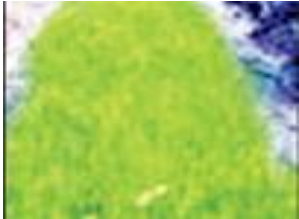







Crop Weather Calendar of Boro Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh

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 >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	