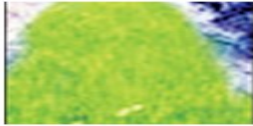

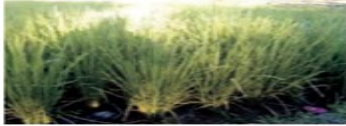

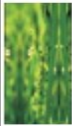




Crop Weather Calendar of Aus Rice: Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj) Bangladesh

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		Flowering	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																			
Leafroller	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%																			
Weather Warning																				
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											
High wind	>50 km/hr				>40 km/hr				>30 km/hr											
Temperature	Minimum Temperature <10°C				Minimum Temperature <10°C				Minimum Temperature <10°C											