

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

Region: Bogura	Aman Rice															Duration: 133 days			
	July			August				September				October				November			
Months	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Std.Week/Normal	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
Rainfall (mm)	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
Max. 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
Min. 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
Mean Temp. (°C)	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
RHmax (%)	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
RHMin (%)	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
RHmean (%)	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
SShr (hrs)	135	138	143	137	136	141	147	142	147	152	160	174	170	184	199	198	186	200	202
WD (deg)	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
WS(Km/hr)																			
	Seedbed			Transplanting				Tillering				Heading		Flowerin g	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																		
Brown spot	Temperature 28-30°C, high Relative Humidity, Cloudy weather																		
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 for 4 days				>50 mm/day							
Duration of wet spell	>25 mm for 3 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							