

Estimates of Boro Rice (Husked), 2016-2017

Introduction

Boro is the most important and single largest crop in Bangladesh in respect of volume of production. It has been persistently contributing to higher rice production in last successive years. The weather condition for boro cultivation was favourable in the growing stage of this year. But due to flash flood in some northern and north-east districts, (boro) crop under 296701 hector of land was fully damaged for 2016-17. In a subjective manner, farmers were interviewed on some points relating to management system of seed, fertilizer and rural electricity supply. They opined that proper management and timely distribution of seed, fertilizer and stable supply of electricity led to higher yield of boro this year.

Area

Total area under boro crop has been estimated 1,11,06,337 acres (44,75,876 hectares) in this year as compared to 1,17,99,512 acres (47,72,576 hectares) of the last year. The harvested area has decreased by 6.217% this year. Comparative area estimates are shown below:

Estimates of Total Area by Type of Boro Crop

Variety	2015-16		2016-17		Percentage changes over previous year
	Area (in acre)	Area (in hectare)	Area (in acre)	Area (in hectare)	
Local Boro	1,16,883	47,300	84,137	34,048	(-) 28.016%
HYVBoro	99,91,968	4,043,531	92,68,392	37,50,715	(-) 7.242%
Hybrid Boro	16,84,661	6,81,745	17,07,808	6,91,112	(+) 1.374%
Total Boro	1,17,93,512	4772576	11060337	44,75,876	(-) 6.217%

(Contd.)

Yield Rate

Average yield rate of boro in Financial Year 2016-17 has been estimated 4.025 metric tons husked rice per hectare which was 3.968 metric tons per hectare in 2016-17. Comparison of estimated yield rates of boro is shown below:

Estimates of Yield Rate by Types of Boro Crop

Variety	2015-16		2016-17		Percentage changes over previous year
	Yield per acre (Maunds)	Yield per hectare (M.Ton)	Yield per acre (Maunds)	Yield per hectare (M.Ton)	
Local Boro	20.48	1.889	20.99	1.937	(+) 2.541%
HYV Boro	41.85	3.86	42.42	3.913	(+) 1.373%
Hybrid Boro	51.51	4.751	51.34	4.736	(-) 0.316%
Total Boro	43.02	3.968	43.63	4.025	(+) 1.436%

Note: Above "Total" figures are weighted figures.

Production


Total boro production of Financial Year 2016-17 has been estimated 1,80,13,749 metric tons compared to 1,89,37,581 metric tons of Financial Year 2016-17 which is 4.878% lower. Comparative estimates of boro production are shown below:

Estimates of Production by Type of Boro (Husked) Crop

Variety	2015-16	2016-17	Percentage change over previous year
	Production (M.tons)	Production (M.tons)	
Local Boro	89,341	65,936	(-) 26.197%
HYV Boro	1,56,09,325	1,46,74,722	(-) 5.987%
Hybrid Boro	32,38,915	32,73,091	(+) 1.055%
Total Boro	1,89,37,581	1,80,13,749	(-) 4.878%

Note: Total figures are rounded off.

Estimates of area, yield rate and production by district and division are given in table (1-4) appended.


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