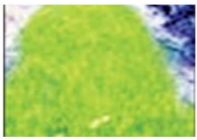








Crop Weather Calendar of Boro Rice: Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchaghar) Bangladesh

Region: Dinajpur	Boro Rice																				Duration: 150-155 days				
	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)	0.0	0.0	0.0	0.0	3.0	0.0	4.0	2.0	2.0	3.0	2.0	1.0	2.0	3.0	1.0	1.0	1.0	4.0	2.0	7.0	8.0	8.0	25.0		
Max. Temp. (°C)	29.0	28.7	28.0	27.0	25.4	24.9	23.9	22.6	22.4	23.0	23.7	25.0	25.9	26.7	27.7	28.6	30.1	31.1	32.0	32.1	33.0	33.4	33.0		
Min. Temp. (°C)	16.9	15.6	14.0	13.3	12.9	12.0	10.9	10.7	10.3	10.0	10.6	11.1	12.1	13.6	14.1	15.0	16.1	17.1	18.6	19.7	20.4	21.1	22.0		
Mean Temp. (°C)	23.0	22.2	21.0	20.2	19.2	18.5	17.4	16.7	16.4	16.5	17.2	18.1	19.0	20.2	20.9	21.8	23.1	24.1	25.3	25.9	26.7	27.3	27.5		
RHmax (%)	95.9	95.3	95.6	96.1	96.4	96.3	96.6	96.7	96.3	96.4	95.9	94.7	94.0	93.4	92.0	90.6	88.9	87.6	86.0	87.1	86.6	87.4	89.4		
RHMin (%)	51.6	48.1	47.6	49.0	52.9	52.7	54.0	55.1	53.7	52.4	50.4	47.7	43.1	42.4	40.9	38.4	35.3	35.1	36.4	43.3	40.9	43.4	50.9		
RHmean (%)	73.7	71.7	71.6	72.5	74.6	74.5	75.3	75.9	75.0	74.4	73.1	71.2	68.5	67.9	66.4	64.5	62.1	61.3	61.2	65.2	63.7	65.4	70.1		
SShr (hrs)	52.0	54.0	53.0	48.0	42.0	41.0	37.0	34.0	34.0	37.0	41.0	44.0	46.0	52.0	54.0	57.0	59.0	59.0	55.0	49.0	52.0	55.0	49.0		
WD (deg)	154	164	177	183	193	200	213	225	238	243	227	241	225	230	225	228	230	212	192	170	171	150	142		
WS(Km/hr)	3.7	3.7	3.5	2.6	3.7	2.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.2	5.3	5.5	4.9	5.5	4.8	4.8		
																									
	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												