

Study on Cropping Scheme

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Concept

Cropping scheme is a statement prepared in advance of cropping, and it contains the item-wise estimated cost of different crops in different farm plots. It also contains the expected outcome against each plot of different crops with their value in the expected market price.

Objectives

- Cropping scheme helps mainly to manage a farm to produce crops efficiently and economically following the cropping pattern.
- It helps to estimate the capital and inputs to be required for crop production taking ideas from previous crops.
- It helps in the timely application of inputs and different operations.

Exercise:

Prepare a cropping scheme for Rabi season 2023, in plot no. 5 and 10 of Block – A covering an area of 1 ha of the land of SAU farm.



Farm: Sher-e-Bangla Agricultural University
 Sher-e-Bangla Nagar, Dhaka-1207
 Season: Rabi, 2023

Proforma of Cropping Scheme

Sl. No.	Block No.	Plot No.	Area (ha)	Name of the crops grown in the previous 4 years								Preceding year crops			Cost involved						Proposed crops		Cost involved					Products (Tk)	Byproduct (Tk)	Remarks*		
				2019		2020		2021		2022		Name of crops	Value (Tk)		Laborer	Bullock pair	Seed (Tk)	Manures & fertilizers (Tk)	Miscellaneous (Tk)	Total cost (Tk)	Experimental/ Non-experimental	Name of the crop	Laborer	Bullock pair	Seed (Tk)	Manures & fertilizers (Tk)	Miscellaneous (Tk)				Total cost (Tk)	
				Rabi	Kharif	Rabi	Kharif	Rabi	Kharif	Rabi	Kharif		Products	By products																		Total value
1	A	5	1	Boro	B. Aus, B. Aman	Lentil	B. Aus, B. Aman	Cabbage	B. Aus, B. Aman	Boro	B. Aus, B. Aman							Non-experimental	Lentil	30000	5000	6000	7,000	5000	53,000	1,70,000	4,000					
2	A	10	1	Lentil	Groundnut	Boro	T. Aman	Boro	Maize	Mustard	Jute																					

*Proposed crop lentil gives 69,500 Tk more than the existing crop (boro rice). So, farmers can grow lentil in place of boro for more return.

