

Study on Abstract of Cultivation Register

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Concept

Abstract of a cultivation register is a summary of a cultivation register and it contains the different heads of expenditure such as laborers, seeds, fertilizers & along with the production obtained mentioning the values of it as per prevailing market price.

Objectives

1. Abstract of a cultivation register gives an idea on the performances of a crop in a land.
2. It gives an idea on item wise cost as well as total cost involved in cultivation of a crop.
3. It helps to commit on to change any item of crop production for better performance of a crop in a farm.
4. It helps to drop out a crop from the cultivation or to increase the area under a crop for the cultivation in a farm.

Exercise No. 01:

Prepare a proforma of an abstract of cultivation register with the cultivation of Sunflower in an area of 1 hectare of land of plot no. 5, Block- A in SAU farm.

- Field reference: SAU farm
- Nature of experiment: General cultivation
- Crop grown: sunflower
- Area cropped: 1 ha
- No. of plot: Plot no.- 5, Block- C

Manures and fertilizers:

Cowdung 5000 kg @ 1.00 Tk/kg	= 5000 Tk
Urea 300 kg @ 20 Tk/kg	= 6000 Tk
TSP 200 kg @ 22Tk/kg	= 4400 Tk
MoP 200 kg @ 15 Tk/kg	= 3000 Tk
Total	= 18,400 Tk

Seed used: 15 kg @ 75 Tk/kg	= 1125 Tk
Cost of manures and fertilizers	= 15,400 Tk
Cost of laborer (119)	= 59,500 Tk
Cost of bullock (32 pair)	= 16,000 Tk
Miscellaneous cost	= 1,200 Tk

Total cost of production = 96,225 Tk

Per hectare yield: 2000 – 3000 kg
 Actual yield: 2500 kg

Product: 2500 kg @ 50 Tk/kg	= 1,25,000 Tk
Byproduct: 4500 kg @ 3 Tk/kg	= 13,500 Tk
Total value	= 1,38,500 Tk

Profit or loss = (Value – Total cost of production) Tk
 = (1,38,500 – 96,225) Tk
 = 42275 Tk



Exercise No. 02:

Prepare a proforma of an abstract of cultivation register with the cultivation of mungbean in an area of 1 hectare of land. Plot no. 7, block – C in SAU farm.

- Field reference: SAU farm
- Nature of experiment: Demonstration
- Crop grown: Mungbean
- Area cropped: 1 ha
- No. of plot: Plot no.- 7, Block- C

Manures and fertilizers:

Cowdung 5000 kg @ 1.00 Tk/kg	= 5,000 Tk
Urea 20 kg @ 20 Tk/kg	= 400 Tk
TSP 40 kg @ 22Tk/kg	= 880 Tk
MOP 30 kg @ 15 Tk/kg	= 450 Tk
Total	= 6,730 Tk

Seed used: 25 kg @ 100 Tk/kg	= 2,500 Tk
Cost of manures and fertilizers	= 6,730 Tk
Cost of seed	= 5,000 Tk
Cost of laborer	= 57,500 Tk
Cost of bullock (29 pair)	= 14,500 Tk

Total cost of production = 87,730 Tk

Per hectare yield: 1000 – 1200 kg
Actual yield: 1200 kg

Production: 1200 kg @ 100 Tk/kg	= 1,20,000 Tk
Byproduct: 3000 kg @ 2.5 Tk/kg	= 7,500 Tk
Total value	= 1,27,500 Tk

Profit or loss = (Value – Total cost of production) Tk
= (1,27,500 – 83,730) Tk
= 43,770 Tk

