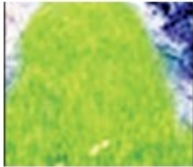








Crop Weather Calendar of Boro Rice: Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

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	505	
																								
	Seedbed			Transplanting				Tillering				Heading		Flow erin g	Grain filling		Maturity to Harvesting							
Favorable Weather Conditions																								
Temperature	At least 10 ^o C for germination														22-25 ^o C		23-27 ^o C							
Light Intensity								≤200% of normal																
Relative Humidity								High																
Soil Temperature								Above 16 ^o 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																							