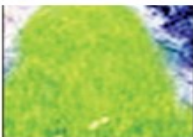








Crop Weather Calendar of Boro Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh

Region: Bogura	Boro Rice																			Duration: 150-155 days				
Months	December		January				February				March				April					May				
Std.Week/Normal	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Rainfall (mm)	0.0	4.0	0.0	2.0	2.0	1.0	1.0	1.0	4.0	3.0	5.0	2.0	4.0	3.0	8.0	8.0	12.0	26.0	28.0	37.0	42.0	45.0	58.0	
Max. Temp. (°C)	25.0	25.7	24.0	24.0	24.3	25.4	25.9	26.9	27.7	28.6	29.3	30.9	31.9	32.9	32.9	33.9	34.3	34.0	33.6	33.1	33.6	33.4	33.3	
Min. Temp. (°C)	12.0	13.4	12.0	11.4	11.4	12.0	12.9	13.6	14.6	15.4	16.4	17.4	18.3	20.0	21.1	22.3	23.0	23.0	23.1	23.3	23.9	24.3	24.6	
Mean Temp. (°C)	18.7	19.6	18.1	17.7	17.9	18.7	19.4	20.3	21.2	22.0	22.9	24.2	25.1	26.5	27.0	28.1	28.7	28.5	28.4	28.2	28.8	28.9	29.0	
RHmax (%)	94.3	94.6	94.1	94.3	94.3	93.9	93.1	92.1	91.4	90.4	88.7	89.1	86.4	86.3	87.7	88.0	88.3	90.6	90.9	92.4	92.4	92.7	93.0	
RHMin (%)	50.6	50.0	50.9	49.0	47.7	46.0	44.9	41.4	40.3	39.1	38.0	36.9	37.1	39.1	45.3	44.4	45.9	50.7	54.9	57.3	58.7	60.0	63.4	
RHmean (%)	72.5	72.3	72.5	71.7	71.0	70.0	69.0	66.8	65.9	64.8	63.4	63.0	61.8	62.7	66.5	66.2	67.1	70.7	72.9	74.9	75.6	76.4	78.2	
SShr (hrs)	49.0	46.0	44.0	44.0	46.0	50.0	50.0	52.0	53.0	56.0	60.0	59.0	61.0	58.0	56.0	56.0	56.0	55.0	52.0	48.0	50.0	49.0	46.0	
WD (deg)	249	248	258	247	239	252	249	233	234	229	235	230	225	205	176	173	164	149	134	127	126	126	121	
WS(Km/hr)	3.7	3.7	4.3	5.4	4.8	5.0	5.4	5.6	5.6	6.7	5.7	6.3	6.7	6.7	6.8	6.7	6.3	6.8	7.4	7.2	7.4	6.7	6.3	
																								
	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 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											