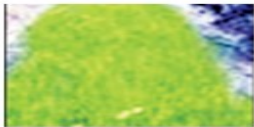



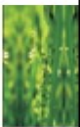




Crop Weather Calendar of Aus Rice: Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) **Bangladesh**

Region: Chattogram	Aus Rice															Duration: 126 days		
Months	March			April				May				June				July		
Std.Week/Normal	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Rainfall (mm)	6.3	13.3	21.3	21.3	27.0	34.3	36.0	62.7	61.3	70.3	88.7	88.0	119.3	161.0	180.7	197.3	201.7	156.0
Max. Temp. (°C)	32.0	32.0	31.8	32.1	32.6	32.7	32.9	32.8	32.9	32.8	32.5	32.3	32.1	31.5	31.3	30.9	30.7	31.1
Min. Temp. (°C)	20.7	21.8	22.7	23.5	24.0	24.4	24.5	24.5	24.8	25.2	25.2	25.6	25.6	25.4	25.4	25.2	25.4	25.3
Mean Temp. (°C)	26.3	26.9	27.2	27.8	28.3	28.6	28.7	28.7	28.9	29.0	28.9	29.0	28.8	28.5	28.3	28.1	28.0	28.2
RHmax (%)	91.3	93.0	93.0	93.3	92.9	92.6	92.8	92.9	93.3	93.5	93.9	94.0	94.9	95.3	95.1	95.9	96.0	95.7
RHMin (%)	47.4	54.0	58.2	60.1	60.5	61.6	62.0	62.3	64.1	66.1	68.9	70.2	71.9	74.8	75.3	77.3	77.7	76.4
RHmean (%)	69.4	73.5	75.6	76.7	76.7	77.1	77.4	77.6	78.7	79.8	81.4	82.1	83.4	85.1	85.2	86.6	86.9	86.0
SShr (hrs)	56.8	57.0	52.8	56.0	56.0	54.8	55.3	52.8	55.0	48.0	42.8	40.3	36.8	28.0	28.0	25.3	24.0	29.0
WD (deg)	223	218	207	209	205	205	202	199	203	199	186	185	182	177	174	173	173	173
WS(Km/hr)	8.9	9.4	9.7	10.0	11.1	10.6	10.6	10.1	10.0	10.1	10.0	10.2	9.8	10.5	11.0	10.9	10.7	10.8
																		
	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																	
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																	
Brown plant hopper	High temperature >32°C, high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm																	
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				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										