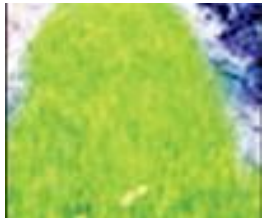








Crop Weather Calendar of Aman Rice: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj)
Bangladesh

Region: Dhaka	Aman Rice																Duration: 133 days		
Months	June		July				August				September				October				Nov
Std.Week/Normal	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Rainfall (mm)	81.0	77.5	82.5	73.5	91.0	81.5	67.0	59.5	77.0	62.5	60.5	60.5	68.5	70.0	69.0	47.0	42.0	40.5	26.0
Max. Temp. (°C)	32.2	32.2	32.1	32.0	31.7	32.2	32.2	32.2	31.9	32.3	32.5	32.3	32.2	32.3	32.3	32.5	32.3	32.0	31.5
Min. Temp. (°C)	26.2	26.2	26.1	26.2	26.0	26.0	26.2	26.7	26.2	26.2	26.1	26.0	26.0	26.0	25.7	25.3	24.8	23.8	22.3
Mean Temp. (°C)	29.2	29.2	29.1	29.1	28.9	29.1	29.2	29.4	29.0	29.3	29.3	29.2	29.1	29.1	29.0	28.9	28.5	27.9	26.9
RHmax (%)	94.4	94.7	94.7	94.1	94.5	94.3	94.0	94.1	94.4	94.8	94.4	94.8	95.2	95.0	95.5	95.4	95.4	95.0	94.8
RHMin (%)	71.5	72.9	73.5	73.1	73.5	71.1	71.0	71.6	72.2	71.2	70.0	70.2	69.4	69.7	68.0	65.7	63.0	60.2	55.5
RHmean (%)	83.0	83.8	84.1	83.6	84.0	82.7	82.5	82.8	83.3	83.0	82.2	82.5	82.3	82.3	81.8	80.6	79.2	77.6	75.2
SShr (hrs)	26.0	26.0	27.0	27.5	28.5	32.0	33.5	32.5	31.5	31.5	35.0	33.5	32.0	32.0	34.0	40.0	44.0	47.5	54.0
WD (deg)	157	158	162	157	161	159	156	165	157	165	164	163	177	176	195	194	198	192	190
WS(Km/hr)	6.5	6.5	5.8	5.9	6.1	5.9	6.1	5.8	5.6	5.4	5.5	5.5	5.3	4.3	4.6	4.0	3.9	4.1	3.8
																			
	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 16⁰C			
Normal phase wise water requirement (mm)	76	120	190	145	100	

Congenial Weather Condition for Pests & Diseases						
Bacterial Leaf Blight	Temperature 28-30⁰C, Relative Humidity 80-90%, Cloudiness, Rainfall >30mm					
Sheath Blight	Temperature 28-32⁰C, high Relative Humidity, Cloudy weather					
Blast	Night temperature 16-20⁰C, for 07 hours day temperature 25-30⁰C, for 07 hours day night temperature >10⁰C, Relative Humidity >90%, Cloudy					
Sheath rot			Temperature 25-28⁰C, Cloudy weather, high Relative Humidity>90%			
Stem borer		Minimum Temperature > 20.3⁰C, Maximum Temperature: 29.5-34.7⁰C, Optimum temperature: 24-29⁰C, Higher morning Relative Humidity > 84%, Afternoon Relative Humidity >38.7%, Dry weather				
Leaf roller		Maximum Temperature: 32-33⁰C, Relative Humidity 92-95%				
Rice bug				Higher maximum temperature >31.9⁰C, Morning Relative Humidity > 93.9%, Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less		

				<p>than 22.1^oC, Afternoon Relative Humidity less than 66.4%, Dry, or intermittent rain Weekly total rainfall less than 40.9 mm</p>	
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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 ^o C	Minimum Temperature <10 ^o C	Minimum Temperature <10 ^o C	

