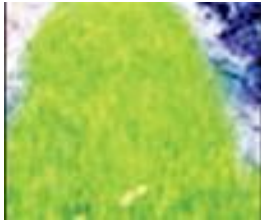








Crop Weather Calendar of Aus Rice: Barishal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola) Bangladesh

Region: Barishal	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)	6.0	14.3	18.0	18.0	21.7	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	105.3	129.7	126.3	129.0	91.7	
Max. Temp. (°C)	32.7	33.0	32.9	33.3	33.7	33.5	33.5	33.6	33.4	33.4	33.2	33.3	32.8	31.9	31.3	31.0	31.0	31.1	
Min. Temp. (°C)	20.5	22.1	22.8	23.7	24.0	24.6	24.4	24.4	25.1	25.2	25.7	26.0	26.1	26.0	26.0	26.0	26.0	26.0	
Mean Temp. (°C)	26.6	27.6	27.9	28.5	28.8	29.1	29.0	29.0	29.3	29.3	29.5	29.6	29.4	28.9	28.6	28.5	28.5	28.6	
RHmax (%)	96.7	96.5	96.5	96.6	96.4	96.0	96.0	96.1	96.2	96.1	96.2	96.5	96.4	96.6	97.0	97.3	97.4	97.4	
RHMin (%)	45.3	50.7	54.4	58.0	59.8	61.9	62.5	64.2	65.9	67.5	69.6	70.9	73.2	76.9	79.2	80.6	80.7	79.4	
RHmean (%)	71.0	73.6	75.4	77.3	78.1	78.9	79.3	80.1	81.1	81.8	82.9	83.7	84.8	86.8	88.1	89.0	89.0	88.4	
SShr (hrs)	54.3	52.3	50.7	53.0	51.3	54.7	51.7	49.0	48.0	46.0	37.3	37.3	30.7	23.0	21.3	20.3	20.3	23.3	
WD (deg)	218	210	198	200	198	197	191	190	192	189	186	187	185	177	179	175	180	175	
WS(Km/hr)	5.4	6.3	6.7	6.9	7.0	7.5	7.2	7.0	7.3	7.1	7.0	7.0	6.3	6.5	6.8	6.5	6.5	6.5	
																			
	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						
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				
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		
Brown plant hopper		High temperature >32° C, high Relative Humidity: 80-90%, drizzle, wet spell, rainfall less than 75 mm				
Rat	Cloudy weather with high humidity and high temperature					

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