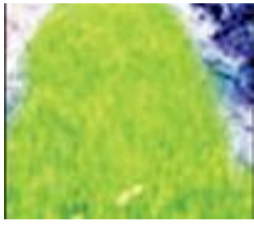








**Crop Weather Calendar of Aus Rice: Khulna Region (Districts: Khulna, Satkhira, Bagerhat and Narail) Bangladesh**

Region: Khulna	Aus Rice															Duration: 126 days		
Months	April			May				June				July				August		
Std.Week/Normal	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Rainfall (mm)	17.5	25.0	31.5	32.5	37.0	47.5	50.0	52.0	77.5	79.0	93.5	92.0	74.5	94.0	76.5	79.5	69.0	76.5
Max. Temp. (°C)	35.2	35.2	35.1	35.2	35.3	35.1	35.0	34.7	33.4	32.7	32.3	32.0	32.1	31.8	32.1	32.1	32.1	32.0
Min. Temp. (°C)	24.9	25.0	25.0	25.3	25.8	26.0	26.4	26.8	26.2	26.3	26.1	26.0	26.2	26.1	26.1	26.0	26.4	26.1
Mean Temp. (°C)	30.1	30.1	30.0	30.2	30.6	30.5	30.7	30.7	29.8	29.3	29.2	29.0	29.1	28.9	29.1	29.0	29.2	29.0
RHmax (%)	93.3	93.2	93.0	93.1	93.4	93.7	93.9	94.2	95.1	95.7	95.8	96.0	95.5	95.9	95.8	95.6	95.6	96.1
RHMin (%)	52.4	53.7	55.3	57.4	57.9	60.7	62.0	64.9	70.2	73.3	75.1	75.5	74.6	77.0	75.5	74.8	74.5	75.1
RHmean (%)	72.8	73.4	74.1	75.2	75.7	77.2	77.9	79.5	82.6	84.5	85.4	85.7	85.1	86.4	85.6	85.2	85.0	85.6
SShr (hrs)	61.5	58.0	59.5	56.5	55.0	47.0	50.0	41.5	29.5	23.5	25.0	21.5	27.0	24.5	29.0	30.0	29.5	31.0
WD (deg)	192	186	186	183	177	180	184	178	170	175	179	186	175	175	179	170	172	170
WS(Km/hr)	7.6	8.0	7.5	7.5	7.1	7.2	7.3	6.7	6.8	6.8	6.8	5.6	5.6	6.6	6.2	6.5	5.9	6.5
																		
	Seedbed			Transplanting				Tillering				Heading	Flow ering	Grain Formation	Maturity to Harvesting			

Favorable Weather Conditions						
Temperature	At least 10° C for germination					
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					
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			

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	