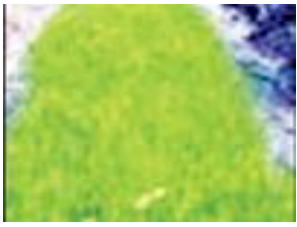







Crop Weather Calendar of Boro Rice: Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh

Region: Chattogram	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)	14.3	9.0	11.7	1.0	4.0	2.3	2.0	0.3	0.7	0.7	1.3	2.0	1.3	2.3	8.3	4.7	5.3	6.3	13.3	21.3	21.3	27.0	34.3
Max. Temp. (°C)	30.5	29.9	29.0	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	32.1	32.6	32.7
Min. Temp. (°C)	20.2	19.2	18.0	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	23.5	24.0	24.4
Mean Temp. (°C)	25.3	24.6	23.5	22.8	22.1	21.1	20.8	20.3	20.0	20.4	20.5	21.3	22.2	23.1	23.7	24.7	25.5	26.3	26.9	27.2	27.8	28.3	28.6
RHmax (%)	94.4	94.1	94.5	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	93.3	92.9	93.6
RHMin (%)	55.4	52.0	50.8	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	60.1	60.5	61.6
RHmean (%)	74.9	73.1	72.6	71.9	72.1	72.3	71.6	71.0	70.1	68.9	67.0	67.3	65.9	66.8	67.5	67.8	68.8	69.4	73.5	75.6	76.7	76.7	77.1
SShr (hrs)	55.5	56.5	55.5	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	56.0	56.0	54.8
WD (deg)	199	203	196	204	196	199	207	200	193	203	203	201	203	208	214	221	215	223	218	207	209	205	205
WS(Km/hr)	5.6	6.1	5.9	5.1	5.7	5.8	6.2	6.6	6.9	6.8	7.0	7.1	7.3	7.7	7.9	8.6	8.7	8.9	9.4	9.7	10.0	11.1	10.6
																							
	Seedbed			Transplanting				Tillering				Heading	Flowering	Grain filling	Maturity to Harvesting								

Favorable Weather Conditions						
Temperature	At least 10° C for germination					22-25° 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 8.30 hours day temperature 25-30° C, for 8.30 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