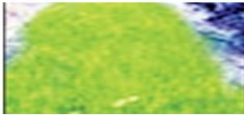

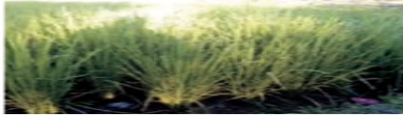






**Crop Weather Calendar of Aman Rice: Chattogram Region (Districts: Chattogram, Lakshmpur, Coxsbazar, Noakhali and Feni) Bangladesh**

Region: Chattogram	Aman Rice															Duration: 133 days					
Months	June			July				August					September			October					
Std.Week/Normal	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		
Rainfall (mm)	161.0	180.7	197.3	201.7	156.0	189.0	173.3	148.7	128.3	137.3	117.0	118.3	92.7	73.3	73.7	60.3	66.7	75.7	43.7		
Max. Temp. (°C)	31.5	31.3	30.9	30.7	31.1	30.7	30.9	31.1	31.2	31.0	31.3	31.3	31.4	31.9	31.9	32.1	32.2	31.9	32.1		
Min. Temp. (°C)	25.4	25.4	25.2	25.4	25.3	25.2	25.3	25.3	25.4	25.2	25.3	25.3	25.2	25.1	25.2	25.1	25.0	24.8	24.5		
Mean Temp. (°C)	28.5	28.3	28.1	28.0	28.2	27.9	28.1	28.2	28.3	28.1	28.3	28.3	28.3	28.5	28.5	28.6	28.6	28.3	28.3		
RHmax (%)	95.3	95.1	95.9	96.0	95.7	96.1	95.8	95.5	95.8	95.8	96.0	95.9	95.6	95.7	95.7	95.7	96.0	96.1	95.8		
RHMin (%)	74.8	75.3	77.3	77.7	76.4	77.6	76.3	75.2	75.4	75.9	74.3	74.2	73.4	72.2	71.5	70.2	69.9	68.8	66.7		
RHmean (%)	85.1	85.2	86.6	86.9	86.0	86.9	86.1	85.3	85.6	85.9	85.1	85.0	84.5	83.9	83.6	82.9	82.9	82.4	81.2		
SShr (hrs)	28.0	28.0	25.3	24.0	29.0	25.5	30.0	32.8	30.0	27.8	35.8	36.8	35.8	39.3	39.5	42.5	42.8	45.8	49.8		
WD (deg)	177	174	173	173	173	174	174	172	175	172	182	179	185	190	194	202	209	203	215		
WS(Km/hr)	10.5	11.0	10.9	10.7	10.8	10.9	10.3	10.0	9.9	9.7	9.3	9.1	8.6	8.3	7.6	7.4	6.8	6.7	6.9		
																					
	Seedbed			Transplanting				Tillering					Heading		Flowering	Grain Formation		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 07 hours day temperature 25-30°C, for 07 hours day night temperature >10°C, Relative Humidity >90%, Cloudy																				
Sheath rot	Temperature 25-28°C, Cloudy weather, high Relative Humidity >90%																				
Stem borer	Minimum Temperature > 20.3 °C, Maximum Temperature: 29.5-34.7°C, Optimum temperature: 24-29°C, Higher morning Relative Humidity > 84%, Afternoon Relative Humidity >38.7%, Dry weather																				
Leaf roller	Maximum Temperature: 32-33°C, Relative Humidity 92-95%																				
Brown plant hopper	High temperature >32°C, , high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm																				
Rice bug	Higher maximum temperature >31.9°C, Morning Relative Humidity > 93.9%, Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less than 22.1°C, Afternoon Relative Humidity less than 66.4%, Dry, or intermittent rain Weekly total rainfall less than 40.9 mm																				
<b>Weather Warning</b>																					
Rain	>50 mm/day			>100 mm/day				>50 mm/day					>50 mm/day								
Duration of wet spell	>25 mm for 3 days			>50 mm for 4 days				Cloudy weather					20 mm for 4 days			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					Minimum Temperature <10° C			Minimum Temperature <10° C					