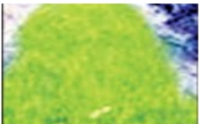








Crop Weather Calendar of Boro Rice: Barishal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola) **Bangladesh**

Region: Barishal	Boro Rice																			Duration: 150-155 days			
	November			December				January				February				March				April			
	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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						
Favorable 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 >30 mm																						
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										