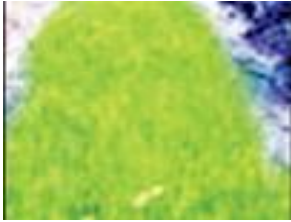







**Crop Weather Calendar of Boro Rice: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh**

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									
<b>Favorable 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