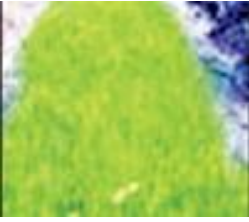








**Crop Weather Calendar of Aus Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh**

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 ering	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 (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%,																		
Weather Warning	minimum Relative Humidity 75-81%																		
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						