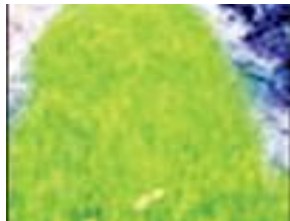








Crop Weather Calendar of Boro Rice: Faridpur Region (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj) Bangladesh

Region: Faripur	Boro Rice																			Duration: 150-155 days			
Months	October			November				December				January			February				March				
Std.Week/Normal	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11
Rainfall (mm)	44.0	43.0	20.5	11.5	11.0	8.0	3.0	4.5	0.5	3.5	0.5	2.0	0.5	0.5	0.5	1.5	3.5	5.5	5.0	7.5	5.0	6.5	7.0
Max. Temp. (°C)	32.4	32.0	31.5	30.9	30.4	29.7	29.2	28.0	27.5	26.5	25.5	25.1	24.3	24.4	24.8	25.4	26.5	27.4	28.5	29.5	30.7	31.8	32.9
Min. Temp. (°C)	25.0	24.0	22.6	22.0	20.7	19.1	18.2	16.4	15.2	14.7	13.7	12.9	12.2	12.0	12.1	12.1	13.1	13.9	15.5	16.0	17.3	18.5	19.5
Mean Temp. (°C)	28.7	28.0	27.1	26.4	25.5	24.4	23.7	22.2	21.3	20.6	19.6	19.0	18.3	18.2	18.4	18.7	19.8	20.7	22.0	22.7	24.0	25.1	26.2
RHmax (%)	95.9	95.7	95.1	95.2	95.4	95.5	95.8	95.6	95.6	96.1	96.2	96.0	95.7	95.4	95.5	95.2	94.7	94.7	64.1	93.8	93.4	92.7	92.4
RHMin (%)	66.2	63.0	58.6	57.6	55.5	53.2	51.2	49.9	50.5	51.4	51.3	51.0	52.2	50.9	48.9	46.3	46.2	43.3	43.3	41.5	39.5	38.8	38.4
RHmean (%)	81.0	79.3	76.8	76.4	75.4	74.3	73.5	72.7	73.0	73.7	73.7	73.5	73.9	73.1	72.2	70.7	70.4	69.0	68.7	67.7	66.4	65.7	65.4
SShr (hrs)	43.0	46.0	49.5	48.5	51.0	49.5	50.5	51.0	47.0	44.5	40.5	43.0	41.5	39.5	44.5	50.0	49.0	52.0	52.0	53.0	54.5	53.0	54.5
WD (deg)	220	208	213	202	189	202	201	199	201	197	196	183	191	191	210	204	205	203	214	217	222	230	230
WS(Km/hr)	3.1	2.9	3.1	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.1	3.4	3.6	3.3	3.4	3.4	3.1	4.0	4.3	4.5	4.5	4.5
																							
	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