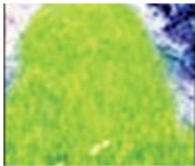








Crop Weather Calendar of Boro Rice: Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) **Bangladesh**

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					
Favourable 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																						