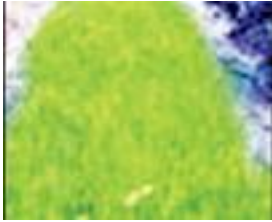







Crop Weather Calendar of Boro Rice: Khulna Region (Districts: Khulna, Satkhira, Bagerhat and Narail) Bangladesh

Region: Khulna	Boro Rice																		Duration: 150-155 days				
Months	January			February				March				April				May				June			
Std.Week/Normal	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rainfall (mm)	0.0	3.5	5.5	6.5	5.0	13.5	6.5	2.5	6.5	13.5	16.0	12.5	12.5	17.5	25.0	31.5	32.5	37.0	47.5	50.0	52.0	77.5	79.0
Max. Temp. (°C)	25.8	26.2	27.0	27.7	29.0	30.1	31.0	32.4	33.4	34.1	34.0	35.0	35.2	35.2	35.2	35.1	35.2	35.3	35.1	35.0	34.7	33.4	32.7
Min. Temp. (°C)	12.7	12.4	13.9	14.5	16.2	17.0	18.1	19.4	20.4	22.0	22.7	24.0	24.3	24.9	25.0	25.0	25.3	25.8	26.0	26.4	26.8	26.2	26.3
Mean Temp. (°C)	19.2	19.3	20.4	21.1	22.6	23.6	24.5	25.9	26.9	28.1	28.4	29.5	29.8	30.1	30.1	30.0	30.2	30.6	30.5	30.7	30.7	29.8	29.5
RHmax (%)	94.9	94.9	95.1	94.5	94.3	94.3	93.7	93.7	93.5	94.5	94.1	94.3	93.7	93.3	93.2	93.0	93.1	93.4	93.7	93.9	94.2	95.1	95.7
RHMin (%)	46.8	44.3	44.9	43.4	43.9	41.8	40.7	40.7	40.2	44.2	47.3	48.8	49.2	52.4	53.7	55.3	57.4	57.9	60.7	62.0	64.9	70.2	73.3
RHmean (%)	70.8	69.6	70.0	69.0	69.1	68.0	67.2	67.2	66.8	69.3	70.7	71.5	71.4	72.8	73.4	74.1	75.2	75.7	77.2	77.9	79.5	82.6	84.5
SShr (hrs)	49.5	53.0	52.5	53.5	55.5	55.5	57.5	57.5	59.0	57.0	56.5	59.0	60.0	61.5	58.0	59.5	56.5	55.0	47.0	50.0	41.5	29.5	23.5
WD (deg)	198	198	190	193	209	218	222	227	233	204	203	202	196	192	186	186	183	177	180	184	178	170	175
WS(Km/hr)	4.3	4.6	4.9	5.0	4.8	5.0	4.9	5.2	5.6	6.3	7.2	7.1	7.6	7.6	8.0	7.5	7.5	7.1	7.2	7.3	6.7	6.8	6.8
																							
	Seedbed			Transplanting				Tillering				Heading		Flow ering		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 >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	