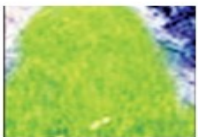








Crop Weather Calendar of Boro Rice: Cumilla Region (Districts: Cumilla, Chandpur, Bramanbaria) Bangladesh

Region: Cumilla	Boro Rice																				Duration: 150-155 days			
	October			November				December				January				February					March			
	Months	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12
Std.Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	
Rainfall (mm)	30.5	16.0	11.5	18.0	8.5	4.0	2.5	0.0	4.5	1.0	1.5	0.0	0.0	0.0	1.5	3.0	3.0	6.0	7.5	4.5	7.0	9.0	19.0	
Max. Temp. (°C)	31.8	31.2	31.0	30.5	29.8	29.0	28.2	27.7	26.5	25.8	25.4	24.7	24.5	25.0	25.4	16.2	27.3	28.1	29.1	29.8	30.9	32.0	32.2	
Min. Temp. (°C)	24.3	22.8	21.8	21.0	19.3	18.1	16.9	15.8	15.0	14.2	13.4	13.0	12.7	12.7	12.6	14.2	14.5	16.2	16.7	18.1	19.2	19.9	21.5	
Mean Temp. (°C)	28.0	27.0	26.4	25.7	24.6	23.5	22.5	21.7	20.8	20.0	19.4	18.8	18.6	18.9	19.0	20.2	20.9	22.1	22.9	23.9	25.0	25.9	26.8	
RHmax (%)	95.5	95.2	95.3	95.6	95.3	95.4	95.8	95.8	96.2	96.0	96.0	96.0	95.5	95.3	94.4	94.6	94.4	93.9	94.1	93.9	93.9	93.5	93.7	
RHMin (%)	65.8	61.9	60.6	58.2	54.8	52.6	52.2	50.6	51.9	52.1	51.3	51.8	51.2	49.1	46.4	47.7	45.2	46.8	46.1	46.8	47.4	47.7	52.6	
RHmean (%)	80.6	78.5	77.9	76.9	75.0	74.0	74.0	73.2	74.1	74.1	73.6	73.9	73.4	72.2	70.4	71.1	69.8	70.3	70.1	70.3	70.6	70.6	73.1	
SShr (hrs)	44.5	50.5	47.0	49.5	50.0	50.5	48.5	47.5	42.5	40.5	40.0	40.0	37.0	43.5	47.0	47.0	50.0	49.5	50.5	52.5	52.5	52.5	51.0	
WD (deg)	201	187	202	183	184	190	195	206	192	211	213	205	209	218	212	203	214	206	214	215	216	211	199	
WS(Km/hr)	4.3	4.0	3.5	3.7	3.7	3.5	3.3	3.3	4.0	3.5	3.8	4.0	4.2	4.6	4.4	4.6	4.6	4.6	4.6	4.6	4.8	5.5	5.6	
																								
	Seedbed			Transplanting				Tillering					Heading		Flow ering	Grain filling		Maturity to Harvesting						
Favourable Weather Conditions																								
Temperature	At least 10 ^o C for germination																22-25° C		23-27° C					
Light Intensity												≤200% of normal												
Relative Humidity												High												
Soil Temperature												Above 16 ^o 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 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											