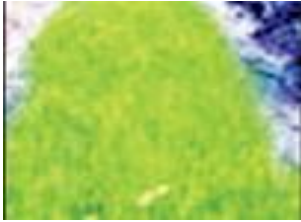







### Crop Weather Calendar of Boro Rice: Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

Region: Rangamati	Boro Rice																		Duration: 150-155 days				
Months	November			December				January				February				March			April				
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)	6.0	6.0	19.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	10.0	5.0	8.0	4.0	4.0	4.0	21.0	49.0	29.0
Max. Temp. (°C)	29.7	29.0	28.1	27.6	27.0	26.0	26.0	25.7	25.6	26.0	26.6	27.0	28.3	29.3	29.9	30.9	31.7	32.9	33.1	33.0	33.0	33.4	33.7
Min. Temp. (°C)	20.0	19.1	17.7	16.9	16.1	15.1	14.7	14.0	13.6	13.1	13.0	14.1	14.4	16.0	16.3	17.6	18.4	19.9	20.9	21.7	22.3	22.9	23.6
Mean Temp. (°C)	24.9	24.1	22.9	22.3	21.6	20.6	20.4	19.9	19.6	19.6	19.8	20.6	21.4	22.7	23.1	24.3	25.1	26.4	27.0	27.4	27.7	28.2	28.7
RHmax (%)	94.9	94.9	94.9	95.0	95.0	95.4	95.4	95.0	94.7	94.3	94.3	93.4	92.9	91.7	91.0	90.4	89.3	89.3	90.3	90.4	89.9	89.7	90.6
RHMin (%)	61.1	58.6	57.6	56.6	55.1	55.3	53.0	51.6	50.1	46.1	43.9	44.9	41.7	42.1	39.4	40.0	38.9	39.7	43.7	48.0	49.7	51.1	52.6
RHmean (%)	78.0	76.8	76.3	75.8	75.1	75.4	74.2	73.3	72.4	70.2	69.1	69.2	67.3	66.9	65.2	65.2	64.1	64.5	67.0	69.2	69.8	70.4	71.8
SShr (hrs)	52.0	55.0	55.0	53.0	53.0	50.0	53.0	52.0	50.0	53.0	56.0	53.0	57.0	56.0	56.0	59.0	58.0	56.0	52.0	50.0	55.0	54.0	55.0
WD (deg)	185	186	174	169	173	161	161	165	152	162	173	160	176	170	178	193	197	193	201	204	205	205	210
WS(Km/hr)	3.7	3.5	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.2	3.7	4.4	4.8	5.3	5.5	5.5	6.1	6.1	5.5
																							
	Seedbed			Transplanting				Tillering				Heading		Flow erin g		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