







**Crop Weather Calendar of Boro Rice: Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) Bangladesh**

Region: Rajshahi	Boro Rice																		Duration: 150-155 days				
Months	December				January				February				March				April			May			
Std.Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Rainfall (mm)	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0	14.0	13.0	10.0	19.0	17.0	24.0	29.0
Max. Temp. (°C)	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6	35.0	36.1	36.7	36.4	35.9	35.4	35.3
Min. Temp. (°C)	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4	20.6	22.1	23.0	23.4	23.9	23.7	24.3
Mean Temp. (°C)	20.5	19.6	18.9	18.0	17.5	17.4	17.5	17.9	18.8	19.5	20.9	21.7	22.8	24.3	25.4	27.0	27.8	29.1	29.9	29.9	29.9	29.6	29.8
RHmax (%)	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3	89.1	88.9	89.0	90.1	90.7	92.1	92.7
RHMin (%)	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4	35.9	34.3	34.6	41.4	45.1	50.0	51.9
RHmean (%)	70.8	73.0	72.7	72.9	72.9	71.8	71.6	70.5	70.0	68.0	67.1	64.3	63.1	61.5	59.4	59.4	62.5	61.6	61.8	65.8	67.9	71.1	72.3
SShr (hrs)	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0	52.0	57.0	57.0	57.0	56.0	52.0	53.0
WD (deg)	143	146	144	167	146	161	174	196	198	195	197	215	209	220	214	208	186	185	185	267	147	136	136
WS(Km/hr)	3.7	3.7	3.7	3.7	3.9	3.7	3.7	4.4	3.9	5.0	3.9	5.0	5.0	5.4	5.4	5.6	5.6	6.1	6.1	8.2	7.4	7.4	7.2
																							
	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							