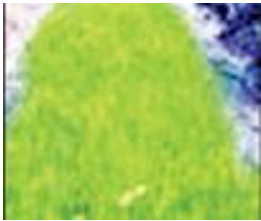








### Crop Weather Calendar of Aman Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh

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	Flow erin g	Grain Formation	Maturity to Harvesting			

Favorable Weather Conditions					
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 <sup>0</sup> C, , high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm		
Rice bug				Higher maximum temperature >31.9 <sup>0</sup> C, Morning Relative Humidity > 93.9%, Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less than 22.1 <sup>0</sup> 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	
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 <sup>0</sup> C	Minimum Temperature <10 <sup>0</sup> C	Minimum Temperature <10 <sup>0</sup> C	