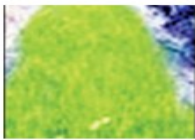



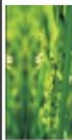




**Crop Weather Calendar of Boro Rice: Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh**

Region: Mymensingh	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)	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0	20.0	30.0	40.0	
Max. Temp. (°C)	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1	29.1	30.3	31.0	31.9	31.3	32.1	32.7	32.0	
Min. Temp. (°C)	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9	16.6	17.4	18.6	19.9	20.9	21.9	22.4	22.9	
Mean Temp. (°C)	24.2	23.0	21.9	21.3	20.2	19.4	18.7	18.2	17.8	18.0	18.6	19.5	20.2	21.2	22.0	22.9	23.9	24.8	25.9	26.1	27.0	27.6	27.5	
RHmax (%)	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6	90.6	90.6	90.1	89.7	90.4	89.9	90.9	91.1	
RHMin (%)	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.9	45.3	45.0	45.1	44.3	43.6	44.6	48.3	54.7	55.0	56.6	61.1	
RHmean (%)	75.3	74.0	73.4	73.8	74.9	74.9	74.5	74.4	73.8	72.9	70.2	70.3	68.7	68.2	67.9	67.6	67.1	67.4	69.0	72.6	72.5	73.8	76.1	
SShr (hrs)	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0	51.0	53.0	53.0	4.8	44.0	49.0	49.0	49.0	
WD (deg)	186	186	193	191	206	199	221	230	236	216	238	228	218	222	210	214	202	208	179	165	149	146	143	
WS(Km/hr)	3.7	3.7	3.7	3.0	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	4.4	5.4	5.0	5.4	5.6	6.3	6.1	7.2	6.8	7.2	
																								
	Seedbed				Transplanting				Tillering				Heading		Flowering	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 >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																							
<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											