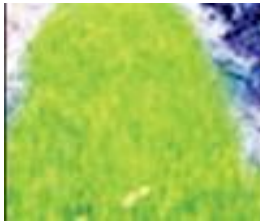








Crop Weather Calendar of Aus Rice: Faridpur Region (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj) Bangladesh

Region: Faridpur	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)	7.0	12.5	18.5	21.0	20.5	27.5	41.5	48.0	46.5	52.5	61.0	67.5	76.5	84.0	86.5	88.0	95.0	77.5	
Max. Temp. (°C)	32.9	33.8	33.4	34.2	34.8	34.5	34.2	34.0	34.1	34.0	33.7	33.8	33.7	32.8	32.1	32.0	31.9	32.0	
Min. Temp. (°C)	19.5	21.2	21.8	23.0	23.5	24.0	24.0	23.7	24.2	24.6	25.0	25.5	26.0	26.0	26.0	26.0	26.0	26.0	
Mean Temp. (°C)	26.2	27.5	27.6	28.6	29.1	29.2	29.1	28.8	29.1	29.3	29.4	29.7	29.8	29.4	29.0	29.0	29.0	29.0	
RHmax (%)	92.4	92.9	93.2	93.0	92.9	92.6	93.3	93.6	94.1	93.8	94.1	94.8	95.2	95.4	95.4	95.5	95.6	95.5	
RHMin (%)	38.4	42.1	46.7	49.0	50.2	53.8	56.9	59.9	61.3	63.3	65.5	67.3	69.5	73.5	73.5	75.6	77.0	76.8	
RHmean (%)	65.4	67.5	69.9	71.0	71.5	73.2	75.1	76.7	77.7	78.5	79.8	81.0	82.4	84.4	84.4	85.6	86.3	86.1	
SShr (hrs)	54.5	51.5	50.5	52.5	53.0	54.5	52.5	49.5	49.5	49.0	40.5	41.0	38.0	30.5	26.5	25.5	23.0	28.0	
WD (deg)	230	216	200	199	197	187	187	182	190	183	187	190	188	179	180	177	183	180	
WS(Km/hr)	4.5	5.5	5.6	6.1	6.1	6.4	6.5	6.2	6.1	5.8	5.6	5.7	5.0	5.4	5.8	5.3	5.5	4.7	
																			
	Seedbed			Transplanting				Tillering				Heading		Flow ering		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				
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	