








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		Flowing	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								