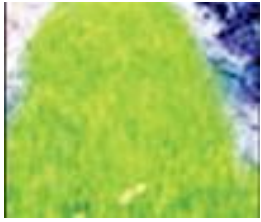








**Crop Weather Calendar of Aman Rice: Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh**

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					

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 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				

Weather Warning				
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	