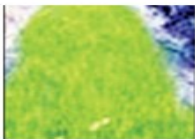








Crop Weather Calendar of Boro Rice: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

Region: Sylhet	Boro Rice																		Duration: 150-155 days					
Months	October				November				December				January				February				March			
Std. Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	
Rainfall (mm)	36.5	24.5	12.0	14.5	8.5	0.5	7.0	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0	2.5	4.0	8.0	11.5	11.0	10.5	17.5	34.0	
Max. Temp. (°C)	31.6	31.4	30.9	30.1	29.6	29.0	28.2	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8	26.5	27.2	28.2	28.9	30.0	31.0	31.6	32.1	
Min. Temp. (°C)	22.7	21.2	20.4	19.1	17.3	16.6	15.3	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1	12.1	12.6	13.7	14.4	15.4	16.7	18.0	19.2	
Mean Temp. (°C)	27.2	26.3	25.7	24.6	23.5	22.8	21.7	21.1	20.3	19.3	18.8	18.3	18.0	18.0	18.4	19.3	19.9	21.0	21.6	22.7	23.8	24.8	25.6	
RHmax (%)	96.0	95.6	95.4	95.2	95.2	95.3	95.5	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9	94.3	92.9	92.8	92.5	91.7	90.9	90.7	90.2	
RHMin (%)	66.5	63.1	61.9	59.2	56.2	54.4	53.5	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1	45.8	42.3	42.5	41.7	40.8	41.1	41.0	45.0	
RHmean (%)	81.3	79.3	78.6	77.2	75.7	74.9	74.5	73.0	74.6	74.2	74.4	74.6	75.0	73.1	71.5	70.1	67.6	67.7	67.1	66.2	66.0	65.8	67.6	
SShr (hrs)	49.5	54.5	52.5	55.5	55.5	56.5	56.0	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0	50.5	55.0	53.5	55.5	56.0	55.0	56.0	51.0	
WD (deg)	187	191	173	179	180	184	190	177	186	191	203	200	211	213	219	213	218	217	208	219	203	214	194	
WS(Km/hr)	4.6	4.5	4.7	4.5	4.3	4.6	4.3	4.2	4.5	4.5	4.3	4.6	4.9	5.1	4.8	6.1	6.5	6.9	7.1	6.8	6.8	7.3	8.5	
																								
	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 >30 mm																							
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				>25 mm for 3 days				>100 mm/day				>50 mm for 4 days				>50 mm/day							
Duration of wet spell																	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							