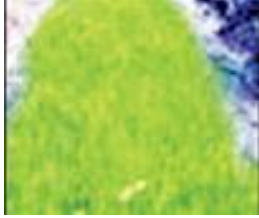








**Crop Weather Calendar of Aman Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh**

Region: Bogura	Aman Rice															Duration: 133 days					
Months	July			August				September				October				November					
Std.Week/Normal	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46		
Rainfall (mm)	80.0	91.0	76.0	63.0	61.0	72.0	67.0	56.0	60.0	60.0	76.0	74.0	51.0	42.0	25.0	18.0	5.0	5.0	0.0		
Max. Temp. (°C)	31.9	32.0	32.1	32.3	32.6	32.1	32.3	32.6	32.3	32.0	32.1	32.0	32.1	32.3	32.0	31.6	31.0	30.7	30.1		
Min. Temp. (°C)	26.1	26.0	26.1	26.3	26.9	26.3	26.4	26.1	26.0	26.0	26.0	25.1	25.0	24.0	23.4	21.7	21.0	19.9	18.3		
Mean Temp. (°C)	29.0	29.0	29.1	29.3	29.8	29.2	29.4	29.4	29.2	29.0	29.1	28.6	28.6	28.2	27.7	26.7	26.0	25.3	24.2		
RHmax (%)	95.9	95.9	95.9	95.1	95.3	95.6	95.9	95.7	95.9	96.3	96.1	96.4	96.0	96.0	95.7	95.1	94.3	94.6	94.1		
RHMin (%)	74.1	74.4	73.3	72.0	71.9	73.3	72.7	71.7	72.0	72.3	70.7	71.0	68.7	66.0	62.1	57.9	55.6	52.4	49.9		
RHmean (%)	85.0	85.2	84.6	83.6	83.6	84.5	84.3	83.7	84.0	84.3	83.4	83.7	82.4	81.0	78.9	76.5	75.0	73.5	72.0		
SShr (hrs)	31.0	29.0	28.0	35.0	37.0	36.0	31.0	35.0	35.0	35.0	37.0	37.0	44.0	48.0	54.0	57.0	52.0	55.0	55.0		
WD (deg)	135	138	143	137	136	141	147	142	147	152	160	174	170	184	199	198	186	200	202		
WS(Km/hr)	5.6	6.8	6.1	6.3	5.7	6.1	5.6	5.6	5.6	5.6	5.6	5.4	5.0	5.0	5.0	4.4	4.4	3.7	3.7		
																					
	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				>50 mm for 4 days				20 mm for 4 days									
Cloudy weather				Cloudy weather				Cloudy weather				Cloudy weather									
High wind	>50 km/hr			>40 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									