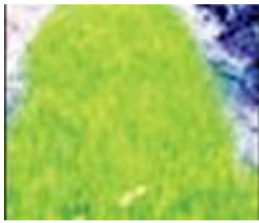








Crop Weather Calendar of Aman Rice: Barishal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola) Bangladesh

Region: Barishal	Aman Rice															Duration: 133 days			
Months	June	July				August				September				October			November		
Std.Week/Normal	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Rainfall (mm)	126.3	129.0	91.7	111.7	115.0	100.0	92.7	95.7	82.3	81.0	73.0	77.7	72.3	75.0	55.3	57.3	41.0	25.0	19.3
Max. Temp. (°C)	31.0	31.0	31.1	30.08	31.0	31.2	31.2	31.2	31.5	31.5	31.2	31.5	32.0	32.0	31.9	32.1	32.0	31.7	31.0
Min. Temp. (°C)	26.0	26.0	26.0	26.0	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9	26.0	25.5	25.2	25.2	24.3	22.9	22.1
Mean Temp. (°C)	28.5	28.5	28.6	28.6	28.5	28.6	28.6	28.5	28.8	28.8	28.6	28.7	29.0	28.7	28.6	28.6	28.1	27.3	26.5
RHmax (%)	97.3	97.4	97.4	97.4	97.6	97.4	97.3	97.2	97.3	97.3	97.4	97.7	97.6	98.0	97.9	98.0	97.8	97.8	97.8
RHMin (%)	80.6	80.7	79.4	81.0	80.0	78.9	78.6	79.0	77.6	77.4	77.6	76.4	74.6	73.9	72.3	70.4	68.0	63.7	63.2
RHmean (%)	89.0	89.0	88.4	89.2	88.8	88.2	88.0	88.1	87.5	87.4	87.5	87.1	86.1	85.9	85.1	84.2	82.9	80.7	80.5
SShr (hrs)	20.3	20.3	23.3	21.0	25.3	26.0	25.7	26.0	27.3	29.0	28.3	29.3	29.7	33.0	36.7	41.3	44.7	48.7	47.0
WD (deg)	175	180	175	177	175	173	180	176	184	182	185	191	209	212	220	229	228	212	214
WS(Km/hr)	6.5	6.5	6.5	6.5	6.5	6.4	5.6	6.5	5.7	5.6	5.0	5.0	4.5	4.5	4.0	3.2	3.6	3.1	3.5
																			
	Seedbed	Transplanting		Tillering				Heading	Flowering	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					
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				Temperature 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%		
Brown plant hopper			High temperature >32°C, , high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm		
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	
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	