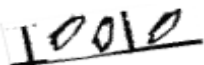







Crop Weather Calendar of Boro Rice: Barisal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola) Bangladesh

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															23-25°C		25-27°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 10 hours day temperature 25-30°C, for 10 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											