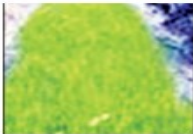








Crop Weather Calendar of Boro Rice: Khulna Region (Districts: Khulna, Satkhira, Bagerhat and Narail) Bangladesh

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		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 >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											