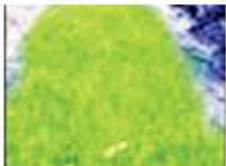








Crop Weather Calendar of Boro Rice: Barisal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola) Bangladesh

Region: Barisal	Boro Rice																			Duration: 150-155 days			
Months	November			December				January				February				March				April			
Std.Week/Normal	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Rainfall (mm)	9.0	6.0	7.0	1.7	4.0	1.3	0.7	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7	25.0
Max. Temp. (°C)	29.6	29.3	28.3	27.8	27.0	26.2	25.7	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7	33.5
Min. Temp. (°C)	19.6	18.4	16.7	15.6	14.9	14.0	13.1	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0	24.6
Mean Temp. (°C)	24.8	23.9	22.5	21.7	21.0	20.1	19.4	18.9	18.9	19.2	19.4	20.5	21.2	22.5	23.3	24.5	25.6	26.6	27.6	27.9	28.5	28.8	29.1
RHmax (%)	97.8	97.8	97.8	98.0	97.9	98.2	98.2	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4	96.0
RHMin (%)	56.6	53.7	51.8	50.6	50.9	50.7	50.3	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.8	61.9
RHmean (%)	77.2	75.8	74.8	74.3	74.4	74.4	74.3	74.1	73.6	73.1	71.4	71.7	70.9	71.6	71.0	70.8	71.2	71.0	73.6	75.4	77.3	78.1	78.9
SShr (hrs)	49.0	50.0	51.3	48.7	46.3	44.3	43.7	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3	54.7
WD (deg)	232	217	212	225	223	212	212	209	211	204	216	217	211	214	211	214	226	218	210	198	200	198	197
WS(Km/hr)	2.7	3.3	3.6	3.1	3.4	3.3	3.9	4.5	4.4	4.5	4.3	5.0	4.6	4.9	4.9	5.1	5.2	5.4	6.3	6.7	6.9	7.0	7.5
																							
	Seedbed			Transplanting				Tillering				Heading		Flowering	Grain filling		Maturity to Harvesting						
Favourable Weather Conditions																							
Temperature	At least 10° C for germination																		22-25°C		23-27°C		
Light Intensity															≤200% of normal								
Relative Humidity															High								
Soil Temperature															Above 16°C								
Normal phase wise water requirement (mm)	76							120						190		145		100					
Congenial Weather Condition for Pests & Diseases																							
Bacterial Leaf Blight	Temperature 28-30°C, Relative Humidity 80-90%, Cloudiness, Rainfall >30mm																						
Sheath Blight	Temperature 28-32°C high Relative Humidity, Cloudy weather																						
Blast	Night temperature 16-20°C, for 7.30 hours day temperature 25-30°C, for 7.30 hours day night temperature >10°C Relative Humidity >90%, Cloudy																						
Weather Warning																							
Rain	>50 mm/day							>100 mm/day							>50 mm/day								
Duration of wet spell	>25 mm for 3 days							>50 mm for 4 days							20 mm for 4 days								
Cloudy weather								Cloudy weather							Cloudy weather								
High wind	>50 km/hr							>40 km/hr							>30 km/hr								
Temperature	Minimum Temperature <10 °C							Minimum Temperature <10 °C							Minimum Temperature <10 °C								