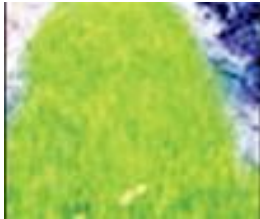








Crop Weather Calendar of Aman Rice:FaridpurRegion (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj)
Bangladesh

Region: Faridpur	Aman Rice																Duration: 133 days			
Months	July				August				September				October				November			
Std.Week/Normal	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
Rainfall (mm)	95.0	77.5	79.5	84.5	84.0	65.5	76.5	74.5	50.0	56.5	59.5	61.5	68.0	43.0	44.0	43.0	20.5	11.5	11.0	
Max. Temp. (°C)	31.9	32.0	31.7	32.0	32.0	32.1	32.0	32.1	32.2	32.2	32.1	32.4	32.2	32.4	32.4	32.0	31.5	30.9	30.4	
Min. Temp. (°C)	26.0	26.0	26.0	26.0	26.1	26.1	26.0	26.1	26.2	26.0	26.0	26.0	25.8	25.5	25.0	24.0	22.6	22.0	20.7	
Mean Temp. (°C)	29.0	29.0	28.8	29.0	29.0	29.1	29.0	29.1	29.2	29.1	29.0	29.2	29.0	28.9	28.7	28.0	27.1	26.4	25.5	
RHmax (%)	95.5	95.3	95.3	95.3	95.0	95.0	95.0	95.0	94.8	95.1	95.2	95.1	95.7	96.0	95.9	95.7	95.1	95.2	95.4	
RHMin (%)	76.8	76.3	77.0	75.7	75.3	74.7	75.1	74.9	73.3	74.0	72.9	72.0	71.0	69.3	66.2	63.0	58.6	57.6	55.5	
RHmean (%)	86.1	85.8	86.2	85.5	85.1	84.8	85.0	84.9	84.0	84.6	84.1	83.5	83.4	82.7	81.0	79.3	76.8	76.4	75.4	
SShr (hrs)	23.0	28.0	24.5	32.0	33.0	30.0	30.5	31.0	35.0	32.5	34.0	34.0	35.0	39.5	43.0	46.0	49.5	48.5	51.0	
WD (deg)	183	180	185	180	177	179	183	187	185	192	189	198	210	206	220	208	213	202	189	
WS(Km/hr)	5.5	4.7	5.6	5.6	5.6	4.6	4.9	5.1	4.7	4.6	4.6	4.0	4.2	3.7	3.1	2.9	3.1	2.8	2.8	
																				
	Seedbed		Transplanting		Tillering				Heading		Flow erin g	Grain Formation	Maturity to Harvesting							

Favorable Weather Conditions						
Temperature	At least 10° C for				22-25°C	23-27°C

	germination					
Light Intensity			≤200% of normal			
Relative Humidity			High			
Soil Temperature			Above 16 ⁰ C			
Normal phase wise water requirement (mm)	76	120		190	145	100
Congenial Weather Condition for Pests & Diseases						
Bacterial Leaf Blight	Temperature 28-30 ⁰ C, Relative Humidity 80-90%, Cloudiness, Rainfall >30mm					
Blast	Night temperature 16-20 ⁰ C, for 07 hours day temperature 25-30 ⁰ C, for 07 hours day night temperature >10 ⁰ C, Relative Humidity >90%, Cloudy					
Sheath rot				Temperature 25-28 ⁰ C, Cloudy weather, high Relative Humidity>90 %		
Stem borer			Minimum Temperature > 20.3 ⁰ C, Maximum Temperature: 29.5-34.7 ⁰ C, Optimum temperature: 24-29 ⁰ C, Higher morning Relative Humidity > 84%, Afternoon Relative Humidity >38.7%, Dry weather			
Leaf roller			Maximum Temperature: 32-33 ⁰ C, Relative Humidity 92-95%			
Brown plant hopper			High temperature >32 ⁰ C, , high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm			
Rice bug					Higher maximum temperature >31.9 ⁰ C, Morning Relative Humidity > 93.9%, Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less than 22.1 ⁰ C, Afternoon Relative Humidity less than 66.4%, Dry, or intermittent rain	

				Weekly total rainfall less than 40.9 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	