

खाद्यान्न बालीहरूको लाभ लागत अध्ययन तथा व्यवसायीक योजना
(Business Plan of Cereal crops with Cost of Production)

आ.व. २०८१/८२



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दुइ शब्द

नेपालमा राष्ट्रिय अर्थतन्त्रको मेरुदण्ड जसले २४.७१ प्रतिशत योगदान दिने एवम् बहुसंख्यक जनताको जिविकोपार्जनको आधारको रूपमा रहेको कृषि क्षेत्रको विकासबाट मात्र नेपालको सम्वृद्धि सम्भव छ । गरिबी निवारण, रोजगारी वृद्धि तथा दिगो विकासका लागि व्यवसायीक एवम् प्रतिस्पर्धात्मक कृषिले महत्वपूर्ण भूमिका निर्वाह गर्न सक्छ । नेपालको संविधानमा कृषि र भूमि सुधार सम्बन्धी नीति अन्तर्गत कृषि उपजको उचित मूल्य र बजार पहुँचको व्यवस्था गर्ने उल्लेख रहेको सन्दर्भ एवम् राष्ट्रिय कृषि नीति, २०६१, कृषि व्यवसाय प्रवर्द्धन नीति, २०६३, सोह्रौँ पञ्च बर्षिय योजना तथा कृषि विकास रणनीति (२०१५—२०३५) मा व्यवसायीक तथा प्रतिस्पर्धात्मक कृषि क्षेत्रको विकास गर्ने उल्लेख रहेको परिप्रेक्ष्यमा नेपालमा व्यवसायीक रूपमा खेती गरिने बालीहरूको खेती प्रविधि एवं लाभ लागत विश्लेषण सहित तयार भएको 'खाध्यान्न बालीहरूको लाभ लागत अध्ययन तथा व्यवसायीक योजना कृषि उत्पादन, व्यवसाय र विकाससँग सम्बद्ध कृषकहरू र सम्पूर्ण सरोकार वालाहरूका लागि उपयोगी हुने आशा गरेको छु । प्रकाशित पुस्तकले बालीहरूको उत्पादन योजना, बजारीकरण योजना, लगानी योजना, वित्तीय योजना एवं लाभ लागत जस्ता विषयहरूमा कृषि प्राविधिक, कृषक र उद्यमीहरूलाई प्राविधिक ज्ञान उपलब्ध गराई व्यवसायीक, प्रतिस्पर्धात्मक एवम् बजारमुखी उत्पादन प्रणाली अवलम्बन गर्न प्रोत्साहित गर्ने समेत अपेक्षा गरेको छु । यस पुस्तकमा नेपालमा व्यवसायीक रूपमा खेती गरिने खाध्यान्न बालीहरूको उत्पादन प्रविधि तथा लाभ लागत विश्लेषण प्रस्तुत गरिएको छ । यस पुस्तकमा संग्रहित सामग्रीहरू कृषि विकाससँग सम्बद्ध कार्यालय, संघ संस्था, किसान, उद्यमी, प्राविधिक एवं सरोकारवालाहरूका लागि उपयोगी हुने आशा गरिएको छ । यस सँगालो तयार गर्ने सिलसिलामा प्राप्त प्राविधिक ज्ञान एवं सल्लाह सुझावका लागि बाली विकास तथा कृषि जैविक विविधता संरक्षण केन्द्र र कृषि विभाग सहित अन्तर्गतका केन्द्रहरूलाई हार्दिक धन्यवाद दिन चाहन्छु । स्थलगत सर्भेक्षणका क्रममा तथ्याङ्क उपलब्ध गराई सहयोग गर्नुहुने कृषकहरूप्रति विशेष धन्यवाद दिन चाहन्छु । पुस्तक तयारीका क्रममा विशेषज्ञ सुझाव प्रदान गर्नुहुने विज्ञहरू एवं फिल्डमा तथ्याङ्क संकलन गर्ने ईन्टनहरू सहित प्रधानमन्त्री कृषि आधुनिकिकरण परियोजना, परियोजना कार्यान्वयन ईकाईका प्रमुख एवं कर्मचारी प्रति आभार व्यक्त गर्दछु । अन्त्यमा, यस पुस्तिका प्रकाशनमा ल्याई ज्ञानवर्द्धक र पठनीय पुस्तक तयार गर्नु भएकोमा कृषि तथा पशुपन्छी विकास मन्त्रालयका वरिष्ठ कृषि अर्थ विज्ञ डा मणिरत्न अर्याल, यस केन्द्रका प्रा. स. रामचन्द्र सापकोटा र सम्पूर्ण कर्मचारीहरूलाई बधाई तथा धन्यवाद दिन चाहन्छु । साथै, यस पुस्तिकाका सम्बन्धमा सम्बद्ध पक्षहरूबाट रचनात्मक सल्लाह, सुझाव एवं प्रतिक्रियाको अपेक्षा गर्दछु ।

आषाढ, २०८२

टीकाराम शर्मा
प्रमुख

Cost of Production and Marketing Margin of Cereal 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 production is fundamentally helpful to all the policy makers; agricultural scientist, researchers and farmer's 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 agroclimatic area. Data on the cost of cultivation play also 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.

2. Objectives:

The objective of this report is to provide information on production costs and returns of major cereal 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 margins of various crop by districts.

3. 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 Agriculture Development Offices (ADO)/Agriculture Knowledge Center (AKC)/Project Implementation Unit (PIU) under PMAMP on cost of production of agricultural crops as part of their annual program and the input data supplied by the ADO/AKC/PIU for the secondary sources. Similarly, the wholesale price data is used from the reports of FNCCI for the verification of the market price of the product.

The Survey was conducted in selected districts and the districts were purposively selected as per the prominent crops/crop zone/superzone/block/pocket. A well structured open ended questionnaire was designed and survey was conducted jointly by the Center and the PIU under PMAMP after federalization. The collected questionnaires were processed manually as well as using MS Excel program. The tentative summary of the research was presented in the Technical Committee and the advices given in the presentation is incorporated before the publication.

4. 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, 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.

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 paddy under Rainfed Condition
- b. Spring Paddy under Rainfed/Irrigated Condition
- c. Improved paddy under Irrigated Condition at hills and Terai

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 6 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 cereal crops. 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 cost of 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 manday, and it is being calculated as it usually in practiced. 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. 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/Tractors/Tillers:

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.

Tractors and Mini/Power Tillers are measured in terms of an hour basis for rented. The rate may be charged differently in different districts but in some case, district rate may be decided by government and used commonly within the district.

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 muirate 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. Now, farmers are using micronutrients are also used by farmers like Zn, Ca, Mg etc. The price charged by agrovet/dealers are used in Rs in the analysis.

5.3.4 Irrigation:

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

5.3.5 Seed (Local/Improved/Hybrid):

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, weedicides 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 4000-5000 per Hectare per Season
Midhills/Highhills:	Rs 3000-4000 per Hectare per Season
Adjoining Valleys:	Rs 4000-4500 per Hectare per Season.
Valley:	Rs 5000 per Hectare 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 3 years to 5 years going up to 10 years. The cost incurred by the producers 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 land lease cost.

Terai :	Rs 14000-18000 per Hectare
Midhills/Highhills:	Rs 10000-14000 per Hectare

Adjoining Valleys: Rs 16000-20000 per Hectare
Valley: Rs 20000-25000 per Hectare

5.3.9 Interest on Working Capital:

Interest on the working capital, charged as cash expenses incurred are calculated as 5-7 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/purchase, 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 Gross Profit at Farm Gate:

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

5.7 Net Profit:

It is the difference between the value of main product at market deducting total cost and marketing cost.

5.8 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 each 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 perishability of the commodity and ten to fifty percent per kilogram as per the commodity for the transportation and handling. 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 of the Study:

The study of the Cost of Production and Profit Margin has provided information on costs, income, profit margin and benefit cost ratio of major Cereal Crops. The study covered selected 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 had covered districts altogether with an account of 25 districts in Paddy, 20 districts in Wheat, 22 districts in Maize and 5 districts in Millet. Similarly it had covered 2 districts in Local, 7 districts in spring paddy, 6 districts in improved-irrigated Terai, 10 districts in improvedirrigated Midhills in Paddy.

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 Paddy in mid hills is presented in the table no 1 below:

Table 1 Yield, Returns, Cost, Net Profit, of Improved Paddy of Hill Districts:

tim	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Rs/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Kaski	3555.00	116128.63	119519.10	181027.71	132228.23	2909.13	16099.59	63192.68	1.14
Gorkha	3280.00	109028.50	110273.60	165968.00	121999.60	2966.54	12971.10	55365.10	1.12
Ramechhap	3532.00	114280.76	118745.84	156135.59	130401.44	2905.58	16120.68	40159.47	1.14
Pyuthan	3375.00	103812.86	113467.50	155560.50	123676.88	2773.44	19864.01	49722.64	1.19
Parbat	3492.00	111689.91	117401.04	152118.50	130845.24	2813.45	19155.33	38542.91	1.17
Baglung	3315.00	104194.35	111450.30	158894.58	123840.11	2769.37	19645.76	65101.04	1.19
Salyan	3550.00	113057.15	118925.00	177507.10	132193.13	2810.96	19135.98	75588.08	1.17
Nuwakot	3420.00	106164.70	115083.00	158106.60	124915.50	2816.73	18750.80	60132.80	1.18
Bhajhang	3375.00	103812.86	113467.50	155560.50	123676.88	2773.44	19864.01	49722.64	1.19
Doti	3492.00	111689.91	117401.04	152118.50	130845.24	2813.45	19155.33	38542.91	1.17
Average	3438.60	109385.96	115573.39	161299.76	127462.22	2835.21	18076.26	53607.03	1.17

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 Spring Paddy is presented in the table no 2 below:

Table 2 Yield, Returns, Cost, Net Profit, of Spring Paddy of Terai and Mid hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Kailali	4345.00	99896.84	121660.00	176950.13	131219.00	2079.12	31322.16	84526.68	1.31
Banke	4525.00	103232.19	126700.00	208150.00	137888.06	2034.12	34655.87	113933.87	1.34
Chitwan	4275.00	98278.33	119700.00	176985.00	130269.94	2051.66	31991.61	87224.61	1.33
Gorkha	4010.00	86711.80	114285.00	148859.22	121202.25	1989.89	34490.45	67139.87	1.40
Tanahun	3910.00	91566.61	110066.50	140650.52	119509.15	2100.36	27942.54	56649.76	1.31
Pyuthan	3810.00	90101.13	107061.00	133723.38	116481.23	2117.61	26380.10	51213.68	1.29
Dhanusa	4325.00	106625.11	123046.25	157767.35	133739.81	2218.07	27114.70	59759.80	1.25
Average	4171.43	96630.29	117502.68	163297.94	127187.06	2084.40	30556.78	74349.75	1.32

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 3 below:

Table 3 Yield, Returns, Cost, Net Profit of Improved Irrigated Paddy of Terai Districts :

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Jhapa	4026.00	132940.24	135354.12	174269.44	155282.82	2807.04	22342.58	39396.72	1.17
Morang	3405.00	113876.27	114476.10	163365.09	128521.73	2931.88	14645.46	47854.42	1.13
Chitwan	4255.00	140019.01	143053.10	212171.32	161402.79	2859.44	21383.78	69599.31	1.15
Rautahat	3615.00	114861.30	121644.75	158141.79	132037.88	2889.85	17176.58	51938.42	1.15
Udayapur	3582.00	112048.45	120534.30	164772.00	134951.85	2725.60	22903.40	65421.74	1.20
Banke	3745.00	118919.70	126019.25	151597.60	139585.51	2813.18	20665.81	44446.56	1.17
Average	3771.33	122110.83	126846.94	170719.54	141963.76	2837.83	19852.93	53109.53	1.16

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-Irrigated Paddy of High Hills Districts is presented in the table no 4 below:

Table 4 Yields, Returns, Costs, Net Profit of Local Irrigated Paddy of High hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Jumla	2625.00	96817.01	159206.25	218919.75	169312.50	3303.27	72495.49	130948.99	1.75
Solukhumbu	2644.00	102676.53	120698.60	170881.72	130580.55	3509.63	27904.03	76818.03	1.27
Average	2634.50	99746.77	139952.43	194900.74	149946.53	3406.45	50199.76	103883.51	1.51

6.1.2 Wheat:

Among the Cereals crops, Wheat has covered 20 districts with an account of 10 districts in improved-irrigated Terai, 10 districts in improved-irrigated 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 Terai Districts is presented in the table no 5 below:

Table 5 Yield, Returns, Costs and Net Profit of Improved Irrigated Wheat of Some Terai Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Saptari	3045.00	91030.55	111142.50	123681.81	115519.69	2845.76	24489.14	35932.25	1.27
Sunsari	3290.00	95835.26	120085.00	140443.52	124436.03	2780.68	28600.77	48564.49	1.30
Rupandehi	3570.00	104668.15	130305.00	166519.08	135436.88	2788.13	30768.73	65697.61	1.29
Parsa	3450.00	97547.74	125925.00	165524.10	130090.88	2706.72	32543.13	70900.23	1.33
Chitwan	3580.00	105156.85	130670.00	161880.44	136845.50	2764.84	31688.65	61180.69	1.30
Nawalpur	3564.00	100592.32	130086.00	167550.77	135209.25	2678.71	34616.93	70798.66	1.34
Bardiya	3356.00	97174.56	122494.00	161322.92	126932.31	2763.30	29757.75	67378.51	1.31
Dang	3485.00	102419.34	127202.50	174898.21	132212.19	2795.11	29792.85	75815.76	1.29
Kapilwastu	3524.00	105309.95	128626.00	1744239.04	133691.75	2844.61	28381.80	1643571.96	1.27
Kailali	3665.00	102742.40	133772.50	130994.43	138197.99	2682.59	35455.59	31358.12	1.35
Average	3452.90	100247.71	126030.85	313705.43	130857.24	2765.04	30609.53	217119.83	1.31

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 6 below:

Table 6 Yield, Returns, Costs and Net Profit of Improved Irrigated Wheat of Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Kavre	2980.00	85501.10	108770.00	124468.64	112048.00	2759.16	26546.90	41172.74	1.31
Udaypur	3060.00	86608.75	111690.00	130062.24	115056.00	2720.35	28447.25	45717.89	1.33
Dhankuta	3115.00	94005.55	113697.50	158908.61	123291.70	2709.83	29286.15	73375.86	1.31
Khotang	2830.00	84123.06	103295.00	137730.44	106408.00	2862.55	22284.94	55701.58	1.26
Dailekh	2905.00	84429.57	106032.50	125211.31	109387.78	2790.85	24958.21	43091.22	1.30
Palpa	3025.00	86631.36	110412.50	135253.80	113906.38	2748.35	27275.01	51027.31	1.31
Parbat	3010.00	89793.52	109865.00	113121.82	114003.75	2845.67	24210.24	27105.86	1.27
Doti	3150.00	95562.55	114975.00	139683.60	118959.75	2907.23	23397.20	46593.80	1.24
Kaski	3120.00	87728.68	113880.00	151987.68	117483.60	2696.32	29754.92	66739.40	1.34
Salyan	3290.00	93656.57	120085.00	151945.36	123884.95	2731.20	30228.38	60904.34	1.32
Average	3048.50	88804.07	111270.25	136837.35	115442.99	2777.15	26638.92	51143.00	1.30

6.1.3 Maize:

Among the Cereals crops, Maize has covered 22 districts with an account of 9 districts in improved-irrigated Terai, 11 districts in improved-irrigated Midhills, and 2 districts in improved-irrigated Highhills.

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 7 below:

Table 7 Yield, Returns, Costs and Net Profit of Improved Irrigated Maize of Midhill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Dadeldhura	3010.00	81640.54	106102.50	125444.76	109895.10	2586.31	28254.56	46152.02	1.35
Surkhet	3132.00	86181.10	111969.00	140614.27	116667.00	2601.63	30485.90	57627.81	1.35
Dhankuta	2930.00	88283.76	103136.00	122110.68	107179.40	2875.10	18895.65	36463.93	1.21
Myagdi	3265.00	91901.42	112969.00	152142.47	117474.70	2676.74	25573.28	63179.55	1.28
Rolpa	3015.00	85646.45	106731.00	136887.03	110529.90	2714.68	24883.45	53592.28	1.29
Dhading	3685.00	97674.40	129896.25	170188.04	134539.35	2524.59	36864.95	75387.94	1.38
Baglung	3810.00	101690.20	126492.00	147744.18	131292.60	2543.03	29602.40	49025.78	1.29
Gulmi	3750.00	98379.80	123937.50	145417.50	128662.50	2497.46	30282.70	49962.70	1.31

Jajarkot	3185.00	83706.15	97620.25	145777.45	101633.35	2502.14	17927.20	64555.60	1.21
Doti	3122.00	86021.80	104587.00	122501.04	108333.40	2635.34	22311.60	38727.08	1.26
Dolakha	3189.00	85582.40	103642.50	148454.33	107469.30	2563.68	21886.90	65168.01	1.26
Average	3281.18	89700.73	111553.00	141571.07	115788.78	2610.97	26088.05	54531.15	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-irrigated Maize in some Terai Districts is presented in the table no 8 below:

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

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Sunsari	4065.00	110271.25	128047.50	151835.88	133169.40	2586.70	22898.15	44735.33	1.21
Banke	4022.00	108734.45	141976.60	186492.10	147044.32	2577.49	38309.87	80894.81	1.35
Dang	3855.00	102133.49	135310.50	181408.59	140167.80	2523.38	38034.31	82282.00	1.37
Dhanusa	4075.00	99314.44	139772.50	170392.05	144907.00	2311.16	45592.56	74256.11	1.46
Kapilwastu	3985.00	105487.75	141268.25	185143.10	146289.35	2521.12	40801.60	82763.65	1.39
Udayapur	4095.00	110917.75	141277.50	168214.41	146437.20	2582.61	35519.45	60490.76	1.32
Chitwan	4180.00	114848.58	136268.00	176513.04	141534.80	2621.57	26686.23	64924.87	1.23
Sarlahi	3650.00	93510.14	121545.00	149263.10	126144.00	2435.92	32633.86	58599.96	1.35
Rupandehi	4010.00	109954.95	129322.50	193683.00	134375.10	2616.02	24420.15	86855.85	1.22
Average	3993.00	106130.31	134976.48	173660.59	140007.66	2530.66	33877.35	70644.81	1.32

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 High Hill districts is presented in the table no 9 below:

Table 9 Yield, Returns, Costs and Net Profit of Improved Rainfed Maize of Some Hill Districts:

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Jumla	2717.00	83361.93	122265.00	187473.00	125525.40	2948.16	42163.48	106067.32	1.51
Taplejung	2967.00	90674.21	126097.50	140712.94	129835.92	2930.09	39161.72	52353.00	1.43
Average	2842.00	87018.07	124181.25	164092.97	127680.66	2939.13	40662.60	79210.16	1.47

6.1.4 Millet:

Among the Cereals crops, Millet has covered 5 districts with an account of 5 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 below:

Table 11 Yield, Returns, Cost, Net Profit, of Improved Rainfed Millet of Some hill Districts :

Districts	Yield	Total Cost	Value of Main Product		Gross Income Farmgate	Costs	Net Profits		Benefit Cost
			Farmgate	Market			Farmgate	Market	
			Kg/Ha	Rs/Ha			Rs/Ha	Rs/Ha	
Makwanpur	2435.00	82191.13	133925.00	201618.00	136603.50	3265.41	54412.38	120936.58	1.66
Dolakha	2255.00	78439.63	135300.00	197087.00	139640.88	3285.98	61201.25	121905.85	1.78
Gorkha	2455.00	76167.93	136252.50	225860.00	139628.13	2965.06	63460.20	151889.30	1.83
Rukum East	2530.00	78590.30	152559.00	173289.82	155342.00	2996.34	76751.70	96268.12	1.98
Gulmi	2505.00	78607.42	151552.50	218360.85	154308.00	3028.02	75700.58	141306.53	1.96
Average	2436.00	78799.28	141917.80	203243.13	145104.50	3108.16	66305.22	126461.27	1.84

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 centers and CAIDMP 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 in place of human labour in future.
- 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
- Used as a basis for insurance of crop for premium decision

Annex

Crop: Paddy

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

Year: 2024/2025

Crop: Paddy

Year: 2024/2025

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			<u>122723.65</u>
a. Human Labour	Day	55.00	500.00	27500.00
b. Bullock Labour	Day	3.00	1000.00	3000.00
c. Tractor/Power Tiller Use	Hour	7.00	2000.00	14000.00
d. Pumpset Use	Hour	25.00	300.00	7500.00
e. Harvester/Thresher Use	Hour	6.00	1250.00	7500.00
f. Sprayer Use	Hour	15.00	150.00	2250.00
g. Seed	Kg.	50.00	125.00	6250.00
h. Manure	Kg.	7950.00	2.50	19875.00
i. Fertilizer	Kg.			
DAP	Kg.	50.00	50.00	2500.00
Urea	Kg.	90.00	20.00	1800.00
Potash	Kg.	25.00	40.00	1000.00
j. Micronutrients	Kg.	10.00	150.00	1500.00
k. Plant Protection Chemical	Rs.			1020.00
l. Land rent	Rs.			15000.00
m. Management Cost	Rs.			4000.00
<u>n. Interest on Variable Cost</u>	<u>Rs.</u>			<u>8028.65</u>
<u>2. Fixed Cost</u>	<u>Rs.</u>			<u>2500.00</u>
a. Land Tax	Rs.			500.00
b. Water Tax	Rs.			250.00
c. Depreciation of Farm Equipment	Rs.			750.00
<u>d. Repair & Maintenance of Farm Equipment</u>	<u>Rs.</u>			<u>1000.00</u>
<u>3. Total Cost</u>	<u>Rs.</u>			<u>125223.65</u>
<u>4. Gross Income</u>	<u>Rs.</u>			<u>146757.20</u>
a. Main Product	K.G.	3860.00	33.62	129773.20
b. By-Product	K.G.	4246.00	4.00	16984.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			<u>21533.55</u>
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			<u>2804.14</u>
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			<u>1852.80</u>
<u>2. Value at Market</u>	<u>Kg.</u>	3551.20	50.50	<u>179335.60</u>
<u>3. Net Profit</u>	<u>Rs.</u>			<u>52259.15</u>

**AVERAGE COST OF PRODUCTION & MARGIN PER
HECTARE**

DISTRICT:Morang

Crop: Paddy
Variety: Radha 12

Year: 2024/2025
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 PER HECTARE</u>				
<u>1. Variable Cost</u>				130360.24
a. Human Labour	Day	60.00	525.00	31500.00
b. Bullock Labour	Day	2.00	950.00	1900.00
c. Tractor/Power Tiller Use	Hour	6.00	2000.00	12000.00
d. Pumpset Use	Hour	35.00	300.00	10500.00
e. Harvester/Thresher Use	Hour	7.00	1200.00	8400.00
f. Sprayer Use	Hour	10.00	150.00	1500.00
g. Seed	Kg.	50.00	120.00	6000.00
h. Manure	Kg.	7056.00	3.25	22932.00
i. Fertilizer	Kg.			
DAP	Kg.	45.00	50.00	2250.00
Urea	Kg.	80.00	20.00	1600.00
Potash	Kg.	25.00	36.00	900.00
j. Micronutrients	Kg.	5.00	450.00	2250.00
k. Plant Protection Chemical	Rs.			1600.00
l. Land rent	Rs.			15000.00
m. Management Cost	Rs.			3500.00
n. Interest on Variable Cost	Rs.			8528.24
<u>2. Fixed Cost</u>				2580.00
a. Land Tax	Rs.			500.00
b. Water Tax	Rs.			300.00
c. Depreciation of Farm Equipment	Rs.			780.00
d. Repair & Maintenance of Farm Equipment	Rs.			1000.00
<u>3. Total Cost</u>				132940.24
<u>4. Gross Income</u>				155282.82
a. Main Product	K.G.	4026.00	33.62	135354.12
		<u>4428.60</u>	<u>4.50</u>	<u>19928.70</u>

Crop: Paddy

Year: 2024/2025

<u>b. By-Product</u>	<u>K.G.</u>			22342.58
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			
<u>6. Production Cost Per Quintal</u>	<u>Rs.</u>			2807.04
<u>B. MARKETING AT NEAREST WHOLESALE MARKET</u>				
<u>1. Marketing Cost</u>				1932.48
<u>2. Value at Market</u>	<u>Kg.</u>	3703.92	47.05	174269.44
<u>3. Net Profit</u>	<u>Rs.</u>			39396.72

AVERAGE COST OF PRODUCTION & MARGIN

PER HECTARE

DISTRICT: Okhaldhunga

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

		<u>Rs.</u>	
		Day	
	Day		Hour
5. <u>Gross Profit at Farm Gate</u>	<u>Rs.</u>	14645.46	
6. <u>Cost Per Quintal</u>	<u>Rs.</u>	2931.88	

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	<u>Rs.</u>	1634.40	
2. <u>Value at Market</u>	<u>Rs.</u>	3132.60	52.15 163365.09
3. <u>Net Profit: Marketing Margin</u>	<u>Rs.</u>	47854.42	

AVERAGE COST OF PRODUCTION & MARGIN

PER HECTARE

DISTRICT: Kaski

Variety: Khumal 8

Particular

1. Variable Cost 114178.63

a. Human Labour 65.00 480.00 31200.00 b. Bullock Labour 3.00
 1000.00 3000.00 c. Tractor/Power Tiller Use 7.00 400.00 2800.00 d.
 Pumpset Use Hour 25.00 400.00 10000.00 e. Harvester/Thresher Use
 Hour 6.00 1100.00 6600.00 f. Sprayer Use Hour 9.00 150.00 1350.00 g.
 Seed Kg. 48.00 140.00 6720.00 h. Manure Kg. 6788.00 3.00 20364.00 i.
 Fertilizer Kg.

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>		
	Day	Hour	
DAP		Kg.	30.00
		50.00	1500.00
Urea		Kg.	95.00
		25.00	2375.00
Potash	Kg. 30.00	40.00	1200.00
j. Micronutrients	Kg. 5.00	450.00	2250.00
k. Plant Protection Chemical	Rs. 850.00	l. Land rent	Rs. 12500.00
m. Management Cost	Rs. 4000.00	n. <u>Interest on Variable Cost</u>	Rs. 7469.63

2. Fixed Cost Rs. 1950.00 a. Land Tax Rs. 450.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 700.00 **d. Repair & Maintenance of Farm Equipment Rs. 800.00**

3. Total Cost Rs. 116128.63

4. Gross Income Rs. 132228.23 a. Main Product K.G. 3555.00 33.62 119519.10 **b. By-Product K.G. 3910.50 3.25 12709.13**

5. Gross Profit at Farm Gate Rs. 16099.59

6. Cost Per Quintal Rs. 2909.13

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1706.40

2. Value at Market Rs. 3270.60 55.35 181027.71

3. Net Profit: Marketing Margin Rs. 63192.68

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

		<u>Rs.</u>
		Day
Day	Hour	
AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE		
DISTRICT: Chitwan		

Variety: Sawa Mansuli

Particular

1. Variable Cost	137606.01	a. Human Labour 58.00 525.00
		30450.00 b. Bullock Labour 0.00 900.00 0.00 c. Tractor/Power Tiller Use
		7.00 2000.00 14000.00 d. Pumpset Use Hour 36.00 400.00 14400.00 e.
		Harvestor/Thresher Use Hour 6.00 1200.00 7200.00 f. Sprayer Use
		Hour 10.00 100.00 1000.00 g. Seed Kg. 55.00 150.00 8250.00 h.
		Manure Kg. 6625.00 3.75 24843.75 i. Fertilizer Kg.
		DAP Kg. 40.00
		50.00 2000.00
		Urea Kg. 80.00
		25.00 2000.00
		Potash Kg. 35.00 36.00 1260.00 j. Micronutrients Kg. 6.00 450.00
		2700.00 k. Plant Protection Chemical Rs. 1500.00 l. Land rent Rs.
		15000.00 m. Management Cost Rs. 4000.00 n. <u>Interest on Variable Cost</u>
		<u>Rs. 9002.26</u>
2. Fixed Cost	Rs. 2413.00	a. Land Tax Rs. 525.00 b. Water Tax Rs.
		440.00 c. Depreciation of Farm Equipment Rs. 710.00 d. <u>Repair &</u>
		<u>Maintenance of Farm Equipment</u> Rs. 738.00
3. Total Cost	Rs. 140019.01	

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>
	Day
	Hour
4. <u>Gross Income</u>	Rs. 161402.79
a. Main Product Kg. 4255.00	33.62 143053.10
b. <u>By-Product</u> Kg. 4893.25	3.75 18349.69
5. <u>Gross Profit at Farm Gate</u>	Rs. 21383.78
6. <u>Cost Per Quintal</u>	Rs. 2859.44

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	Rs. 2553.00
2. <u>Value at Market</u>	Kg. 3914.60 54.20 212171.32
3. <u>Net Profit</u>	Rs. 69599.31

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Kapilbastu

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

<u>Particular</u>	Day	<u>Rs.</u>	Hour	
		Day		
Variety: Sawa Mansuli				
1. Variable Cost				127341.77
a. Human Labour	60.00	475.00	28500.00	b. Bullock Labour
Tractor/Power Tiller Use	7.00	1850.00	12950.00	d. Pumpset Use
				Hour 30.00
	300.00	9000.00		e. Harvester/Thresher Use
				Hour 6.00
				1200.00
				7200.00
				f. Sprayer
				Use Hour 10.00
				175.00
				1750.00
				g. Seed K.G. 53.00
				120.00
				6360.00
				h. Manure
				K.G. 9082.00
				3.00
				27246.00
				i. Fertilizer K.G.
				DAP
				K.G. 35.00
				50.00
				1750.00
				Urea
				K.G. 80.00
				25.00
				2000.00
				Potash K.G. 25.00
				35.00
				875.00
				j. Micronutrients
				k. Plant Protection
				Chemical Rs. 480.00
				l. Land rent Rs. 14500.00
				m. Management Cost Rs. 4500.00
				n. Interest on Variable Cost Rs. 8330.77

2. Fixed Cost Rs. 2480.00 a. Land Tax Rs. 480.00 b. Water Tax Rs. 500.00 c. Depreciation of Farm Equipment Rs. 900.00 d. Repair & Maintenance of Farm Equipment Rs. 600.00

3. Total Cost Rs. 129821.77

4. Gross Income Rs. 158748.26 a. Main Product K.G. 4268.00 33.62
143490.16 b. By-Product K.G. 4694.80 3.25 15258.10

5. Gross Profit at Farm Gate Rs. 28926.49

6. Production Cost Per Quintal Rs. 2684.25

B. MARKETING AT NEAREST WHOLESALE MARKET

1. Marketing Cost Rs. 2048.64

Crop: Paddy

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

			<u>Rs.</u>	
	Day	Hour	Day	
2. Value at Market	Kg.	3926.56	56.25	220869.00
3. Net Profit	Rs.			88998.59

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE DISTRICT: Gorkha

Year: 2024/2025

Variety: Khumal 13

Particular

1. Variable Cost 107053.50

a. Human Labour 65.00 450.00 29250.00 b. Bullock Labour 6.00 800.00 4800.00 c. Tractor/Power Tiller Use 8.00 375.00 3000.00 d. Pumpset Use Hour 15.00 300.00 4500.00 e. Harvester/Thresher Use Hour 6.00 900.00 5400.00 f. Sprayer Use Hour 10.00 125.00 1250.00 g. Seed Kg. 54.00 125.00 6750.00 h. Manure Kg. 7200.00 3.00 21600.00 i. Fertilizer Kg.

DAP	Kg.	30.00	50.00
		1500.00	

Urea	Kg.	80.00	25.00
		2000.00	

Potash Kg. 25.00 36.00 900.00 j. Micronutrients Kg. 4.00 400.00 1600.00 k. Plant Protection Chemical Rs. 1000.00 l. Land rent Rs. 12000.00 m. Management Cost Rs. 4500.00 n. Interest on Variable Cost Rs. 7003.50

2. Fixed Cost Rs. 1975.00 a. Land Tax Rs. 425.00 b. Water Tax Rs. 200.00 c. Depreciation of Farm Equipment Rs. 600.00 d. Repair & Maintenance of Farm Equipment Rs. 750.00

3. Total Cost Rs. 109028.50

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>			
		Day	Hour	
4. <u>Gross Income</u>	Rs. 121999.60			
a. Main Product K.G.			3280.00	33.62
110273.60				
b. By-Product K.G.	3608.00			3.25 11726.00
5. <u>Gross Profit at Farm Gate</u>	Rs. 12971.10			
6. <u>Cost Per Quintal</u>	Rs. 2966.54			

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	Rs. 1574.40			
2. <u>Value at Market</u>	Kg. 3017.60	55.00	165968.00	
3. <u>Net Profit</u>	Rs. 55365.10			

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Ramechap

Variety: Sabitri

Particular

1. Variable Cost **112380.76**

a. Human Labour 70.00 475.00 33250.00 b. Bullock Labour 4.00 925.00 3700.00 c. Tractor/Power Tiller Use 8.00 400.00 3200.00 d. Pumpset Use Hour 20.00 300.00 6000.00 e. Harvester/Thresher Use Hour 6.00 950.00 5700.00 f. Sprayer Use Hour 10.00 120.00 1200.00 g. Seed K.G. 46.00 130.00 5980.00 h. Manure K.G. 7095.00 3.25 23058.75 i. Fertilizer K.G.

DAP	K.G.	30.00	52.00
		1560.00	
Urea	K.G.	90.00	25.00
		2250.00	

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>
	Day
	Hour
Potash K.G. 20.00 36.00 720.00 j. Micronutrients K.G. 7.00 300.00 2100.00 k. Plant Protection Chemical Rs. 810.00 l. Land rent Rs. 3500.00 m. Management Cost Rs. 12000.00 n. <u>Interest on Variable Cost Rs. 7352.01</u>	
2. <u>Fixed Cost Rs. 1900.00</u> a. Land Tax Rs. 420.00 b. Water Tax Rs. 200.00 c. Depreciation of Farm Equipment Rs. 680.00 <u>d. Repair & Maintenance of Farm Equipment Rs. 600.00</u>	
3. <u>Total Cost Rs. 114280.76</u>	
4. <u>Gross Income Rs. 130401.44</u> a. Main Product K.G. 3532.00 33.62 118745.84	
b. By-Product K.G. 3885.20 3.00 11655.60	
5. <u>Gross Profit at Farm Gate Rs. 16120.68</u>	
6. <u>Production Cost Per Quintal Rs. 2905.58</u>	

B. MARKETING AT NEAREST WHOLESALE MARKET

1. <u>Marketing Cost Rs. 1695.36</u>
2. <u>Value at Market Kq. 3249.44 48.05 156135.59</u>
3. <u>Net Profit Rs. 40159.47</u>

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Pyuthan

Variety: Khumal 2

Particular

1. <u>Variable Cost 101712.86</u> a. Human Labour 68.00 450.00 30600.00 b. Bullock Labour 2.00 950.00 1900.00 c. Tractor/Power Tiller Use 7.00 400.00 2800.00 d. Pumpset Use Hour 18.00 300.00 5400.00 e. Harvester/Thresher Use Hour
Crop: Paddy
Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

			<u>Rs.</u>	
	Day	Hour	Day	Hour
5.00	1250.00	6250.00	f. Sprayer Use Hour	9.00 125.00 1125.00
160.00	7200.00	h. Manure Kg.	5055.00 3.25	16428.75
		i. Fertilizer Kg.		
	DAP		Kg. 25.00	50.00
			1250.00	
	Urea		Kg. 80.00	25.00
			2000.00	
	Potash Kg.	20.00 36.00	720.00	j. Micronutrients Kg. 5.00 375.00 1875.00
	k. Plant Protection Chemical	Rs. 1510.00	l. Land rent	Rs. 12000.00
	m. Management Cost	Rs. 4000.00	n. Interest on Variable Cost	Rs. 6654.11

2. Fixed Cost Rs. 2100.00 a. Land Tax Rs. 450.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 600.00 d. Repair & Maintenance of Farm Equipment Rs. 750.00

3. Total Cost Rs. 103812.86

4. Gross Income Rs. 123676.88 a. Main Product Kg. 3375.00 33.62 113467.50 b. By-Product Kg. 3712.50 2.75 10209.38

5. Gross Profit at Farm Gate Rs. 19864.01

6. Cost Per Quintal Rs. 2773.44

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 2025.00

2. Value at Market Rs. 3105.00 50.10 155560.50

3. Net Profit: Marketing Margin Rs. 49722.64

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day
Hour

DISTRICT: Parbat

Variety: Khumal 8

Particular

1. Variable Cost	110009.91	a. Human Labour	66.00	490.00	32340.00	b.			
Bullock Labour	3.00	975.00	2925.00	c. Tractor/Power Tiller Use	6.00	425.00	2550.00	d.	
Pumpset Use	Hour	30.00	300.00	9000.00	e. Harvester/Thresher Use	Hour	5.00	1250.00	
6250.00	f. Sprayer Use	Hour	8.00	125.00	1000.00	g. Seed Kg.	45.00	145.00	6525.00
h.	Manure Kg.	6071.00	3.00	18213.00	i. Fertilizer	Kg.			
	DAP				Kg.	20.00	55.00		
					1100.00				
	Urea				Kg.	70.00	25.00		
					1750.00				
	Potash Kg.	10.00	36.00	360.00	j. Micronutrients Kg.	5.00	400.00	2000.00	k. Plant
	Protection Chemical	Rs.	2800.00	l. Land rent	Rs.	12000.00	m. Management Cost	Rs.	4000.00
	n. Interest on Variable Cost	Rs.	7196.91						

2. Fixed Cost	Rs. 1680.00	a. Land Tax	Rs.	450.00	b. Water Tax	Rs.	0.00	c.
Depreciation of Farm Equipment	Rs.	550.00	d. Repair & Maintenance of Farm	Equipment	Rs.	680.00		

3. Total Cost **Rs. 111689.91**

4. Gross Income	Rs. 130845.24	a. Main Product	Kg.	3492.00	33.62	117401.04	b.
By-Product	Kg.	3841.20	3.50	13444.20			

5. Gross Profit at Farm Gate **Rs. 19155.33**

6. Production Cost Per Quintal **Rs. 2813.45**

B. MARKETING AT NEAREST WHOLESALE MARKET

1. Marketing Cost **Rs. 1885.68**

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

			<u>Rs.</u>
		Day	Day
			Hour
2. Value at Market	Kg.	3212.64	47.35
			152118.50
3. Net Profit	Rs.		38542.91

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Baglung

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

<u>Rs.</u>	Day	Day	Hour
Seed: Khumal-12			
<u>Particular</u>			
1. Variable Cost	101869.35	a. Human Labour	62.00 475.00
29450.00	b. Bullock Labour	2.00 1000.00	2000.00
	c. Tractor/Power Tiller Use	6.00 425.00	2550.00
	d. Pumpset Use	Hour 25.00	250.00
6250.00	e. Harvester/Thresher Use	Hour 6.00	1000.00 6000.00
	f. Sprayer Use	Hour 15.00	140.00 2100.00
6750.00	g. Seed	Kg. 45.00	150.00
	h. Manure	Kg. 5990.00	3.00 17970.00
	i. Fertilizer	Kg.	
	DAP	Kg.	20.00
		50.00	1000.00
	Urea	Kg.	90.00
		22.00	1980.00
	Potash	Kg. 15.00	35.00 525.00
	j. Micronutrients	Kg. 5.00	380.00
1900.00	k. Plant Protection Chemical	Rs. 730.00	
12000.00	l. Land rent	Rs. 4000.00	
	m. Management Cost	Rs. 4000.00	
	<u>n. Interest on Variable Cost</u>		
	Rs.		6664.35
2. Fixed Cost	Rs. 2325.00	a. Land Tax	Rs. 425.00
	b. Water Tax	Rs. 300.00	
	c. Depreciation of Farm Equipment	Rs. 700.00	
	<u>d. Repair & Maintenance of Farm Equipment</u>	Rs.	900.00
3. Total Cost	Rs. 104194.35		
4. Gross Income	Rs. 123840.11	a. Main Product	Kg. 3315.00
33.62	111450.30	b. By-Product	Kg. 3812.25
			3.25 12389.81

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>	Day	Day	Hour
5. <u>Gross Profit at Farm Gate</u>	<u>Rs.</u>	19645.76		
6. <u>Cost Per Quintal</u>	<u>Rs.</u>	2769.37		

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	<u>Rs.</u>	1989.00
2. <u>Value at Market</u>	<u>Kg.</u>	3049.80 52.10 158894.58
3. <u>Net Profit</u>	<u>Rs.</u>	65101.04

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rautahat

Crop: Paddy

Seed: Radha 11

Particular

1. <u>Variable Cost</u>	111911.30	a. Human Labour	60.00	450.00
27000.00		b. Bullock Labour	2.00	875.00
		1750.00		c. Tractor/Power
		Tiller Use	6.00	2000.00
		12000.00		d. Pumpset Use
		Hour	24.00	275.00
		6600.00		e. Harvester/Thresher
		Use Hour	6.00	1000.00
		6000.00		f.
		Sprayer Use	Hour	10.00
		125.00	1250.00	g. Seed
		45.00	130.00	Kg.
		5850.00		h. Manure
		5920.00	3.25	19240.00
				i. Fertilizer
				Kg.
		DAP		Kg.
				20.00
				50.00
				1000.00

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>	Day	Day	Hour
Urea				
			Kg.	85.00
			25.00	2125.00
Potash Kg. 10.00	35.00	350.00	j. Micronutrients Kg. 5.00	500.00
2500.00			k. Plant Protection Chemical Rs. 925.00	
14000.00			l. Land rent Rs. 14000.00	
			m. Management Cost Rs. 4000.00	
			<u>n. Interest on Variable Cost</u>	
			Rs. 7321.30	

2. Fixed Cost Rs. 2950.00 a. Land Tax Rs. 550.00 b. Water Tax Rs. 500.00 c. Depreciation of Farm Equipment Rs. 900.00 **d. Repair & Maintenance of Farm Equipment Rs. 1000.00**

3. Total Cost Rs. 114861.30

4. Gross Income Rs. 132037.88 a. Main Product Kg. 3615.00
33.65 121644.75

b. By-Product Kg. 4157.25 2.50 10393.13

5. Gross Profit at Farm Gate Rs. 17176.58

6. Cost Per Quintal Rs. 2889.85

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1735.20

2. Value at Market Kg. 3325.80 47.55 158141.79

3. Net Profit Rs. 51938.42

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>	Day	Day	Hour
4.	<u>Gross Income</u>	<u>Rs. 132193.13</u>	a. Main Product Kg. 3550.00	
	33.50	118925.00	b. By-Product Kg. 4082.50	3.25 13268.13
5.	<u>Gross Profit at Farm Gate</u>	<u>Rs. 19135.98</u>		
6.	<u>Cost Per Quintal</u>	<u>Rs. 2810.96</u>		

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1.	<u>Marketing Cost</u>	<u>Rs. 2130.00</u>	
2.	<u>Value at Market</u>	<u>Kg. 3266.00</u>	<u>54.35 177507.10</u>
3.	<u>Net Profit</u>	<u>Rs. 75588.08</u>	

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Solukumbu

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

<u>Particular</u>	<u>Rs.</u> Day Day Hour	<u>Price</u>	<u>Value in Rs.</u>
Seed: Local			
Condition: Rainfed			
1. <u>Variable Cost</u>	101176.53		
a. Human Labour	75.00	400.00	
30000.00 b. Bullock Labour	4.00	850.00	3400.00
c. Tractor/Power Tiller Use	5.00	400.00	2000.00
d. Pumpset Use	Hour	0.00	0.00
e. Harvester/Thresher Use	Hour	4.00	800.00
3200.00 f. Sprayer Use	Hour	15.00	125.00
1875.00 g. Seed	Kg.	45.00	175.00
7875.00 h. Manure	Kg.	5975.00	4.50
26887.50 i. Fertilizer	Kg.		
DAP	Kg.	20.00	
	58.00		1160.00
Urea	Kg.	40.00	
	24.00		960.00
Potash	Kg.	0.00	40.00
0.00 j. Micronutrients	Kg.	4.00	500.00
2000.00 k. Plant Protection Chemical	Rs.	1200.00	
l. Land rent	Rs.	10000.00	
m. Management Cost	Rs.	4000.00	
<u>n. Interest on Variable Cost</u>			<u>Rs. 6619.03</u>
2. <u>Fixed Cost</u>	Rs. 1500.00		
a. Land Tax	Rs.	450.00	
b. Water Tax	Rs.	0.00	
c. Depreciation of Farm Equipment	Rs.	500.00	
<u>d. Repair & Maintenance of Farm Equipment</u>	Rs.	550.00	
3. <u>Total Cost</u>	Rs. 102676.53		
4. <u>Gross Income</u>	Rs. 130580.55		
a. Main Product	Kg.	2644.00	
45.65		120698.60	
<u>b. By-Product</u>	Kg.	3040.60	
		3.25	9881.95
5. <u>Gross Profit at Farm Gate</u>	Rs. 27904.03		

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>
	Day
	Hour
6. <u>Cost Per Quintal</u>	<u>Rs. 3509.63</u>

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	<u>Rs. 1269.12</u>
2. <u>Value at Market</u>	<u>Kg. 2432.48 70.25 170881.72</u>
3. <u>Net Profit</u>	<u>Rs. 76818.03</u>

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Nuwakot

Crop: Paddy

Year: 2024/2025

Variety: Khumal 4

<u>Particular</u>		<u>Price</u>	<u>Value in Rs.</u>
<u>1. Variable Cost</u>			104014.70
a. Human Labour	<u>Unit</u> <u>Quantity</u>	480.00	32160.00
b. Bullock Labour	2.00	950.00	1900.00
Condition: Irrigated			
c. Tractor/Power Tiller Use	6.00	425.00	2550.00
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>			
d. Pumpset Use	Hour 18.00	275.00	4950.00
e. Harvester/Thresher Use	Hour 5.00	1000.00	5000.00
f. Sprayer Use	Day 10.00	130.00	1300.00
g. Seed	Day 50.00	140.00	7000.00
h. Manure	Kg. 6980.00	3.00	20940.00
i. Fertilizer	Kg.		
DAP	Kg. 20.00	50.00	1000.00
Urea	Kg. 70.00	25.00	1750.00
Potash	Kg. 10.00	36.00	360.00
j. Micronutrients	Kg. 3.00	450.00	1350.00
k. Plant Protection Chemical	Rs.		950.00
l. Land rent	Rs.		12000.00
m. Management Cost	Rs.		4000.00
n. Interest on Variable Cost	Rs.		6804.70
<u>2. Fixed Cost</u>	<u>Rs.</u>		2150.00
a. Land Tax	Rs.		400.00
b. Water Tax	Rs.		250.00
c. Depreciation of Farm Equipment	Rs.		600.00
d. Repair & Maintenance of Farm Equipment	Rs.		900.00
<u>3. Total Cost</u>	<u>Rs.</u>		106164.70
<u>4. Gross Income</u>	<u>Rs.</u>		124915.50
a. Main Product	Kg. 3420.00	33.65	115083.00
b. By-Product	Kg. 3933.00	2.50	9832.50
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>		18750.80
<u>6. Cost Per Quintal</u>	<u>Rs.</u>		2816.73
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>			
<u>1. Marketing Cost</u>	<u>Rs.</u>		1641.60
<u>2. Value at Market</u>	<u>Kg.</u>	3146.40	50.25
			158106.60

Crop: Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u> Day	Hour	
3. Net Profit			<u>60132.80</u>
AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE			

DISTRICT: Udayapur

Variety: Tarahara 1

Particular

1. Variable Cost	109498.45	a. Human Labour	55.00	500.00
	27500.00	b. Bullock Labour	2.00	950.00
		1900.00	c. Tractor/Power Tiller	
	Use 5.00	2000.00	10000.00	d. Pumpset Use
			Hour	29.00
	7250.00	e. Harvester/Thresher	Use	Hour
		5.00	900.00	4500.00
		f. Sprayer	Use	Hour
	12.00	125.00	1500.00	g. Seed
			Kg.	55.00
	7975.00	h. Manure	Kg.	5185.00
		3.00	15555.00	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	j. Micronutrients
			Kg.	4.00
				410.00
	1640.00	k. Plant Protection Chemical	Rs.	965.00
		l. Land rent	Rs.	
	14000.00	m. Management Cost	Rs.	4000.00
		n. Interest on Variable Cost	Rs.	7163.45
2. Fixed Cost	Rs. 2550.00	a. Land Tax	Rs.	490.00
		b. Water Tax	Rs.	400.00
		c. Depreciation of Farm Equipment	Rs.	960.00
		d. Repair & Maintenance of Farm Equipment	Rs.	700.00

Crop: Paddy

Year: 2024/2025

Unit Quantity

Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>
	Day
	Day
	Hour
<u>3. Total Cost</u>	<u>Rs. 112048.45</u>
<u>4. Gross Income</u>	<u>Rs. 134951.85</u>
a. Main Product Kg. 3582.00	33.65 120534.30
b. By-Product Kg. 4119.30	3.50 14417.55
<u>5. Gross Profit at Farm Gate</u>	<u>Rs. 22903.40</u>
<u>6. Cost Per Quintal</u>	<u>Rs. 2725.60</u>

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

<u>1. Marketing Cost</u>	<u>Rs. 1719.36</u>
<u>2. Value at Market</u>	<u>Kg. 3295.44 50.00 164772.00</u>
<u>3. Net Profit</u>	<u>Rs. 65421.74</u>

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Banke

Crop: Paddy

Year: 2024/2025

Condition: Irrigated

Variety: Radha 4

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>				
<u>1. Variable Cost</u>				<u>Rs.</u>
				116319.70
a. Human Labour	Day	67.00	425.00	28475.00
b. Bullock Labour	Day	0.00	625.00	0.00
c. Tractor/Power Tiller Use	Hour	6.00	1975.00	11850.00
d. Pumpset Use	Hour	28.00	250.00	7000.00
e. Harvester/Thresher Use	Hour	6.00	1000.00	6000.00
f. Sprayer Use	Hour	12.00	125.00	1500.00
g. Seed	Kg.	50.00	150.00	7500.00
h. Manure	Kg.	6225.00	3.00	18675.00
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
j. Micronutrients	Kg.	4.00	510.00	2040.00
k. Plant Protection Chemical	Rs.			1090.00
l. Land rent	Rs.			15000.00
m. Management Cost	Rs.			4000.00
<u>n. Interest on Variable Cost</u>	<u>Rs.</u>			<u>7609.70</u>
<u>2. Fixed Cost</u>				<u>Rs.</u>
				2600.00
a. Land Tax	Rs.			500.00
b. Water Tax	Rs.			400.00
c. Depreciation of Farm Equipment	Rs.			800.00
<u>d. Repair & Maintenance of Farm Equipment</u>	<u>Rs.</u>			<u>900.00</u>
<u>3. Total Cost</u>				<u>Rs.</u>
				118919.70
<u>4. Gross Income</u>				<u>Rs.</u>
				139585.51
a. Main Product	Kg.	3745.00	33.65	126019.25
<u>b. By-Product</u>	<u>Kg.</u>	<u>4306.75</u>	<u>3.15</u>	<u>13566.26</u>
<u>5. Gross Profit at Farm Gate</u>				<u>Rs.</u>
				20665.81

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

6. Cost Per Quintal **Rs.** **2813.18**

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

<u>1. Marketing Cost</u>	<u>Rs.</u>			1797.60
<u>2. Value at Market</u>	<u>Kg.</u>	3445.40	44.00	151597.60
<u>3. Net Profit</u>	<u>Rs.</u>			<u>44446.56</u>

SPRING PADDY

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Kailali

Variety: Chaite 5

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 98196.84

a. Human Labour Day	55.00	450.00		
24750.00 b. Bullock Labour Day	0.00	900.00	0.00	
c. Tractor/Power Tiller Use Hour	6.00	1800.00	10800.00	
d. Pumpset Use Hour	26.00	225.00		
5850.00 e. Harvester/Thresher Use Hour	5.00	1000.00	5000.00	
f. Sprayer Use Hour	12.00	125.00	1500.00	
g. Seed Kg.	50.00	105.00		
5250.00 h. Manure Kg.	3985.00	3.15	12552.75	
i. Fertilizer Kg.				
DAP	Kg.	45.00		
		50.00		2250.00
Urea	Kg.	75.00		
		20.00		1500.00
Potash Kg.	20.00	36.00	720.00	
j. Micronutrients Kg.	5.00	410.00		
2050.00 k. Plant Protection Chemical Rs.	1050.00			
l. Land rent Rs.	15000.00			
m. Management Cost Rs.	3500.00			
<u>n. Interest on Variable Cost Rs. 6424.09</u>				

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

2. Fixed Cost Rs. 1700.00 a. Land Tax Rs. 500.00 b. Water Tax Rs. 200.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 600.00

3. Total Cost Rs. 99896.84

4. Gross Income Rs. 131219.00 a. Main Product K.G. 4345.00 28.00 121660.00 b. By-Product K.G. 4779.50 2.00 9559.00

5. Gross Profit at Farm Gate Rs. 31322.16

6. Cost Per Quintal Rs. 2079.12

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 2085.60

2. Value at Market Kg. 3910.50 45.25 176950.13

3. Net Profit Rs. 84526.68

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Banke

Variety: Hardinath 5

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 100812.19 a. Human Labour Day 55.00 480.00 26400.00 b. Bullock Labour Day 0.00 900.00 0.00 c. Tractor/Power Tiller Use Hour 6.00 1800.00 10800.00 d. Pumpset Use Hour 25.00 300.00 7500.00 e. Harvester/Thresher Use Hour 6.00 900.00 5400.00 f. Sprayer Use Hour 15.00 130.00 1950.00 g. Seed Kg. 40.00 155.00 6200.00 h. Manure Kg. 2980.00 3.15 9387.00 i. Fertilizer Kg.

Crop: Spring Paddy

Year: 2024/2025

	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

DAP	Kg.	35.00		
	51.00		1785.00	
Urea	Kg.	85.00		
	25.00		2125.00	

Potash Kg. 20.00 38.00 760.00 j. Micronutrients Kg. 4.50 380.00
1710.00 k. Plant Protection Chemical Rs. 1200.00 l. Land rent Rs.
4000.00 m. Management Cost Rs. 15000.00 n. Interest on Variable Cost
Rs. 6595.19

2. Fixed Cost Rs. 2420.00 a. Land Tax Rs. 500.00 b. Water Tax Rs.
400.00 c. Depreciation of Farm Equipment Rs. 670.00 d. Repair &
Maintenance of Farm Equipment Rs. 850.00

3. Total Cost Rs. 103232.19

4. Gross Income Rs. 137888.06 a. Main Product Kg. 4525.00
28.00 126700.00 b. By-Product Kg. 5203.75 2.15 11188.06

5. Gross Profit at Farm Gate Rs. 34655.87

6. Cost Per Quintal Rs. 2034.12

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 2172.00

2. Value at Market Kg. 4163.00 50.00 208150.00

3. Net Profit Rs. 113933.87

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

Variety: Chaite-5

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 95678.33

a. Human Labour Day 60.00 475.00 28500.00 b. Bullock Labour Day
2.00 900.00 1800.00 c. Tractor/Power Tiller Use Hour 5.00 1900.00
9500.00 d. Pumpset Use Hour 20.00 250.00 5000.00 e.
Harvester/Thresher Use Hour 5.00 950.00 4750.00 f. Sprayer Use Hour
15.00 100.00 1500.00 g. Seed Kg. 45.00 145.00 6525.00 h. Manure Kg.
3580.00 3.05 10919.00 i. Fertilizer Kg.

DAP		Kg.	30.00
		50.00	1500.00
Urea		Kg.	70.00
		25.00	1750.00

Potash Kg. 25.00 35.00 875.00 j. Micronutrients Kg. 3.00 350.00
1050.00 k. Plant Protection Chemical Rs. 1750.00 l. Land rent Rs.
10000.00 m. Management Cost Rs. 4000.00 n. Interest on Variable Cost
Rs. 6259.33

2. Fixed Cost Rs. 2600.00 a. Land Tax Rs. 500.00 b. Water Tax Rs.
400.00 c. Depreciation of Farm Equipment Rs. 800.00 d. Repair &
Maintenance of Farm Equipment Rs. 900.00

3. Total Cost Rs. 98278.33

4. Gross Income Rs. 130269.94 a. Main Product Kg. 4275.00
28.00 119700.00 b. By-Product Kg. 4916.25 2.15 10569.94

5. Gross Profit at Farm Gate Rs. 31991.61

6. Cost Per Quintal Rs. 2051.66

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	Rs.	2052.00	
2. <u>Value at Market</u>	Kg.	3933.00	45.00 176985.00
3. <u>Net Profit</u>	Rs.	87224.61	

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Gorkha

Variety: Hardinath 5

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost **Rs. 84786.80**

a. Human Labour Day 64.00 475.00 30400.00 b. Bullock Labour Day
2.00 950.00 1900.00 c. Tractor/Power Tiller Use Hour 8.00 400.00
3200.00 d. Pumpset Use Hour 25.00 250.00 6250.00 e.
Harvester/Thresher Use Hour 5.00 800.00 4000.00 f. Sprayer Use Hour
13.00 125.00 1625.00 g. Seed Kg. 45.00 130.00 5850.00 h. Manure Kg.
3390.00 2.50 8475.00 i. Fertilizer Kg.

DAP	Kg.	25.00
	50.00	1250.00
Urea	Kg.	60.00
	25.00	1500.00

Potash Kg. 20.00 35.00 700.00 j. Micronutrients Kg. 3.00 400.00
1200.00 k. Plant Protection Chemical Rs. 890.00 l. Land rent Rs.

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

8000.00 m. Management Cost Rs. 4000.00 n. Interest on Variable Cost
Rs. 5546.80

2. Fixed Cost Rs. 1925.00 a. Land Tax Rs. 425.00 b. Water Tax Rs.
250.00 c. Depreciation of Farm Equipment Rs. 550.00 d. Repair &
Maintenance of Farm Equipment Rs. 700.00

3. Total Cost Rs. 86711.80

4. Gross Income Rs. 121202.25 a. Main Product Kg. 4010.00
28.50 114285.00 b. By-Product Kg. 4611.50 1.50 6917.25

5. Gross Profit at Farm Gate Rs. 34490.45

6. Cost Per Quintal Rs. 1989.89

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1924.80

2. Value at Market Kg. 3689.20 40.35 148859.22

3. Net Profit Rs. 67139.87

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhading

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

65.00

Variety: Hardinath-1

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 89541.61 a. Human Labour Day 490.00 31850.00 b. Bullock Labour Day 2.00 950.00 1900.00 c. Tractor/Power Tiller Use Hour 8.00 400.00 3200.00 d. Pumpset Use Hour 15.00 250.00 3750.00 e. Harvester/Thresher Use Hour 6.00 800.00 4800.00 f. Sprayer Use Hour 15.00 130.00 1950.00 g. Seed Kg. 50.00 125.00 6250.00 h. Manure Kg. 4145.00 2.75 11398.75

i. Fertilizer	Kg.			
DAP	Kg.	25.00	55.00	1375.00
Urea	Kg.	60.00	25.00	1500.00

Potash Kg. 15.00 35.00 525.00 j. Micronutrients Kg. 3.00 425.00 1275.00 k. Plant Protection Chemical Rs. 910.00 l. Land rent Rs. 9000.00 m. Management Cost Rs. 4000.00 n. Interest on Variable Cost Rs. 5857.86

2. Fixed Cost Rs. 2025.00 a. Land Tax Rs. 425.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 600.00 d. Repair & Maintenance of Farm Equipment Rs. 700.00

3. Total Cost Rs. 91566.61

4. Gross Income Rs. 119509.15 a. Main Product Kg. 3910.00 28.15 110066.50 b. By-Product Kg. 4496.50 2.10 9442.65

5. Gross Profit at Farm Gate Rs. 27942.54

6. Cost Per Quintal Rs. 2100.36

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1876.80

Crop: Spring Paddy

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>
Condition: Irrigated		

A. AVERAGE COST OF PRODUCTION PER HECTARE

		<u>Rs.</u>	
		Day	65.00
		Day	
		Hour	
2. Value at Market	Kg.	3597.20	39.10 140650.52
3. Net Profit	Rs.	56649.76	

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dadeldhura

Variety: Hardinath-3

Particular

Value in Rs.

1. Variable Cost	88101.13	a. Human Labour	480.00	31200.00	b. Bullock Labour
2.00	850.00	1700.00	c. Tractor/Power Tiller Use	8.00	400.00
			3200.00	d. Pumpset Use	Hour
14.00	280.00	3920.00	e. Harvester/Thresher Use	Hour	5.00
			900.00	4500.00	f. Sprayer Use
Hour	16.00	125.00	2000.00	g. Seed	Kg.
			48.00	125.00	6000.00
				4210.00	2.75
	11577.50	i. Fertilizer	Kg.		
		DAP	Kg.	30.00	50.00
		Urea	Kg.	70.00	25.00
		Potash	Kg.	20.00	35.00
		700.00	j. Micronutrients	Kg.	4.00
			325.00	1300.00	k. Plant
					Protection Chemical
					Rs. 990.00
					l. Land rent
					Rs. 8000.00
					m. Management Cost
					Rs. 4000.00
					<u>n. Interest on Variable Cost</u>
					Rs. 5763.63
2. Fixed Cost	Rs. 2000.00	a. Land Tax	Rs. 450.00	b. Water Tax	Rs. 300.00
		c. Depreciation			
		of Farm Equipment	Rs. 500.00	d. Repair & Maintenance	of Farm Equipment
			Rs. 750.00		
3. Total Cost	Rs. 90101.13				
4. Gross Income	Rs. 116481.23	a. Main Product	Kg.	3810.00	28.10
		107061.00	b. By-		
		Product	Kg.	4381.50	2.15
					9420.23

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>
Condition: Irrigated		

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>	
	Day	65.00
	Day	
	Hour	
5. <u>Gross Profit at Farm Gate</u>	<u>Rs.</u>	26380.10
6. <u>Cost Per Quintal</u>	<u>Rs.</u>	2117.61

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	<u>Rs.</u>	1828.80
2. <u>Value at Market</u>	<u>Kg.</u>	3505.20
	<u>Rs.</u>	38.15
3. <u>Net Profit</u>	<u>Rs.</u>	51213.68

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Makwanpur

Variety: Chaite-5

<u>Particular</u>	<u>Value in Rs.</u>
1. <u>Variable Cost</u>	104575.11
a. Human Labour	525.00 34125.00
b. Bullock Labour	0.00 0.00 0.00
c. Tractor/Power Tiller Use	6.00 1800.00 10800.00
d. Pumpset Use	Hour 26.00 275.00 7150.00
e. Harvester/Thresher Use	Hour 5.00 1000.00 5000.00
f. Sprayer Use	Hour 8.00 120.00 960.00
g. Seed	Kg. 50.00 140.00 7000.00
h. Manure	Kg. 3875.00 3.25 12593.75
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
j. Micronutrients	Kg. 3.00 410.00 1230.00
k. Plant Protection Chemical	Rs. 800.00
l. Land rent	Rs. 10000.00
m. Management Cost	Rs. 4000.00
n. Interest on Variable Cost	Rs. 6841.36

Crop: Spring Paddy

Year: 2024/2025

Unit Quantity Price

Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.

Day 65.00

Day

Hour

2. Fixed Cost Rs. 2050.00 a. Land Tax Rs. 400.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 650.00 d. Repair & Maintenance of Farm Equipment Rs. 700.00

3. Total Cost Rs. 106625.11

4. Gross Income Rs. 133739.81

a. Main Product Kg. 4325.00 28.45 123046 **Error! Bookmark not defined.**

b. By-Product Kg. 4973.75 2.15 10693 **Error! Bookmark not defined.**

5. Gross Profit at Farm Gate Rs. 271146. Cost Per Quintal Rs. 2218.07 **Error! Bookmark not defined.**

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 2076.00

2. Value at Market Kg. 3979.00 39.65 **157767.35**

3. Net Profit Rs. 59759.80

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Jumla Crop:

Paddy

Year: 2024/2025

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	
	<u>Rs.</u>			
	Day			
	Day			
	Hour			

Variety: Local Marshi

Particular**Value in Rs.**

1. Variable Cost **95317.01** a. Human Labour 70.00 425.00 29750.00 b. Bullock Labour 3.00 850.00 2550.00 c. Tractor/Power Tiller Use 5.00 400.00 2000.00 d. Pumpset Use Hour 0.00 0.00 0.00 e. Harvester/Thresher Use Hour 8.00 900.00 7200.00 f. Sprayer Use Hour 8.00 150.00 1200.00 g. Seed Kg. 45.00 175.00 7875.00 h. Manure Kg. 5148.00 3.50 18018.00 i. Fertilizer Kg.

DAP	Kg.	20.00	60.00	1200.00
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Urea	Kg.	30.00	25.00	750.00
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Potash Kg. 10.00 40.00 400.00	j. Micronutrients Kg. 4.00 500.00 2000.00	k. Plant Protection Chemical Rs. 2400.00	l. Land rent Rs. 10000.00	m. Management Cost Rs. 4000.00	n. Interest on Variable Cost Rs. 5974.01
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2. Fixed Cost **Rs. 1500.00** a. Land Tax Rs. 550.00 b. Water Tax Rs. c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 450.00

3. Total Cost **Rs. 96817.01**

4. Gross Income **Rs. 169312.50** a. Main Product Kg. 2625.00 60.65 159206.25 b. By-Product Kg. 2887.50 3.50 10106.25

5. Gross Profit at Farm Gate **Rs. 72495.49**

6. Production Cost Per Quintal **Rs. 3303.27**

B. MARKETING AT NEAREST WHOLESALE MARKET

1. Marketing Cost **Rs. 1260.00**

2. Value at Market **Kg. 2415.00 90.65 218919.75**

3. Net Profit **Rs. 130948.99**

Wheat

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Kavrepalanchowk

Crop: Wheat
Variety: WK 1204

Year: 2024/2025
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 PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			83901.10
a. Human Labour	Day	45.00	480.00	21600.00
b. Bullock Labour	Day	2.00	900.00	1800.00
c. Power Tiller Use	Hour	6.00	400.00	2400.00
d. Pumpset Use	Hour	20.00	250.00	5000.00
e. Thresher Use	Hour	4.00	900.00	3600.00
f. Sprayer Use	Hour	5.00	125.00	625.00
g. Seed	Kg.	125.00	120.00	15000.00
h. Manure	Kg.	3055.00	3.00	9165.00
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	50.00	20.00	1000.00
Potash	Kg.	15.00	36.00	540.00
Micronutrients	Kg.			0.00
j. Plant Protection Chemical	Rs.			750.00
k. Management Cost	Rs.			4000.00
l. Land Rent	Rs.			12500.00
m. Interest on Variable Cost	Rs.			4671.10
<u>2. Fixed Cost</u>	<u>Rs.</u>			1600.00
a. Land Tax	Rs.			450.00
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			500.00
d. Repair & Maintenance of Farm Equipment	Rs.			650.00
<u>3. Total Cost</u>	<u>Rs.</u>			85501.10

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>4. Gross Income</u>				Rs. 112048.00
a. Main Product	Kg.	2980.00	36.50	108770.00
b. By-Product	Kg.	3278.00	1.00	3278.00
<u>5. Gross Profit at Farm Gate</u>	Rs.	26546.90		
<u>6. Cost Per Quintal</u>	Rs.	2759.16		
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>				
<u>1. Marketing Cost</u>	Rs.	1072.80		
<u>2. Value at Market</u>	Kg.	2741.60	45.40	124468.64
<u>3. Net Profit</u>	Rs.	41172.74		

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Udaypur

Crop: Wheat

Variety: Achut

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 85198.75

a. Human Labour Day 49.00 475.00 23275.00 b. Bullock Labour Day 2.00 850.00 1700.00 c. Power Tiller Use Hour 6.00 400.00 2400.00 d. Pumpset Use Hour 15.00 250.00 3750.00 e. Thresher Use Hour 4.00 900.00 3600.00 f. Sprayer Use Hour 10.00 110.00 1100.00 g. Seed Kg. 120.00 120.00 14400.00 h. Manure Kg. 2975.00 3.00 8925.00 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

Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 650.00 k. Management Cost Rs. 3500.00 l. Land lease Rs. 12500.00 m. Interest on Variable Cost Rs. 5573.75

2. Fixed Cost Rs. 1410.00 a. Land Tax Rs. 460.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 550.00

Year: 2024/2025
Condition: Irrigated

3. Total Cost Rs. 86608.75

4. Gross Income Rs. 115056.00 a. Main Product Kg. 3060.00 36.50 111690.00 b. By-Product Kg. 3366.00 1.00 3366.00

5. Gross Profit at Farm Gate Rs. 28447.25

6. Cost Per Quintal Rs. 2720.35

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1101.60

2. Value at Market Kg. 2815.20 46.20 130062.24

3. Net Profit Rs. 45717.89

**AVERAGE COST OF PRODUCTION &
MARGIN PER HECTARE**

DISTRICT: Dhankuta

Crop: Wheat

Variety: Annapurna-3

Year: 2024/2025

Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day
Day
Hour

1. Variable Cost Rs. 92605.55

a. Human Labour 55.00 450.00 24750.00 b. Bullock Labour 2.00 850.00 1700.00 c. Power Tiller Use 7.00 425.00 2975.00 d. Pumpset Use Hour 15.00 250.00 3750.00 e. Thresher Use Hour 5.00 850.00 4250.00 f. Sprayer Use Hour 12.00 125.00 1500.00 g. Seed Kg. 123.00 125.00 15375.00 h. Manure Kg. 4180.00 3.00 12540.00 i. Fertilizer Kg.

DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	60.00	25.00	1500.00
Potash	Kg.	25.00	35.00	875.00

Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 900.00 k. Management Cost Rs. 3500.00 l. Land Lease Rs. 12500.00 m. Interest on Variable Cost Rs. 5240.55

2. Fixed Cost Rs. 1400.00 a. Land Tax Rs. 450.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 450.00

3. Total Cost Rs. 94005.55

4. Gross Income Rs. 123291.70

a. Main Product Kg. 3115.00 36.50 113697.50 b. By-Product Kg. 3426.50 2.80 9594.20

5. Gross Profit at Farm Gate Rs. 29286.15

6. Cost Per Quintal Rs. 2709.83

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1121.40

Year: 2024/2025
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 PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			
a. Human Labour	Day			
b. Bullock Labour	Day			
	Hour			
<u>4. Gross Income</u>	<u>Rs.</u>			106408.00
a. Main Product	Kg.	2830.00	36.50	103295.00
b. By-Product	Kg.	<u>3113.00</u>	<u>1.00</u>	<u>3113.00</u>
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			22284.94

6. Cost Per Quintal **Rs.** **2862.55**

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost **Rs.** **1018.80**

2. Value at Market **Kg.** 2603.60 52.90 **137730.44**

3. Net Profit **Rs.** **55701.58**

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Saptari

Crop: Wheat

Variety: Gautam

									89200.55
					55.00	475.00			26125.00
					2.00	900.00			1800.00
4.00	1800.00	7200.00	d. Pumpset Use	Hour	16.00	275.00		4400.00	e.
			Thresher Use	Hour	5.00	850.00	4250.00	f. Sprayer Use	Hour
	80.00	800.00	g. Seed	Kg.	125.00	100.00	12500.00	h. Manure	
	Kg.	2070.00	3.00	6210.00	i. Fertilizer	Kg.			
	DAP			Kg.	35.00	50.00			1750.00
	Urea			Kg.	50.00	25.00			1250.00

Year: 2024/2025

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 PER HECTARE</u>				
<u>1. Variable Cost</u>				
	<u>Rs.</u>			
a. Human Labour	Day			
b. Bullock Labour	Day			
c. Tractor Use	Hour			
Potash	Kg.	20.00	35.00	700.00
Micronutrients	Kg.	0.00		
j. Plant Protection Chemical	Rs.		880.00	
k. Management Cost	Rs.			3000.00
l. Land Lease	Rs.			12500.00
m. Interest on Variable Cost	<u>Rs.</u>			<u>5835.55</u>

2. Fixed Cost Rs. 1830.00 a. Land Tax Rs. 480.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 550.00

3. Total Cost Rs. 91030.55

4. Gross Income Rs. 115519.69

a. Main Product Kg. 3045.00 36.50 111142.50

b. By-Product Kg. 3501.75 1.25 4377.19

5. Gross Profit at Farm Gate Rs. 24489.14

6. Cost Per Quintal Rs. 2845.76

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1096.20

2. Value at Market Kg. 2801.40 44.15 123681.81

3. Net Profit Rs. 35932.25

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sunsari

Crop: Wheat

Year: 2024/2025

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			
a. Human Labour	Day			
b. Bullock Labour	Day			
	Hour			
Variety: Bijaya				
			Condition: Irrigated	

Year: 2024/2025
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 PER HECTARE</u>							
<u>1. Variable Cost</u>							
a. Human Labour	Day						
b. Bullock Labour	Day						
c. Tractor Use	Hour						
				93835.26			
		50.00	500.00	25000.00			
		2.00	850.00	1700.00			
6.00 1900.00	11400.00	d. Pumpset Use	Hour	15.00 250.00	3750.00		
e. Thresher Use	Hour	5.00 1000.00	5000.00	f. Sprayer Use	Hour	10.00	
120.00	1200.00	g. Seed	Kg.	120.00	100.00	12000.00	
h. Manure	Kg.	2210.00	3.15	6961.50	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			
Micronutrients	Kg.	0.00	j. Plant Protection Chemical	Rs.	810.00	k. Management Cost	Rs.
3500.00	l. Land Lease	Rs.	12500.00	m. Interest on Variable Cost	Rs.	6138.76	

2. Fixed Cost Rs. 2000.00 a. Land Tax Rs. 500.00 b. Water Tax Rs. 250.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 750.00

3. Total Cost Rs. 95835.26

4. Gross Income Rs. 124436.03 a. Main Product K.G. 3290.00 36.50 120085.00 b. By-Product K.G. 3783.50 1.15 4351.03

5. Gross Profit at Farm Gate Rs. 28600.77

6. Cost Per Quintal Rs. 2780.68

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 394.80

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
2. Value at Market	Kg.	3026.80	46.40	140443.52
3. Net Profit	Rs.			48564.49

**AVERAGE COST OF PRODUCTION &
MARGIN PER HECTARE**

DISTRICT: Rupandehi

Crop: Wheat
Variety: Aditya

									102768.15	
					49.00	480.00			23520.00	
					2.00	900.00			1800.00	
5.00	1900.00	9500.00	d. Pumpset Use	Hour	18.00	280.00		5040.00	e.	
			Thresher Use	Hour	5.00	900.00	4500.00	f. Sprayer Use	Hour	10.00
	100.00	1000.00	g. Seed	Kg.	125.00	150.00		18750.00	h.	
Manure	Kg.	3015.00	3.00	9045.00	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	
	Micronutrients	Kg.	0.00	j. Plant Protection Chemical	Rs.	810.00	k. Management Cost	Rs.		
	3000.00	l. Land lease	Rs.	15000.00	m. Interest on Variable Cost	Rs.		<u>6723.15</u>		

2. Fixed Cost Rs. 1900.00 a. Land Tax Rs. 500.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 600.00 d. Repair & Maintenance of Farm Equipment Rs. 500.00

3. Total Cost Rs. 104668.15

Year: 2024/2025
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 PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			
a. Human Labour	Day			
b. Bullock Labour	Day			
c. Tractor Use	Hour			
<u>4. Gross Income</u>	<u>Rs.</u>	<u>135436.88</u>	a. Main Product Kg. 3570.00 36.50 130305.00	b. By-Product Kg. 4105.50 1.25 5131.88

5. Gross Profit at Farm Gate **Rs.** 30768.73

6. Cost Per Quintal **Rs.** 2788.13

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost **Rs.** 1285.20

2. Value at Market **Kg.** 3284.40 50.70 **166519.08**

3. Net Profit **Rs.** **65697.61**

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Parsa

Crop: Wheat

Variety: BL – 1135

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost **Rs.** 95797.74

a. Human Labour Day 58.00 450.00 26100.00 b. Bullock Labour Day 2.00 875.00 1750.00 c. Tractor Use Hour 6.00 1750.00 10500.00 d. Pumpset Use Hour 15.00 275.00 4125.00 e. Thresher Use Hour 5.00 890.00 4450.00 f. Sprayer Use Hour 10.00 100.00 1000.00 g. Seed Kg. 125.00 100.00 12500.00 h. Manure Kg. 3092.00 3.05 9430.60 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

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 725.00 k. Management Cost Rs. 3000.00 l. Land Lease Rs. 12500.00 m. Interest on Variable Cost Rs. 6267.14

<u>2. Fixed Cost</u>	<u>Rs.</u>			1750.00
a. Land Tax	Rs.			450.00
b. Water Tax	Rs.			300.00
c. Depreciation of Farm Equipment	Rs.			400.00
d. Repair & Maintenance of Farm Equipment	<u>Rs.</u>			<u>600.00</u>

3. Total Cost Rs. 97547.74

4. Gross Income Rs. 130090.88 a. Main Product Kg. 3450.00 36.50 125925.00 b. By-Product Kg. 3967.50 1.05 4165.88

5. Gross Profit at Farm Gate Rs. 32543.13

6. Cost Per Quintal Rs. 2706.72

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1242.00

2. Value at Market Kg. 3174.00 52.15 **165524.10**

3. Net Profit Rs. 70900.23

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dailekh

Crop: Wheat
Variety: Annapurna-1

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day
Day
Hour

1. Variable Cost 82979.57

a. Human Labour 65.00 450.00 29250.00 b. Bullock Labour 2.00 800.00 1600.00 c. Power Tiller Use 5.00 400.00 2000.00 d. Pumpset Use Hour 10.00 200.00 2000.00 e. Thresher Use Hour 5.00 800.00 4000.00 f. Sprayer Use Hour 10.00 90.00 900.00 g. Seed Kg. 125.00 110.00 13750.00 h. Manure Kg. 2927.00 3.00 8781.00 i. Fertilizer Kg. DAP 20.00 53.00 1060.00 Urea 40.00 25.00 1000.00 Potash 0.00 0.00 0.00 Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 710.00 k. Management Cost Rs. 2500.00 l. Land Lease Rs. 10000.00 m. Interest on Variable Cost Rs. 5428.57

2. Fixed Cost Rs. 1450.00 a. Land Tax Rs. 400.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 550.00 d. Repair & Maintenance of Farm Equipment Rs. 500.00

3. Total Cost Rs. 84429.57

4. Gross Income Rs. 109387.78

a. Main Product Kg. 2905.00 36.50 106032.50 b. By-Product Kg. 3195.50 1.05 3355.28

5. Gross Profit at Farm Gate Rs. 24958.21

6. Cost Per Quintal Rs. 2790.85

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1045.80

2. Value at Market Kg. 2672.60 46.85 125211.31

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION PER HECTARE				
1. Variable Cost	Rs.			
a. Human Labour	Day			
b. Bullock Labour	Day	Hour		
c. Depreciation of Farm Equipment	Rs.			550.00
d. Repair & Maintenance of Farm Equipment	Rs.			<u>500.00</u>

3. Total Cost Rs. 86631.36

4. Gross Income Rs. 113906.38 a. Main Product Kg. 3025.00 36.50 110412.50

b. By-Product Kg. 3327.50 1.05 3493.88

5. Gross Profit at Farm Gate Rs. 27275.01

6. Cost Per Quintal Rs. 2748.35

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1089.00

2. Value at Market Kg. 2783.00 48.60 135253.80

3. Net Profit Rs. 51027.31

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Wheat

Year: 2024/2025

Variety: Gautam

									103206.85
						50.00	500.00		25000.00
0.00 c. Tractor Use	5.50	1900.00	10450.00	d. Pumpset Use			Hour	25.00	
	250.00	6250.00		e. Thresher Use	Hour	6.00	900.00	5400.00	f.
Sprayer Use	Hour	10.00	100.00	1000.00	g. Seed	Kg.	120.00		125.00
	15000.00			h. Manure	Kg.	3.00	9405.00		i. Fertilizer
DAP					Kg.	30.00	50.00		1500.00

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost

	<u>Rs.</u>			
a. Human Labour	Day		475.00	
b. Bullock Labour	Day			
	Hour			
Urea	Kg.	65.00	25.00	1625.00
Potash	Kg.	25.00	35.00	875.00

Micronutrients Kg. 0.00 0.00 0.00 j. Plant Protection Chemical Rs. 950.00 k. Management Cost Rs. 4000.00 l. Land lease Rs. 15000.00 m. Interest on Variable Cost Rs. 6751.85

2. Fixed Cost Rs. 1950.00 a. Land Tax Rs. 500.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 650.00

3. Total Cost Rs. 105156.85

4. Gross Income Rs. 136845.50 a. Main Product Kg. 3580.00 36.50 130670.00 b. By-Product Kg. 4117.00 1.50 6175.50

5. Gross Profit at Farm Gate Rs. 31688.65

6. Cost Per Quintal Rs. 2764.84

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1718.40

2. Value at Market Kq. 3293.60 49.15 161880.44

3. Net Profit Rs. 61180.69

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Nawalpur

Crop: Wheat

Year: 2024/2025

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 PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			
a. Human Labour	Day			
b. Bullock Labour	Day	Hour		
Variety: BL 1022			Condition: Irrigated	

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION PER HECTARE				
1. Variable Cost				
a. Human Labour	Day		475.00	
b. Bullock Labour	Day	Hour		
		55.00		98842.32
0.00 c. Tractor Use	5.00	1900.00	9500.00	d. Pumpset Use
5000.00	e. Thresher Use	Hour	5.00	900.00
Hour	20.00	120.00	2400.00	g. Seed
15375.00	h. Manure	Kg.	3132.00	3.00
Kg.				9396.00
DAP	Kg.	30.00	55.00	1650.00
Urea	Kg.	45.00	24.00	1080.00
Potash	Kg.	20.00	35.00	700.00
Zinc	Kg.			0.00
J. Plant Protection Chemical	Rs.	650.00	k. Management Cost	Rs. 3500.00
Rs. 12500.00	l. Interest on Variable Cost	Rs.	6466.32	
2. Fixed Cost Rs. 1750.00				
a. Land Tax	Rs.	400.00	b. Water Tax	Rs. 350.00
Depreciation of Farm Equipment	Rs.	400.00	d. Repair & Maintenance of Farm Equipment	Rs. 600.00
3. Total Cost Rs. 100592.32				
4. Gross Income Rs. 135209.25				
a. Main Product	Kg.	3564.00	36.50	130086.00
By-Product	Kg.	4098.60	1.25	5123.25
5. Gross Profit at Farm Gate Rs. 34616.93				
6. Cost Per Quintal Rs. 2678.71				
B. MARKETING COST & MARGIN PER HECTARE PRODUCE				

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
1. Marketing Cost	Rs.			1283.04
2. Value at Market	Kg.	3278.88	51.10	167550.77
3. Net Profit	Rs.			70798.66

**AVERAGE COST OF PRODUCTION &
MARGIN PER HECTARE**

DISTRICT: Bardiya

Crop: Wheat

Variety: NL-971

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 95284.56 a. Human Labour Day 55.00 480.00 26400.00 b. Bullock Labour Day 2.00 900.00 1800.00 c. Tractor Use Hour 5.00 1850.00 9250.00 d. Pumpset Use Hour 15.00 260.00 3900.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 10.00 120.00 1200.00 g. Seed Kg. 120.00 115.00 13800.00 h. Manure Kg. 2125.00 2.95 6268.75 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

Micronutrients Kg. 3.00 450.00 1350.00 j. Plant Protection Chemical Rs. 750.00 k. Management Cost Rs. 3500.00 l. Land lease Rs. 12500.00 m. Interest on Variable Cost Rs. 5415.81

2. Fixed Cost Rs. 1890.00 a. Land Tax Rs. 490.00 b. Water Tax Rs. 350.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 550.00

3. Total Cost Rs. 97174.56

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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475.00

4. Gross Income Rs. 126932.31 a. Main Product K.G. 3356.00 36.50 122494.00 b. By-Product K.G. 3859.40 1.15 4438.31

5. Gross Profit at Farm Gate Rs. 29757.75

6. Cost Per Quintal Rs. 2763.30

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1208.16

2. Value at Market Kg. 3087.52 52.25 161322.92

3. Net Profit Rs. 67378.51

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dang

Crop: Wheat

Variety: Sworgadwari

A. AVERAGE COST OF PRODUCTION PER HECTARE

<u>1. Variable Cost</u>	<u>Rs.</u>			100769.34
a. Human Labour	Day	56.00		26600.00
b. Bullock Labour	Day	2.00	850.00	1700.00
c. Tractor Use	Hour	6.00	1850.00	11100.00
d. Pumpset Use	Hour	20.00	275.00	5500.00
e. Thresher Use	Hour	5.00	900.00	4500.00
f. Sprayer Use	Hour	20.00	100.00	2000.00
g. Seed	Kg.	120.00	115.00	13800.00
h. Manure	Kg.	2927.00	2.85	8341.95
i. Fertilizer	Kg.			

Year: 2024/2025

Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
DAP	Kg.	35.00	51.00	1785.00
Urea	Kg.	60.00	24.00	1440.00
Potash	Kg.	20.00	35.00	700.00
Micronutrients	Kg.			0.00
j. Plant Protection Chemical	Rs.			710.00
k. Management Cost	Rs.			3500.00
l. Land lease	Rs.			12500.00
m. Interest on Variable Cost	Rs.			<u>6592.39</u>
<u>2. Fixed Cost</u>	Rs.			1650.00
a. Land Tax	Rs.			550.00
b. Water Tax	Rs.			0.00
c. Depreciation of Farm Equipment	Rs.			450.00
d. Repair & Maintenance of Farm Equipment	Rs.			<u>650.00</u>
<u>3. Total Cost</u>	Rs.			102419.34
<u>4. Gross Income</u>	Rs.			132212.19
a. Main Product	Kg.	3485.00	36.50	127202.50
b. By-Product	Kg.	4007.75	1.25	5009.69
<u>5. Gross Profit at Farm Gate</u>	Rs.			29792.85
<u>6. Cost Per Quintal</u>	Rs.			2795.11
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>				
<u>1. Marketing Cost</u>	Rs.			1672.80
<u>2. Value at Market</u>	Kg.	3206.20	54.55	174898.21
<u>3. Net Profit</u>	Rs.			75815.76

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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475.00

**AVERAGE COST OF PRODUCTION &
MARGIN PER HECTARE**

DISTRICT: Parbat

Crop: Wheat

Seed: Annapurna-3

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost

a. Human Labour

Rs.

Day

Day

Hour

88183.52

60.00 480.00 28800.00 b. Bullock Labour 2.00 875.00

1750.00 c. Power Tiller Use 5.00 400.00 2000.00 d.

Pumpset Use Hour 0.00 0.00 0.00 e. Thresher Use

Hour 6.00 900.00 5400.00 f. Sprayer Use Hour

10.00 115.00 1150.00 g. Seed Kg. 120.00

125.00 15000.00 h. Manure Kg. 3210.00

2.95 9469.50 i. Fertilizer Kg.

DAP Kg. 25.00 55.00 1375.00

Urea Kg. 50.00 25.00 1250.00

Potash Kg. 0.00 0.00 0.00

Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 720.00 k.

Management Cost Rs. 3500.00 l. Land lease Rs. 12000.00 m. Interest

on Variable Cost Rs. 5769.02

2. Fixed Cost

Rs.

1610.00

a. Land Tax

Rs.

460.00

b. Water Tax

Rs.

200.00

c. Depreciation of Farm Equipment

Rs.

500.00

d. Repair & Maintenance of Farm Equipment

Rs.

450.00

3. Total Cost Rs. 89793.52

4. Gross Income Rs. 114003.75 a. Main Product Kg. 3010.00

36.50 109865.00 b. By-Product Kg. 3311.00 1.25 4138.75

Crop: Wheat
Variety: Annapurna

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION PER HECTARE				
1. Variable Cost				
a. Human Labour	Day			
	Day			
	Hour			
5. Gross Profit at Farm Gate			Rs.	24210.24
6. Cost Per Quintal			Rs.	2845.67
B. MARKETING COST & MARGIN PER HECTARE PRODUCE				
1. Marketing Cost			Rs.	361.20
2. Value at Market	Kg.	2769.20	40.85	113121.82
3. Net Profit			Rs.	27105.86

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Doti

-1

					94122.55
60.00	480.00	28800.00	b. Bullock Labour	2.00	800.00
	1600.00		c. Power Tiller Use	6.00	400.00
Pumpset Use	Hour	15.00	255.00	3825.00	d. Thresher
Use	Hour	6.00	880.00	5280.00	f. Sprayer Use
	10.00	100.00	1000.00	g. Seed	Kg. 125.00
	125.00	15625.00	h. Manure	Kg.	3220.00
	3.00	9660.00	i. Fertilizer	Kg.	
	DAP		Kg.	25.00	52.00
	Urea		Kg.	45.00	25.00
	Potash		Kg.	10.00	36.00
	Micronutrients	Kg. 0.00	j. Plant Protection Chemical	Rs. 990.00	k.
	Management Cost	Rs. 3500.00	l. Land lease	Rs. 12500.00	m. Interest
	on Variable Cost	<u>Rs.</u>		<u>6157.55</u>	

Crop: Wheat
Variety: Annapurna

Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost

a. Human Labour

Rs.

Day

Day

Hour

2. Fixed Cost Rs. 1440.00 a. Land Tax Rs. 490.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 550.00

3. Total Cost Rs. 95562.55

4. Gross Income Rs. 118959.75 a. Main Product Kg. 3150.00 36.50 114975.00 b. By-Product Kg. 3465.00 1.15 3984.75

5. Gross Profit at Farm Gate Rs. 23397.20

6. Cost Per Quintal Rs. 2907.23

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1512.00

2. Value at Market Kg. 2898.00 48.20 139683.60

3. Net Profit Rs. 46593.80

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Kaski

Year: 2024/2025 -3

85998.68

55.00 485.00 26675.00 b. Bullock Labour 2.00 800.00
1600.00 c. Power Tiller Use 6.00 400.00 2400.00 d.
Pumpset Use Hour 0.00 0.00 0.00 e. Thresher Use
Hour 6.00 875.00 5250.00 f. Sprayer Use Hour
10.00 110.00 1100.00 g. Seed Kg. 125.00

Crop: Wheat
Variety: Annapurna

Year: 2024/2025
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 PER HECTARE</u>				
<u>1. Variable Cost</u>				
a. Human Labour	Day			
	Day			
	Hour			
120.00	15000.00 h. Manure		Kg.	3032.00
3.05	9247.60 i. Fertilizer		Kg.	
DAP		Kg.	30.00	50.00
				1500.00
Urea		Kg.	50.00	25.00
				1250.00
Potash		Kg.	0.00	
Micronutrients		Kg.	0.00	
j. Plant Protection Chemical				Rs. 850.00
k. Management Cost				Rs. 3500.00
l. Land lease				Rs. 12000.00
m. Interest on Variable Cost				<u>Rs. 5626.08</u>
<hr/>				
<u>2. Fixed Cost</u>	<u>Rs.</u>			1730.00
a. Land Tax	Rs.			450.00
b. Water Tax	Rs.			300.00
c. Depreciation of Farm Equipment	Rs.			430.00
d. Repair & Maintenance of Farm Equipment	<u>Rs.</u>			<u>550.00</u>
<hr/>				
<u>3. Total Cost</u>	<u>Rs.</u>			87728.68
<u>4. Gross Income</u>	<u>Rs.</u>			117483.60
a. Main Product	Kg.	3120.00		
36.50	113880.00	b. By-Product	Kg.	<u>3432.00</u>
		1.05		3603.60
<hr/>				
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			29754.92
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2696.32
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			1123.20
<u>2. Value at Market</u>	<u>Kg.</u>	2870.40	52.95	151987.68

Crop: Wheat
Variety: Annapurna

Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
A. AVERAGE COST OF PRODUCTION PER HECTARE				
1. Variable Cost	Rs.			
a. Human Labour	Day			
	Day			
	Hour			
3. Net Profit	Rs.			66739.40

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Salyan

-3

Crop: Wheat
Variety: Annapurna

Year: 2024/2025
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 PER HECTARE</u>				
<u>1. Variable Cost</u>				
a. Human Labour	Day			
	Day			
	Hour			
				92181.57
60.00 475.00 28500.00 b. Bullock Labour	2.00	900.00	1800.00 c.	
Power Tiller Use 5.00 450.00 2250.00 d. Pumpset Use	Hour	15.00	250.00	
3750.00 e. Thresher Use	Hour	6.00	900.00	5400.00 f. Sprayer Use
Hour 10.00 100.00 1000.00 g. Seed	Kg.	120.00	120.00	
14400.00 h. Manure	Kg.	3132.00	3.00	9396.00 i. Fertilizer
Kg.				
DAP	Kg.	30.00	55.00	1650.00
Urea	Kg.	50.00	25.00	1250.00
Potash	Kg.	15.00	36.00	540.00
Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 715.00 k. Management Cost Rs.				
3500.00 l. Land lease Rs. 12000.00 m. Interest on Variable Cost				<u>Rs. 6030.57</u>
<hr/>				
<u>2. Fixed Cost Rs. 1475.00</u>				
a. Land Tax Rs. 475.00 b. Water Tax			Rs. c.	
Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment				
Rs. 600.00				
<hr/>				
<u>3. Total Cost Rs. 93656.57</u>				
<hr/>				
<u>4. Gross Income Rs. 123884.95</u>				
a. Main Product Kg. 3290.00 36.50 120085.00 b.				
By-Product Kg. 3619.00 1.05 3799.95				
<hr/>				
<u>5. Gross Profit at Farm Gate Rs. 30228.38</u>				
<hr/>				
<u>6. Cost Per Quintal Rs. 2731.20</u>				
<hr/>				
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>				
<hr/>				
<u>1. Marketing Cost Rs. 1184.40</u>				
<hr/>				
<u>2. Value at Market Kg. 3026.80 50.20 151945.36</u>				

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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3. Net Profit Rs. 60904.34

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Crop: Wheat

Variety: Gautam

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 103559.95 a. Human Labour Day 53.00 480.00 25440.00 b. Bullock Labour Day 0.00 c. Tractor Use Hour 6.00 1800.00 10800.00 d. Pumpset Use Hour 20.00 275.00 5500.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 10.00 110.00 1100.00 g. Seed Kg. 120.00 130.00 15600.00 h. Manure Kg. 3065.00 3.00 9195.00 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

Micronutrients Kg. 0.00 j. Plant Protection Chemical Rs. 850.00 k. Management Cost Rs. 4000.00 l. Land lease Rs. 15000.00 m. Interest on Variable Cost Rs. 6774.95

<u>2. Fixed Cost</u>	<u>Rs.</u>	1750.00
a. Land Tax	Rs.	500.00
b. Water Tax	Rs.	300.00
c. Depreciation of Farm Equipment	Rs.	400.00
d. Repair & Maintenance of Farm Equipment	<u>Rs.</u>	<u>550.00</u>

Year: 2024/2025
Condition: Irrigated

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

3. Total Cost Rs. 105309.95

4. Gross Income Rs. 133691.75 a. Main Product K.G. 3524.00 36.50 128626.00 b. By-Product K.G. 4052.60 1.25 5065.75

5. Gross Profit at Farm Gate Rs. 28381.80

6. Cost Per Quintal Rs. 2844.61

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 422.88

2. Value at Market Kg. 3242.08 538.00 1744239.04

3. Net Profit Rs. 1643571.96

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kailali

Crop: Wheat

Variety: NL-297

1. Variable Cost Rs. 100922.40 a. Human Labour Day 53.00 480.00 25440.00 b. Bullock Labour Day 2.00 900.00 1800.00 c. Tractor Use Hour 5.00 1850.00 9250.00 d. Pumpset Use Hour 22.00 250.00 5500.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 10.00 100.00 1000.00 g. Seed Kg. 120.00 120.00 14400.00 h. Manure Kg. 3090.00 3.00 9270.00 i. Fertilizer Kg.

DAP	Kg.	30.00	55.00	1650.00
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. 790.00 k. Management Cost Rs. 3500.00 l. Land lease Rs. 15000.00 l. Interest on Variable Cost Rs. 6602.40

Crop: Maize

Year: 2024/2025

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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2. Fixed Cost Rs. 1820.00 a. Land Tax Rs. 490.00 b. Water Tax Rs. 300.00 c. Depreciation of Farm Equipment Rs. 480.00 d. Repair & Maintenance of Farm Equipment Rs. 550.00

3. Total Cost Rs. 102742.40

4. Gross Income Rs. 138197.99 a. Main Product Kg. 3665.00 36.50 133772.50
b. By-Product Kg. 4214.75 1.05 4425.49

5. Gross Profit at Farm Gate Rs. 35455.59

6. Cost Per Quintal Rs. 2682.59

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1319.40

2. Value at Market Kg. 3371.80 38.85 130994.43

3. Net Profit Rs. 31358.12

Maize

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Dadeldhura

Year: 2024/2025
Condition: Irrigated

		<u>Unit</u>	<u>Quantity</u>		
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>					
		<u>Rs.</u>			
		Day			
		Day			
		Hour			
Variety: Manakamana 9			Condition: Irrigated		
<u>Particular</u>			<u>Price</u>	<u>Value in Rs.</u>	
<u>1. Variable Cost</u>					80315.54
a. Human Labour			55.00	480.00	26400.00
b. Bullock Labour			2.00	750.00	1500.00
c. Tiller/Tractor Use			5.00	450.00	2250.00
d. Pumpset Use	Hour		10.00	250.00	2500.00
e. Thresher Use	Hour		5.00	900.00	4500.00
f. Sprayer Use	Hour		8.00	100.00	800.00
g. Seed	Kg.		22.00	105.00	2310.00
h. Manure	Kg.		4025.00	3.25	13081.25
i. Fertilizer	Kg. DAP Kg. Urea Kg. Potash Kg.		40.00	50.00	2000.00
j. Plant Protection Chemical	Rs.		60.00	25.00	1500.00
k. Management Cost	Rs.		20.00	36.00	720.00
l. Land Rent	Rs.				1500.00
m. Interest on Variable Cost	Rs.				3500.00
<u>2. Fixed Cost</u>					Rs.
a. Land Tax	Rs.				12500.00
b. Water Tax	Rs.				5254.29
c. Depreciation of Farm Equipment	Rs.				1325.00
d. Repair & Maintenance of Farm Equipment	Rs.				450.00
<u>3. Total Cost</u>	<u>Rs.</u>	<u>4. Gross Income</u>	<u>Rs.</u>		
a. Main Product	Kg.				375.00
b. By-Product	Kg.				500.00
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>	28254.56			81640.54
<u>6. Cost Per Quintal</u>	<u>Rs.</u>	2586.31	3010.00	35.25	106102.50
			3612.00	1.05	3792.60

Year: 2024/2025

	<u>Unit</u>	<u>Quantity</u>
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>		
	<u>Rs.</u>	
	Day	
	Day	
	Hour	
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>		
<u>1. Marketing Cost</u>	<u>Rs.</u>	1444.80
<u>2. Value at Market</u>	<u>Kg.</u>	2769.20 45.30 125444.76
<u>3. Net Profit</u>	<u>Rs.</u>	46152.02

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Surkhet

Crop: Maize

Variety: Manakamana-3

Particular

<u>1. Variable Cost</u>	<u>Rs.</u>	84776.10	a. Human Labour Day 62.00 450.00 27900.00	b. Bullock Labour Day 2.00 875.00 1750.00	c. Tiller/Tractor Use Hour 5.00 450.00 2250.00	d. Pumpset Use Hour 0.00 e. Thresher Use Hour 5.00 900.00 4500.00	f. Sprayer Use Hour 10.00 125.00 1250.00	g. Seed Kg. 22.00 145.00 3190.00	h. Manure Kg. 6185.00 3.00 18555.00	i. Fertilizer Kg.
			DAP	Kg.	30.00	50.00	1500.00			
			Urea	Kg.	40.00	25.00	1000.00			
			Potash Kg. 10.00 36.00 360.00	j. Plant Protection Chemical Rs. 1475.00	k. Management Cost Rs. 3500.00	l. Land Rent Rs. 12000.00	<u>m. Interest on Variable Cost Rs. 5546.10</u>			
<u>2. Fixed Cost</u>	<u>Rs.</u>	1405.00	a. Land Tax Rs. 425.00	b. Water Tax Rs.	c. Depreciation of Farm Equipment Rs. 580.00	<u>d. Repair & Maintenance of Farm Equipment Rs. 400.00</u>				
<u>3. Total Cost</u>	<u>Rs.</u>	86181.10								
<u>4. Gross Income</u>	<u>Rs.</u>	116667.00	a. Main Product Kg. 3132.00 35.75 111969.00	b. By-Product Kg. 3758.40 1.25 4698.00						
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>	30485.90								

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

6. Cost Per Quintal Rs. 2601.63

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1503.36

2. Value at Market Kg. 2881.44 48.80 140614.27

3. Net Profit Rs. 57627.81

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhankuta

Variety: Manakamana-6

Condition: Irrigated

Crop: Maize

Year: 2024/2025

		<u>Unit</u>	<u>Quantity</u>		
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>					
		<u>Rs.</u>			
		Day			
		Day			
		Hour			
<u>Particular</u>				<u>Price</u>	<u>Value in Rs.</u>
<u>1. Variable Cost</u>					86933.76
a. Human Labour			63.00	475.00	29925.00
b. Bullock Labour			2.00	850.00	1700.00
c. Tiller/Tractor Use			6.00	500.00	3000.00
d. Pumpset Use	Hour				0.00
e. Thresher Use	Hour		5.00	900.00	4500.00
f. Sprayer Use	Hour		15.00	180.00	2700.00
g. Seed	Kg.		21.00	150.00	3150.00
h. Manure	Kg.		5122.00	3.25	16646.50
i. Fertilizer	Kg.	DAP Kg. Urea Kg. Potash Kg.			
j. Plant Protection Chemical	Rs.		25.00	50.00	1250.00
k. Management Cost	Rs.		75.00	25.00	1875.00
l. Land Rent	Rs.		15.00	36.00	540.00
m. Interest on Variable Cost	Rs.				2460.00
<u>2. Fixed Cost</u>					3500.00
a. Land Tax	Rs.				10000.00
b. Water Tax	Rs.				<u>5687.26</u>
c. Depreciation of Farm Equipment	Rs.				1350.00
d. Repair & Maintenance of Farm Equipment	Rs.				450.00
<u>3. Total Cost</u>					
<u>4. Gross Income</u>					400.00
a. Main Product	Kg.				<u>500.00</u>
b. By-Product	Kg.				88283.76
<u>5. Gross Profit at Farm Gate</u>					Rs. 18895.65
<u>6. Cost Per Quintal</u>					Rs. 2875.10
			2930.00	35.20	103136.00
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>					
			3516.00	1.15	4043.40
<u>1. Marketing Cost</u>					Rs. 1406.40

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

<u>2. Value at Market</u>	<u>Kg.</u>	2695.60	45.30	122110.68
<u>3. Net Profit</u>	<u>Rs.</u>	36463.93		

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Myagdi

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

Variety: Deuti

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 90421.42 a. Human Labour Day 62.00 475.00 29450.00 b. Bullock Labour Day 2.00 900.00 1800.00 c. Tiller/Tractor Use Hour 6.00 500.00 3000.00 d. Pumpset Use Hour 15.00 250.00 3750.00 e. Thresher Use Hour 5.00 850.00 4250.00 f. Sprayer Use Hour 20.00 120.00 2400.00 g. Seed Kg. 22.00 145.00 3190.00 h. Manure Kg. 5042.00 3.00 15126.00 i. Fertilizer Kg.

DAP Kg. 25.00 50.00 1250.00

Urea Kg. 50.00 25.00 1250.00

Potash Kg. 15.00 36.00 540.00 j. Plant Protection Chemical Rs. 2500.00 k.

Management Cost Rs. 3500.00 l. Land Rent Rs. 12500.00 m. Interest on Variable Cost Rs. 5915.42

2. Fixed Cost Rs. 1480.00 a. Land Tax Rs. 500.00 b. Water Tax Rs. 200.00 c. Depreciation of Farm Equipment Rs. 330.00 d. Repair & Maintenance of Farm Equipment Rs. 450.00

3. Total Cost Rs. 91901.42

4. Gross Income Rs. 117474.70 a. Main Product Kg. 3265.00 34.60 112969.00 b. By-Product Kg. 3918.00 1.15 4505.70

5. Gross Profit at Farm Gate Rs. 25573.28

6. Cost Per Quintal Rs. 2676.74

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1567.20

2. Value at Market Kg. 3003.80 50.65 152142.47

3. Net Profit Rs. 63179.55

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.

Day

Day

Hour

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Rolpa

Variety: Manakamana-4

Particular

1. Variable Cost Rs. 84246.45 a. Human Labour 56.00 460.00 25760.00 b. Bullock Labour 2.00 825.00 1650.00 c. Tiller/Tractor Use 6.00 450.00 2700.00 d. Pumpset Use Hour 10.00 250.00 2500.00 e. Thresher Use Hour 5.00 890.00 4450.00 f. Sprayer Use Hour 20.00 125.00 2500.00 g. Seed Kg. 20.00 140.00 2800.00 h. Manure Kg. 5185.00 3.00 15555.00 i. Fertilizer Kg.

DAP Kg. 25.00 55.00 1375.00

Urea Kg. 45.00 26.00 1170.00

Potash Kg. 10.00 36.00 360.00 j. Plant Protection Chemical Rs. 2415.00 k. Management Cost Rs. 3500.00 l. Land Rent Rs. 12000.00 m. Interest on Variable Cost Rs. 5511.45

2. Fixed Cost Rs. 1400.00 a. Land Tax Rs. 470.00 b. Water Tax Rs. 250.00 c. Depreciation of Farm Equipment Rs. 300.00 d. Repair & Maintenance of Farm Equipment Rs. 380.00

3. Total Cost Rs. 85646.45

4. Gross Income Rs. 110529.90 a. Main Product Kg. 3015.00 35.40 106731.00 b. By-Product Kg. 3618.00 1.05 3798.90

5. Gross Profit at Farm Gate Rs. 24883.45

6. Cost Per Quintal Rs. 2714.68

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1447.20

2. Value at Market Kg. 2773.80 49.35 136887.03

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>
	Day
	Day
	Hour
3. <u>Net Profit Rs.</u>	53592.28

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Sunsari

Variety: Rampur 10

Particular

1. <u>Variable Cost</u>	108471.25	a. Human Labour	55.00	500.00	27500.00	b. Bullock Labour	0.00	750.00	0.00
		c. Tiller/Tractor Use	6.00	1900.00	11400.00	d. Pumpset Use	10.00	250.00	2500.00
		e. Thresher Use	5.00	950.00	4750.00	f. Sprayer Use	25.00	125.00	3125.00
		g. Seed	20.00	350.00	7000.00	h. Manure	6075.00	3.00	18225.00
		i. Fertilizer	Kg.						
		DAP	Kg.	30.00	50.00				1500.00
		Urea	Kg.	85.00	25.00				2125.00
		Potash	Kg.	20.00	35.00	700.00	j. Plant Protection Chemical	Rs.	3550.00
		Management Cost	Rs.	4000.00	i. Land Rent	Rs.	15000.00	m. <u>Interest on Variable Cost</u>	<u>Rs. 7096.25</u>
2. <u>Fixed Cost</u>	Rs. 1800.00	a. Land Tax	Rs.	550.00	b. Water Tax	Rs.	200.00	c. Depreciation of Farm Equipment	Rs. 400.00
		d. <u>Repair & Maintenance of Farm Equipment</u>	Rs.						<u>650.00</u>
3. <u>Total Cost</u>	Rs. 110271.25								
4. <u>Gross Income</u>	Rs. 133169.40	a. Main Product	Kg.	4065.00		31.50			128047.50
		b. By-Product	Kg.	4878.00					1.05 5121.90

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

	<u>Rs.</u>	
		Day
		Day
		Hour
5. <u>Gross Profit at Farm Gate</u>	<u>Rs.</u>	22898.15
6. <u>Cost Per Quintal</u>	<u>Rs.</u>	2586.70

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u>	<u>Rs.</u>	1951.20
2. <u>Value at Market</u>	<u>Kg.</u>	3739.80 40.60 151835.88
3. <u>Net Profit</u>	<u>Rs.</u>	44735.33

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Banke

Variety: Rampur-4

Particular

1. Variable Cost **107144.45**

a. Human Labour	58.00	490.00	28420.00	b. Bullock Labour	2.00	950.00	1900.00	c.
Tiller/Tractor Use	5.00	1950.00	9750.00	d. Pumpset Use	Hour 10.00	250.00	2500.00	e.
Thresher Use	Hour 5.00	850.00	4250.00	f. Sprayer Use	Hour 15.00	125.00	1875.00	g.
Seed	Kg. 23.00	300.00	6900.00	h. Manure	Kg. 6145.00	3.00	18435.00	i. Fertilizer
DAP				Kg.	25.00	50.00	1250.00	
Urea				Kg.	65.00	25.00	1625.00	
Potash	Kg. 20.00	36.00	720.00	j. Plant Protection Chemical	Rs. 3510.00			k.
Management Cost	Rs. 4000.00			l. Land Rent	Rs. 15000.00			m. <u>Interest on Variable Cost</u>
								<u>Rs. 7009.45</u>

2. Fixed Cost Rs. 1590.00 a. Land Tax Rs. 440.00 b. Water Tax Rs. 250.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 500.00

3. Total Cost Rs. 108734.45

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

		<u>Rs.</u>	
		Day	
		Day	
		Hour	
4. <u>Gross Income</u>	Rs. 147044.32	a. Main Product Kg. 4022.00	35.30 141976.60 b.
		By-Product Kg. 4826.40	1.05 5067.72

5. Gross Profit at Farm Gate Rs. 38309.87

6. Cost Per Quintal Rs. 2577.49

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1930.56

2. Value at Market Kg. 3700.24 50.40 186492.10

3. Net Profit Rs. 80894.81

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Dang

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day 475.00
Day
Hour

Variety: Rampur Composite

Particular

1. Variable Cost	100308.49	a. Human Labour	62.00	29450.00	b. Bullock Labour	2.00	
975.00	1950.00	c. Tiller/Tractor Use	5.00	1900.00	9500.00	d. Pumpset Use	Hour
15.00	250.00	3750.00	e. Thresher Use	Hour	5.00	950.00	4750.00
25.00	120.00	3000.00	g. Seed	Kg.	23.00	150.00	3450.00
13601.25		i. Fertilizer		Kg.			
		DAP		Kg.	40.00	50.00	2000.00
		Urea		Kg.	70.00	25.00	1750.00
		Potash	Kg.	15.00	35.00	525.00	j. Plant Protection Chemical
		Rs.	4000.00	4000.00	l. Land Rent	Rs.	12500.00
		6562.24			m. Interest on Variable Cost	Rs.	

2. Fixed Cost Rs. 1825.00 a. Land Tax Rs. 450.00 b. Water Tax Rs. 250.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 625.00

3. Total Cost Rs. 102133.49

4. Gross Income Rs. 140167.80

a. Main Product Kg. 3855.00 35.10 135310.50

b. By-Product Kg. 4626.00 1.05 4857.30

5. Gross Profit at Farm Gate Rs. 38034.31

6. Cost Per Quintal Rs. 2523.38

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1850.40

2. Value at Market Kg. 3546.60 51.15 181408.59

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

475.00

3. Net Profit Rs. 82282.00

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhanusa

Variety: Rampur-12

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 97789.44 a. Human Labour Day 61.00 28975.00 b. Bullock Labour Day 2.00 875.00 1750.00 c. Tiller/Tractor Use Hour 5.00 1950.00 9750.00 d. Pumpset Use Hour 15.00 250.00 3750.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 20.00 115.00 2300.00 g. Seed Kg. 21.00 150.00 3150.00 h. Manure Kg. 5588.00 2.75 15367.00 i. Fertilizer Kg.

DAP Kg. 35.00 50.00 1750.00

Urea Kg. 50.00 24.00 1200.00

Potash Kg. 25.00 36.00 900.00 j. Plant Protection Chemical Rs. 3500.00 k.

Management Cost Rs. 4000.00 l. Land Rent Rs. 10500.00 m. Interest on Variable Cost Rs. 6397.44

2. Fixed Cost Rs. 1525.00 a. Land Tax Rs. 480.00 b. Water Tax Rs. 250.00 c. Depreciation of Farm Equipment Rs. 300.00 d. Repair & Maintenance of Farm Equipment Rs. 495.00

3. Total Cost Rs. 99314.44

4. Gross Income Rs. 144907.00 a. Main Product Kg. 4075.00 34.30 139772.50 b. By-Product Kg. 4890.00 1.05 5134.50

5. Gross Profit at Farm Gate Rs. 45592.56

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

<u>Rs.</u>	
Day	475.00
Day	
Hour	

6. Cost Per Quintal Rs. 2311.16

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. <u>Marketing Cost</u> <u>Rs.</u>	1956.00
2. <u>Value at Market</u> <u>Kg.</u>	3749.00 45.45 170392.05
3. <u>Net Profit</u> <u>Rs.</u>	74256.11

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Kapilwastu

Variety: Rampur Composite

Particular

1. Variable Cost 104137.75

a. Human Labour 60.00 28500.00 b. Bullock Labour 2.00 825.00 1650.00 c. Tiller/Tractor Use 5.00 1950.00 9750.00 d. Pumpset Use Hour 10.00 250.00 2500.00 e. Thresher Use Hour 5.00 850.00 4250.00 f. Sprayer Use Hour 30.00 120.00 3600.00 g. Seed Kg. 22.00 120.00 2640.00 h. Manure Kg. 6090.00 3.00 18270.00 i. Fertilizer Kg.

DAP Kg. 25.00 50.00 1250.00

Urea Kg. 75.00 25.00 1875.00

Potash Kg. 15.00 36.00 540.00 j. Plant Protection Chemical Rs. 3500.00 k.

Management Cost Rs. 4000.00 l. Land Rent Rs. 15000.00 m. Interest on Variable Cost Rs. 6812.75

2. Fixed Cost Rs. 1350.00 a. Land Tax Rs. 400.00 b. Water Tax Rs. 250.00 c. Depreciation of Farm Equipment Rs. 300.00 d. Repair & Maintenance of Farm Equipment Rs. 400.00

3. Total Cost Rs. 105487.75

Crop: Maize

Year: 2024/2025

	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
				Condition: Irrigated
				475.00
4. <u>Gross Income</u> <u>Rs.</u> 146289.35	a. Main Product	Kg. 3985.00	35.45	141268.25 b.
	By-Product	Kg. 4782.00	1.05	5021.10

5. <u>Gross Profit at Farm Gate</u> <u>Rs.</u> 40801.60
6. <u>Cost Per Quintal</u> <u>Rs.</u> 2521.12
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>
1. <u>Marketing Cost</u> <u>Rs.</u> 1912.80
2. <u>Value at Market</u> <u>Kg.</u> 3666.20 50.50 185143.10
3. <u>Net Profit</u> <u>Rs.</u> 82763.65

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Udayapur

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Irrigated

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day
Day
Hour

Seed: Rampur-12

Particular

1. Variable Cost **108952.75**

a. Human Labour 62.00 500.00 31000.00 b. Bullock Labour 0.00 0.00 0.00 c. Tiller/Tractor Use 7.00 1950.00 13650.00 d. Pumpset Use Hour 12.00 250.00 3000.00 e. Thresher Use Hour 6.00 900.00 5400.00 f. Sprayer Use Hour 30.00 125.00 3750.00 g. Seed Kg. 22.00 140.00 3080.00 h. Manure Kg. 5090.00 3.00 15270.00 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 j. Plant Protection Chemical Rs. 3550.00 k.

Management Cost Rs. 4000.00 l. Land Rent Rs. 15000.00 m. Interest on Variable Cost Rs. 7127.75

2. Fixed Cost Rs. 1965.00 a. Land Tax Rs. 490.00 b. Water Tax Rs. 325.00 c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 650.00

3. Total Cost Rs. 110917.75

4. Gross Income Rs. 146437.20 a. Main Product Kg. 4095.00 34.50 141277.50 b. By-Product Kg. 4914.00 1.05 5159.70

5. Gross Profit at Farm Gate Rs. 35519.45

6. Cost Per Quintal Rs. 2582.61

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1965.60

2. Value at Market Kg. 3767.40 44.65 168214.41

3. Net Profit Rs. 60490.76

Year: 2024/2025

	<u>Unit</u>	<u>Quantity</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.

Day

Day

Hour

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Chitwan

Crop: Maize

Seed: Rampur-12

Particular

1. Variable Cost	112748.58	a. Human Labour	57.00	550.00	31350.00	b. Bullock Labour	0.00	0.00	0.00
		c. Tiller/Tractor Use	6.00	2000.00	12000.00	d. Pumpset Use	15.00	250.00	3750.00
		e. Thresher Use	5.00	850.00	4250.00	f. Sprayer Use	30.00	125.00	3750.00
		g. Seed	20.00	300.00	6000.00	h. Manure	5210.00	3.25	16932.50
		i. Fertilizer							
		DAP		Kg.	40.00	50.00			2000.00
		Urea		Kg.	75.00	25.00			1875.00
		Potash	25.00	35.00	875.00	j. Plant Protection Chemical	Rs.	3590.00	k.
		Management Cost	Rs.	4000.00	l. Land Rent	Rs.	15000.00	m. Interest on Variable Cost	Rs.
									<u>7376.08</u>

2. Fixed Cost	Rs. 2100.00	a. Land Tax	Rs.	550.00	b. Water Tax	Rs.	300.00	c. Depreciation of Farm Equipment	Rs.	500.00	d. Repair & Maintenance of Farm Equipment	Rs.	<u>750.00</u>
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3. Total Cost	Rs. 114848.58
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4. Gross Income	Rs. 141534.80	a. Main Product	Kg.	4180.00	32.60	136268.00	b. By-Product	Kg.	5016.00	1.05	5266.80
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5. Gross Profit at Farm Gate	Rs. 26686.23
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6. Cost Per Quintal	Rs. 2621.57
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B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost	Rs. 2006.40
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2. Value at Market	Kg. 3845.60	45.90	176513.04
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Crop: Maize

Year: 2024/2025

		<u>Unit</u>	<u>Quantity</u>		
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>					
		<u>Rs.</u>			
		Day			
		Day			
		Hour			
<u>Particular</u>				<u>Price</u>	<u>Value in Rs.</u>
<u>1. Variable Cost</u>					91915.14
a. Human Labour			61.00	480.00	29280.00
b. Bullock Labour			2.00	900.00	1800.00
c. Tiller/Tractor Use			4.00	1900.00	7600.00
d. Pumpset Use	Hour		8.00	250.00	2000.00
e. Thresher Use	Hour		5.00	500.00	2500.00
f. Sprayer Use	Hour		25.00	120.00	3000.00
g. Seed	Kg.		22.00	85.00	1870.00
h. Manure	Kg.		4084.00	3.00	12252.00
i. Fertilizer	Kg.	DAP Kg. Urea Kg. Potash Kg.			
j. Plant Protection Chemical	Rs.		35.00	50.00	1750.00
k. Management Cost	Rs.		75.00	22.00	1650.00
l. Land Rent	Rs.		20.00	35.00	700.00
m. <u>Interest on Variable Cost</u>	Rs.				2500.00
<u>2. Fixed Cost</u>					4000.00
a. Land Tax	Rs.				15000.00
b. Water Tax	Rs.				6013.14
c. Depreciation of Farm Equipment	Rs.				1595.00
d. <u>Repair & Maintenance of Farm Equipment</u>	Rs.				475.00
<u>3. Total Cost</u>	Rs.	<u>4. Gross Income</u>			250.00
a. Main Product	Kg.				370.00
b. By-Product	Kg.				500.00
<u>5. Gross Profit at Farm Gate</u>	Rs.	32633.86			93510.14
<u>6. Cost Per Quintal</u>	Rs.	2435.92			126144.00
			3650.00	33.30	121545.00
<u>B. MARKETING COST & MARGIN PER HECTARE</u>					
<u>PRODUCE</u>					
			4380.00	1.05	4599.00
<u>1. Marketing Cost</u>	Rs.	1752.00			
<u>2. Value at Market</u>	Kg.	3358.00	44.45	149263.10	

Crop: Maize

Year: 2024/2025

	<u>Unit</u>	<u>Quantity</u>	Variety: Manakamana
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Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost

Rs.

Day 60.00

Day

Hour

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dhading

-3

Value in Rs.

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 96214.40

a. Human Labour Day 475.00 28500.00 b. Bullock Labour Day 2.00 800.00 1600.00 c. Tiller/Tractor Use Hour 7.00 450.00 3150.00 d. Pumpset Use Hour 10.00 250.00 2500.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 35.00 120.00 4200.00 g. Seed Kg. 22.00 145.00 3190.00 h. Manure Kg. 6210.00 3.00 18630.00 i. Fertilizer Kg.

DAP	Kg.	25.00	55.00	1375.00
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Urea	Kg.	70.00	25.00	1750.00
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Potash Kg. 15.00 35.00 525.00 j. Plant Protection Chemical Rs. 4000.00 k. Management Cost Rs. 3500.00 l. Land Rent Rs. 12500.00 m. Interest on Variable Cost Rs. 6294.40

2. Fixed Cost Rs. 1460.00 a. Land Tax Rs. 460.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 600.00

3. Total Cost Rs. 97674.40

4. Gross Income Rs. 134539.35 a. Main Product Kg. 3685.00 35.25 129896.25 b. By-Product Kg. 4422.00 1.05 4643.10

Crop: Maize

Year: 2024/2025

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>
Variety: Manakamana			Condition: Rainfed

60.00

5. Gross Profit at Farm Gate Rs. 36864.95

6. Cost Per Quintal Rs. 2524.59

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1768.80

2. Value at Market Kg. 3390.20 50.20 170188.04

3. Net Profit Rs. 75387.94

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Baglung

-7

Condition: Rainfed

Price Value in Rs.

100430.20	a. Human Labour	480.00	28800.00	b. Bullock Labour	2.00	850.00
	1700.00 c. Tiller/Tractor Use	6.00	400.00	2400.00 d. Pumpset Use	Hour	
	18.00 250.00	4500.00	e. Thresher Use	Hour	6.00	850.00
	5100.00 f.					
	Sprayer Use	Hour	27.00	125.00	g. Seed	Kg. 22.00
						150.00
	3300.00					
	h. Manure	Kg. 6130.00	3.50	21455.00	i. Fertilizer	Kg.
	DAP			Kg. 35.00	55.00	1925.00
	Urea			Kg. 65.00	25.00	1625.00
	Potash	Kg. 20.00	35.00	700.00	j. Plant Protection Chemical	Rs. 3480.00
	Cost	Rs. 3500.00	i. Land Rent	Rs. 12000.00	m. <u>Interest on Variable Cost</u>	Rs. 6570.20

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	Variety: Manakamana
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Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost

<u>Rs.</u>	
Day	60.00
Day	
Hour	

2. Fixed Cost Rs. 1260.00 a. Land Tax Rs. 460.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 300.00 d. Repair & Maintenance of Farm Equipment Rs. 500.00

3. Total Cost Rs. 101690.20

4. Gross Income Rs. 131292.60 a. Main Product Kg. 3810.00 33.20 126492.00 b. By-Product Kg. 4572.00 1.05 4800.60

5. Gross Profit at Farm Gate Rs. 29602.40

6. Cost Per Quintal Rs. 2543.03

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1828.80

2. Value at Market Kg. 3505.20 42.15 147744.18

3. Net Profit Rs. 49025.78

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Gulmi

Crop: Maize

Year: 2024/2025

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>
Variety: Manakamana			Condition: Rainfed

-3

Value in Rs.

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 96984.80

a. Human Labour Day 62.00 475.00 29450.00 b. Bullock Labour Day 2.00 900.00 1800.00 c. Tiller/Tractor Use Hour 6.00 450.00 2700.00 d. Pumpset Use Hour 12.00 225.00 2700.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 30.00 125.00 3750.00 g. Seed Kg. 22.00 125.00 2750.00 h. Manure Kg. 6175.00 3.20 19760.00 i. Fertilizer Kg.

DAP Kg. 35.00 55.00 1925.00

Urea Kg. 65.00 25.00 1625.00

Potash Kg. 20.00 35.00 700.00 j. Plant Protection Chemical Rs. 3480.00 k. Management Cost Rs. 3500.00 l. Land Rent Rs. 12000.00 m. Interest on Variable Cost Rs. 6344.80

2. Fixed Cost Rs. 1395.00 a. Land Tax Rs. 490.00 b. Water Tax Rs. c. Depreciation of Farm Equipment Rs. 380.00 d. Repair & Maintenance of Farm Equipment Rs. 525.00

3. Total Cost Rs. 98379.80

4. Gross Income Rs. 128662.50 a. Main Product Kg. 3750.00 33.05 123937.50 b. By-Product Kg. 4500.00 1.05 4725.00

5. Gross Profit at Farm Gate Rs. 30282.70

6. Cost Per Quintal Rs. 2497.46

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1800.00

2. Value at Market Kg. 3450.00 42.15 145417.50

3. Net Profit Rs. 49962.70

Crop: Maize

Year: 2024/2025

Unit Quantity

Variety: Manakamana

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost

Rs.

Day

Day

Hour

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Jumla

-6

Condition: Rained

Price **Value in Rs.**

82151.93 a. Human Labour	64.00	450.00	28800.00	b. Bullock Labour	2.00
750.00	1500.00	c. Tiller/Tractor Use	6.00	400.00	2400.00
d. Pumpset	12.00	200.00	2400.00	e. Thresher Use	Hour 5.00
850.00	4250.00	f. Sprayer Use	Hour 25.00	100.00	2500.00
g. Seed	Kg. 25.00	150.00	3750.00	h. Manure	Kg. 4250.00
2.75	11687.50	i. Fertilizer	Kg.		
DAP	Kg.	25.00	55.00	1375.00	
Urea	Kg.	45.00	25.00	1125.00	
Potash	Kg. 15.00	36.00	540.00	j. Plant Protection Chemical	Rs. 2450.00
k. Management	Cost Rs. 4000.00	l. Land Rent	Rs. 10000.00	<u>m. Interest on Variable Cost</u>	<u>Rs. 5374.43</u>

2. Fixed Cost Rs. 1210.00 a. Land Tax Rs. 400.00 b. Water Tax Rs. c. Depreciation of Farm Equipment Rs. 330.00 d. Repair & Maintenance of Farm Equipment Rs. 480.00

3. Total Cost Rs. 83361.93

4. Gross Income Rs. 125525.40 a. Main Product Kg. 2717.00 45.00 122265.00 b. By-Product Kg. 3260.40 1.00 3260.40

5. Gross Profit at Farm Gate **Rs. 42163.48**

6. Cost Per Quintal **Rs. 2948.16**

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

Crop: Maize

Year: 2024/2025

Variety: Manakamana

Condition: Rainfed

Particular

Unit Quantity

Price

1. Marketing Cost	Rs.	1304.16		
2. Value at Market	Kg.	2499.64	75.00	187473.00
3. Net Profit	Rs.	106067.32		

**AVERAGE COST OF PRODUCTION & MARGIN PER
HECTARE**

DISTRICT: Taplejung

-4

Value in Rs.

1. Variable Cost	Rs.			89024.21
a. Human Labour	Day	60.00	460.00	27600.00
b. Bullock Labour	Day	3.00	1000.00	3000.00
c. Tiller/Tractor Use	Hour	5.00	500.00	2500.00
d. Pumpset Use	Hour	16.00	250.00	4000.00
e. Thresher Use	Hour	5.00	800.00	4000.00
f. Sprayer Use	Hour	30.00	130.00	3900.00
g. Seed	Kg.	25.00	160.00	4000.00
h. Manure	Kg.	3010.00	3.15	9481.50
i. Fertilizer	Kg.			
DAP	Kg.	25.00	50.00	1250.00
Urea	Kg.	55.00	25.00	1375.00
Potash	Kg.	15.00	35.00	525.00
j. Plant Protection Chemical	Rs.			3550.00
k. Management Cost	Rs.			4000.00
l. Land Rent	Rs.			15000.00
<u>m. Interest on Variable Cost</u>	<u>Rs.</u>	_____		<u>4842.71</u>
2. Fixed Cost	Rs.			1650.00
a. Land Tax	Rs.			550.00

Crop: Maize

Year: 2024/2025

	<u>Unit</u>	<u>Quantity</u>	Variety: Manakamana	
<u>Particular</u>				
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>				
<u>1. Variable Cost</u>	<u>Rs.</u>			
	Day			
	Day			
	Hour			
b. Water Tax	Rs.			
c. Depreciation of Farm Equipment	Rs.			500.00
d. Repair & Maintenance of Farm Equipment	Rs.			<u>600.00</u>
<u>3. Total Cost</u>	<u>Rs.</u>			90674.21
<u>4. Gross Income</u>	<u>Rs.</u>			129835.92
a. Main Product	Kg.	2967.00	42.50	126097.50
b. By-Product	Kg.	<u>3560.40</u>	<u>1.05</u>	<u>3738.42</u>
<u>5. Gross Profit at Farm Gate</u>	<u>Rs.</u>			39161.72
<u>6. Cost Per Quintal</u>	<u>Rs.</u>			2930.09
<u>B. MARKETING COST & MARGIN PER HECTARE PRODUCE</u>				
<u>1. Marketing Cost</u>	<u>Rs.</u>			1424.16
<u>2. Value at Market</u>	<u>Kg.</u>	2729.64	51.55	140712.94
<u>3. Net Profit</u>	<u>Rs.</u>			<u>52353.00</u>
<u>A. AVERAGE COST OF PRODUCTION PER HECTARE</u>				

Crop: Maize

Year: 2024/2025

Variety: Manakamana

Condition: Rainfed

Particular

Unit Quantity

Price

**AVERAGE COST OF PRODUCTION & MARGIN PER
HECTARE**

DISTRICT: Jajarkot

Crop: Maize

Year: 2024/2025

Variety: Manakamana Condition: Rainfed **Particular Unit Quantity Price Value in Rs.**

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day
Day
Hour

-5

1. Variable Cost 82331.15

a. Human Labour 61.00 450.00 27450.00 b. Bullock Labour 3.00 850.00 2550.00 c. Tiller/Tractor Use 5.00 400.00 2000.00 d. Pumpset Use Hour 10.00 225.00 2250.00 e. Thresher Use Hour 5.00 800.00 4000.00 f. Sprayer Use Hour 30.00 120.00 3600.00 g. Seed Kg. 24.00 125.00 3000.00 h. Manure Kg. 4190.00 3.00 12570.00 i. Fertilizer Kg.

DAP	Kg.	30.00	55.00	1650.00
Urea	Kg.	55.00	25.00	1375.00

Potash Kg. 0.00 j. Plant Protection Chemical Rs. 3000.00 k. Management Cost Rs. 3500.00
l. Land Rent Rs. 10000.00 m. Interest on Variable Cost Rs. 5386.15

2. Fixed Cost Rs. 1375.00 a. Land Tax Rs. 425.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 550.00

3. Total Cost Rs. 83706.15

4. Gross Income Rs. 101633.35

a. Main Product Kg. 3185.00 30.65 97620.25 b. By-Product Kg. 3822.00 1.05 4013.10

5. Gross Profit at Farm Gate Rs. 17927.20

6. Cost Per Quintal Rs. 2502.14

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1528.80

2. Value at Market Kg. 2930.20 49.75 145777.45

3. Net Profit Rs. 64555.60

**AVERAGE COST OF PRODUCTION & MARGIN
PER HECTARE**

DISTRICT: Doti

Crop: Maize

Year: 2024/2025

Variety: Manakamana Condition: Rainfed **Particular Unit Quantity Price Value in Rs.**

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.
Day
Day
Hour

-3

1. Variable Cost 84786.80

a. Human Labour 58.00 450.00 26100.00 b. Bullock Labour 3.00 825.00 2475.00 c. Tiller/Tractor Use 5.00 400.00 2000.00 d. Pumpset Use Hour 0.00 0.00 0.00 e. Thresher Use Hour 5.00 800.00 4000.00 f. Sprayer Use Hour 30.00 130.00 3900.00 g. Seed Kg. 25.00 125.00 3125.00 h. Manure Kg. 5210.00 3.00 15630.00 i. Fertilizer Kg.

DAP	Kg.	30.00	55.00	1650.00
Urea	Kg.	60.00	25.00	1500.00

Potash Kg. 10.00 36.00 360.00 j. Plant Protection Chemical Rs. 3000.00 k. Management Cost Rs. 3500.00 l. Land Rent Rs. 12000.00 m. Interest on Variable Cost Rs. 5546.80

2. Fixed Cost Rs. 1235.00 a. Land Tax Rs. 425.00 b. Water Tax Rs. c. Depreciation of Farm Equipment Rs. 350.00 d. Repair & Maintenance of Farm Equipment Rs. 460.00

3. Total Cost Rs. 86021.80

4. Gross Income Rs. 108333.40 a. Main Product Kg. 3122.00 33.50 104587.00 b. By-Product Kg. 3746.40 1.00 3746.40

5. Gross Profit at Farm Gate Rs. 22311.60

6. Cost Per Quintal Rs. 2635.34

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1498.56

2. Value at Market Kg. 2872.24 42.65 122501.04

3. Net Profit Rs. 38727.08

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dolakha

Crop: Maize

Year: 2024/2025

Variety: Manakamana Condition: Rainfed **Particular Unit Quantity Price Value in Rs.**

A. AVERAGE COST OF PRODUCTION PER HECTARE

Rs.

Day

Day

Hour

DISTRICT: Makwanpur

Crop: Maize

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Rainfed

Rs.

Day

Day

Hour

Seed: Okhale 1

Particular

A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 80841.13 a. Human Labour 65.00 475.00 30875.00 b. Bullock Labour 2.00 950.00 1900.00 c. Tiller/Tractor Use 5.00 400.00 2000.00 d. Pumpset Use Hour 0.00 e. Thresher Use Hour 6.00 800.00 4800.00 f. Sprayer Use Hour 0.00 g. Seed Kg. 11.00 175.00 1925.00 h. Manure Kg. 5450.00 3.25 17712.50 i. Fertilizer Kg.

DAP Kg. 0.00 0.00

Urea Kg. 50.00 22.00 1100.00

Potash Kg. 15.00 35.00 525.00 j. Plant Protection Chemical Rs. 0.00 k. Management Cost Rs. 3500.00 l. Land Lease value Rs. 12000.00 m. Interest on Variable Cost Rs. 4503.63

2. Fixed Cost Rs. 1350.00 a. Land Tax Rs. 400.00 b. Water Tax Rs. c. Depreciation of Farm Equipment Rs. 500.00 d. Repair & Maintenance of Farm Equipment Rs. 450.00

3. Total Cost Rs. 82191.13

4. Gross Income Rs. 136603.50 a. Main Product Kg. 2435.00 55.00 133925.00 b. By-Product Kg. 2678.50 1.00 2678.50

5. Gross Profit at Farm Gate Rs. 54412.38

6. Cost Per Quintal Rs. 3265.41

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1168.80

2. Value at Market Kg. 2240.20 90.00 201618.00

3. Net Profit Rs. 120936.58

Crop: Millet

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Rainfed

Rs.

Day

Day

Hour

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Dolakha

Variety: Shailung 1

Particular

1. Variable Cost

77289.63

a. Human Labour 62.00 480.00 29760.00 b. Bullock Labour 2.00 900.00 1800.00 c. Tiller/Tractor Use 6.00 450.00 2700.00 d. Pumpset Use Hour 0.00 e. Thresher Use Hour 5.00 900.00 4500.00 f. Sprayer Use Hour 0.00 g. Seed Kg. 12.00 155.00 1860.00 h. Manure Kg. 4550.00 3.25 14787.50 i. Fertilizer Kg.

DAP	Kg.	36.00	55.00	1980.00
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Urea	Kg.	60.00	25.00	1500.00
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Potash Kg. 0.00 j. Plant Protection Chemical Rs. 500.00 k. Management Cost Rs. 3500.00 l. Land Lease value Rs. 10000.00 m. Interest on Variable Cost Rs. 4402.13

2. Fixed Cost Rs. 1150.00 a. Land Tax Rs. 450.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 400.00 d. Repair & Maintenance of Farm Equipment Rs. 300.00

3. Total Cost Rs. 78439.63

4. Gross Income Rs. 139640.88 a. Main Product Kg. 2255.00 60.00 135300.00 b. By-Product Kg. 2480.50 1.75 4340.88

5. Gross Profit at Farm Gate Rs. 61201.25

6. Cost Per Quintal Rs. 3285.98

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1082.40

Crop: Millet

Year: 2024/2025

<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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Condition: Rainfed

Rs.

Day

Day

Hour

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

<u>1. Marketing Cost</u>	<u>Rs.</u>	1178.40		
<u>2. Value at Market</u>	<u>Kg.</u>	2258.60	100.00	225860.00
<u>3. Net Profit</u>	<u>Rs.</u>	151889.30		

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Rukum East

Crop: Millet

Year: 2024/2025

Variety: Dalle 1

Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

1. Variable Cost Rs. 77350.30

a. Human Labour Day 65.00 475.00 30875.00 b. Bullock Labour Day 2.00 875.00 1750.00 c. Tiller/Tractor Use Hour 5.00 400.00 2000.00 d. Pumpset Use Hour 0.00 e. Thresher Use Hour 6.00 750.00 4500.00 f. Sprayer Use Hour 0.00 g. Seed Kg. 15.00 145.00 2175.00 h. Manure Kg. 4480.00 3.00 13440.00 i. Fertilizer Kg.

DAP	Kg.	40.00	55.00	2200.00
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Urea	Kg.	50.00	25.00	1250.00
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Potash Kg. 0.00 j. Plant Protection Chemical Rs. 600.00 k. Management Cost Rs. 3500.00 l. Land Lease value Rs. 10000.00 m. Interest on Variable Cost Rs. 5060.30

2. Fixed Cost Rs. 1240.00 a. Land Tax Rs. 490.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 300.00 d. Repair & Maintenance of Farm Equipment Rs. 450.00

3. Total Cost Rs. 78590.30

4. Gross Income Rs. 155342.00 a. Main Product Kg. 2530.00 60.30 152559.00 b. By-Product Kg. 2783.00 1.00 2783.00

5. Gross Profit at Farm Gate Rs. 76751.70

6. Cost Per Quintal Rs. 2996.34

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1214.40

2. Value at Market Kg. 2327.60 74.45 173289.82

3. Net Profit Rs. 96268.12

AVERAGE COST OF PRODUCTION & MARGIN PER HECTARE

DISTRICT: Gulmi

Variety: Okhale 1

Condition: Rainfed

<u>Particular</u>	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Value in Rs.</u>
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A. AVERAGE COST OF PRODUCTION PER HECTARE

Crop: Millet

Year: 2024/2025

1. Variable Cost Rs. 77432.42 a. Human Labour Day 64.00 450.00 28800.00 b. Bullock Labour Day 2.00 850.00 1700.00 c. Tiller/Tractor Use Hour 6.00 450.00 2700.00 d. Pumpset Use Hour 0.00 e. Thresher Use Hour 6.00 800.00 4800.00 f. Sprayer Use Hour 0.00 g. Seed Kg. 12.00 150.00 1800.00 h. Manure Kg. 4545.00 3.15 14316.75

i. Fertilizer Kg.

DAP	Kg.	40.00	55.00	2200.00
Urea	Kg.	60.00	25.00	1500.00

Potash Kg. 0.00 j. Plant Protection Chemical Rs. 550.00 k. Management Cost Rs. 4000.00
 l. Land Lease value Rs. 10000.00 m. Interest on Variable Cost Rs. 5065.67

2. Fixed Cost Rs. 1175.00 a. Land Tax Rs. 475.00 b. Water Tax Rs. 0.00 c. Depreciation of Farm Equipment Rs. 300.00 d. Repair & Maintenance of Farm Equipment Rs. 400.00

3. Total Cost Rs. 78607.42

4. Gross Income Rs. 154308.00 a. Main Product Kg. 2505.00 60.50 151552.50 b. By-Product Kg. 2755.50 1.00 2755.50

5. Gross Profit at Farm Gate Rs. 75700.58

6. Cost Per Quintal Rs. 3028.02

B. MARKETING COST & MARGIN PER HECTARE PRODUCE

1. Marketing Cost Rs. 1202.40

2. Value at Market Kg. 2304.60 94.75 218360.85

3. Net Profit Rs. 141306.53