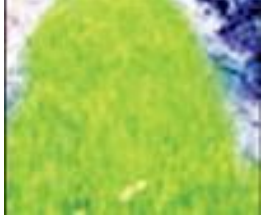








Crop Weather Calendar of Aman Rice: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj) Bangladesh

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	Floweri ng	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	Temperature 28-30° C, Relative Humidity 80-90%, Cloudiness, Rainfall >30mm																				
Sheath Blight	Temperature 28-32° C, high Relative Humidity, Cloudy weather																				
Blast	Night temperature 16-20° C, for 07 hours day temperature 25-30° C, for 07 hours day night temperature >10° C, Relative Humidity >90%, Cloudy																				
Sheath rot																		Temperatu re 25-28° C, Cloudy weather, high Relative Humidity> 90%			
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 Relative Humidity > 93.9%, Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less than 22.1°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				>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				Minimum Temperature <10° C										