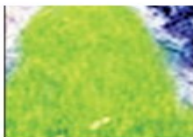



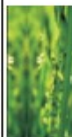




**Crop Weather Calendar of Boro Rice: Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat) Bangladesh**

Region: Rangpur	Boro Rice																			Duration: 150-155 days			
	November			December				January				February				March				April			
	Months	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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)	2.0	0.0	1.0	0.0	2.5	0.0	2.5	1.0	2.5	2.0	1.0	1.0	1.5	3.5	1.5	2.5	1.0	2.5	5.5	18.5	11.0	19.5	28.5
Max. Temp. (°C)	29.0	28.3	27.7	26.7	25.1	24.7	24.1	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5	28.5	29.9	30.8	31.6	31.4	32.1	32.5	32.3
Min. Temp. (°C)	17.5	16.4	15.0	14.2	13.5	12.5	11.5	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4	15.3	16.1	17.3	18.4	19.5	20.3	21.1	21.9
Mean Temp. (°C)	23.3	22.3	21.3	20.4	19.3	18.6	17.8	16.8	16.4	17.0	17.0	18.3	19.3	20.2	21.0	21.9	23.0	24.0	25.0	25.4	26.2	26.8	27.1
RHmax (%)	94.6	94.9	94.9	95.0	95.4	95.8	96.1	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9	91.4	89.8	88.7	88.1	87.7	88.5	88.4	89.9
RHMin (%)	54.0	50.9	50.6	53.5	56.2	56.2	55.2	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3	42.8	39.6	40.8	42.5	48.8	49.7	50.7	56.7
RHmean (%)	74.3	72.9	72.7	74.2	75.8	76.0	75.6	77.3	76.9	76.0	74.9	73.5	71.2	70.4	69.1	67.1	64.7	64.7	65.3	68.3	69.1	69.5	73.3
SShr (hrs)	52.0	54.0	53.0	49.5	41.5	42.5	40.0	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5	56.5	57.5	57.0	54.0	49.0	51.5	51.0	47.5
WD (deg)	126	134	150	129	158	160	187	199	214	199	210	208	192	201	201	201	207	196	179	152	148	141	135
WS(Km/hr)	6.3	6.4	5.6	6.0	5.7	5.6	5.6	5.7	5.7	5.7	5.6	6.2	6.6	7.5	7.2	7.7	7.8	8.2	8.7	8.7	8.3	8.4	8.3
																							
	Seedbed			Transplanting				Tillering				Heading		Flow erin g	Grain filling		Maturity to Harvesting						
<b>Favourable Weather Conditions</b>																							
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							
<b>Congenial Weather Condition for Pests &amp; Diseases</b>																							
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																						
<b>Weather Warning</b>																							
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							