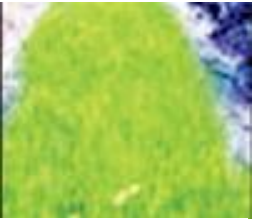








## Crop Weather Calendar of Aus Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh

Region: Bogura	Aus Rice																Duration: 126 days	
Months	April		May			June				July				August				Sep
Std. Week/Normal	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rainfall (mm)	28.0	37.0	42.0	45.0	58.0	59.0	74.0	70.0	92.0	76.0	93.0	80.0	91.0	76.0	63.0	61.0	72.0	67.0
Max. Temp. (°C)	33.6	33.1	33.6	33.4	33.3	33.9	33.4	32.7	32.3	32.3	32.0	31.9	32.0	32.1	32.3	32.6	32.1	32.3
Min. Temp. (°C)	23.1	23.3	23.9	24.3	24.6	25.0	25.9	26.0	26.1	26.1	26.0	26.1	26.0	26.1	26.3	26.9	26.3	26.4
Mean Temp. (°C)	28.4	28.2	28.8	28.9	29.0	29.5	29.7	29.4	29.2	29.2	29.0	29.0	29.0	29.1	29.3	29.8	29.2	29.4
RHmax (%)	90.9	92.4	92.4	92.7	93.0	93.7	94.1	95.1	95.1	95.6	95.9	95.9	95.9	95.9	95.1	95.3	95.6	95.9
RHMin (%)	54.9	57.3	58.7	60.0	63.4	64.6	66.7	70.4	72.4	73.9	73.3	74.1	74.4	73.3	72.0	71.9	73.3	72.7
RHmean (%)	72.9	74.9	75.6	76.4	78.2	79.2	80.4	82.8	83.8	84.8	84.6	85.0	85.2	84.6	83.6	83.6	84.5	84.3
SShr (hrs)	52.0	48.0	50.0	49.0	46.0	44.0	39.0	33.0	28.0	26.0	28.0	31.0	29.0	28.0	35.0	37.0	36.0	31.0
WD (deg)	134	127	126	126	121	135	134	134	134	132	141	135	138	143	137	136	141	147
WS(Km/hr)	7.4	7.2	7.4	6.7	6.3	6.3	6.3	7.2	6.3	6.7	5.6	5.6	6.8	6.1	6.3	5.7	6.1	5.6
																		
	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 (BLB)	Temperature 28-30°C Relative Humidity 80-90%, Cloudiness, Rainfall >30mm					
Sheath rot			Temperature 25-28°C High Relative Humidity>90%, Cloudy weather			
Sheath blight			Temperature 28-32°C, high Relative Humidity, cloudy weather			
Blast	Night temperature 16-20°C, for 7.30 hours day temperature 25-30°C, for 7.30 hours day night temperature >10°C Relative Humidity >90%, Cloudy					
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%				
Rice bug				Higher Maximum Temperature: 31.9°C Morning Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less than 22.10C Afternoon Relative Humidity less		

				than 66.4% Dry, or intermittent rain	
Rice hispa		Maximum temperature 32-35°C, Minimum temperature 24-26°C, maximum Relative Humidity 96-99%, minimum Relative Humidity 75-81%			

<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°C	Minimum Temperature <10°C	Minimum Temperature <10°C	