50.00	4750.00	47.50	51.25	2434.38
	Urea	Kg.	180.00	25.00	4500.00	90.00	25.63	2306.25
	Potash	Kg.	45.00	36.00	1620.00	22.50	36.90	830.25
	Zink	Kg.	10.00	110.00	1100.00	5.00	112.75	563.75
i.	Plant Protection Chemicals	Rs.			160.00			80.00
j.	Management Cost	Rs.			3000.00			3000.00
k.	Land Lease	Rs.			30000.00			30000.00
l.	Interest on Variable Cost	Rs.			14866.56			7853.07
2. Fixed Cost		Rs.			813.00			813.00
a.	Land Tax	Rs.			174.00			174.00
b.	Water Tax	Rs.			75.00			75.00
c.	Depreciation of Farm Equipment	Rs.			276.00			276.00
d.	Repair & Maintenance of Farm Equipment	Rs.			288.00			288.00
3. Total Cost		Rs.			139567.56			59241.80
4. Gross Income at Farm Gate		Rs.			193640.00			173336.00
a.	Main Product	Qtl.	470.00	412.00	193640.00	376.00	461.00	173336.00
5. Gross Profit at Farm Gate		Rs.			54072.44			114094.20
6. Production Cost Per Quintal		Rs.			296.95			157.56

Note: Ratoon crop yields 18-23% less production with 50% of inputs supplied along with the 25% of the labour incurred with same amount of plant protection chemicals, investment in fixed costs & interest on variable costs. .

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Cotton
Variety: H 1098

Year: 2013/2014
Condition: Unirrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			71702.40
a. Human Labour	Day	136.00	375.00	51000.00
b. Bullock Labour	Day	7.00	675.00	4725.00
c. Tractor Use	Hour	0.00	0.00	0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour	16.00	20.00	320.00
g. Seed	Kg.	25.00	55.00	1375.00
h. Manure	Kg.	860.00	1.00	860.00
i. Fertilizer	Kg.			
DAP	Kg.	20.00	50.00	1000.00
Urea	Kg.	30.00	24.00	720.00
Potash	Kg.	15.00	36.00	540.00
J. Plant Protection Chemical	Rs.			480.00
k. Management Cost	Rs.			3000.00
l. Land Rent	Rs.			
m. Interest on Variable Cost	Rs.			7682.40
<u>2. Fixed Cost</u>	<u>Rs.</u>			723.00
a. Land Tax	Rs.			144.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			294.00
d. Repair & Maintenance of Farm Equipment	Rs.			285.00
<u>3. Total Cost</u>	<u>Rs.</u>			72425.40
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			81000.00
a. Main Product	Kg.	1080.00	75.00	81000.00
b. By-Product	Kg.			0.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			8574.60
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			6706.06

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Banke

Crop: Cotton
Variety: SP 37

Year: 2013/2014
Condition: Unirrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			78150.24
a. Human Labour	Day	134.00	425.00	56950.00
b. Bullock Labour	Day	6.00	725.00	4350.00
c. Tractor Use	Hour	0.00		0.00
d. Pumpset Use	Hour			0.00
e. Thresher Use	Hour			0.00
f. Sprayer Use	Hour	18.00	20.00	360.00
g. Seed	Kg.	25.00	55.00	1375.00
h. Manure	Kg.	820.00	1.00	820.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	30.00	25.00	750.00
Potash	Kg.	12.00	36.00	432.00
J. Plant Protection Chemical	Rs.			490.00
k. Management Cost	Rs.			3000.00
l. Land Rent	Rs.			
m. Interest on Variable Cost	Rs.			8373.24
<u>2. Fixed Cost</u>	<u>Rs.</u>			723.00
a. Land Tax	Rs.			144.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			294.00
d. Repair & Maintenance of Farm Equipment	Rs.			285.00
<u>3. Total Cost</u>	<u>Rs.</u>			78873.24
<u>4. Gross Income at Farm Gate</u>	<u>Rs.</u>			84630.00
a. Main Product	Kg.	1085.00	78.00	84630.00
b. By-Product	Kg.			0.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			5756.76
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			7269.42

