



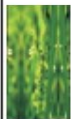




Crop Weather Calendar of Aman Rice: Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region: Jashore	Aman Rice																	Duration: 133 days			
	July		August				September				October				November			Dec			
	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47		
Std.Week/Normal	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47		
Rainfall (mm)	83.5	73.0	63.5	56.0	68.0	48.5	50.5	52.5	68.0	59.0	69.5	44.5	33.0	26.5	20.0	9.0	8.0	7.5	1.0		
Max. Temp. (°C)	32.7	32.7	33.0	32.8	32.7	33.1	33.3	32.9	32.9	33.0	33.2	33.2	33.0	32.7	31.9	31.1	31.1	30.3	29.6		
Min. Temp. (°C)	26.2	26.2	26.0	26.2	26.0	26.1	26.0	26.0	26.0	26.0	25.3	25.1	24.4	23.4	21.6	20.7	19.4	18.0	16.7		
Mean Temp. (°C)	29.5	29.4	29.5	29.5	29.3	29.6	29.6	29.5	29.5	29.5	29.2	29.1	28.7	28.0	26.7	25.9	25.3	24.2	23.1		
RHmax (%)	96.1	96.1	96.0	96.2	96.5	96.2	96.2	96.4	96.6	96.3	96.6	96.5	96.5	96.5	96.1	95.9	95.9	95.7	95.7		
RHMin (%)	74.6	73.4	72.6	73.0	73.0	71.7	71.0	71.5	70.8	69.7	67.7	67.0	64.4	61.5	57.1	56.2	52.0	49.8	48.1		
RHmean (%)	85.3	84.7	84.3	84.6	84.7	83.9	83.6	83.9	83.7	83.0	82.1	81.7	80.4	79.0	76.6	76.0	74.0	72.8	71.9		
SShr (hrs)	25.0	29.5	32.5	30.0	28.0	30.5	32.5	31.5	33.0	32.5	38.5	40.0	43.5	47.0	49.0	45.5	48.5	49.5	47.5		
WD (deg)	180	177	172	175	175	185	171	180	186	187	195	195	198	187	182	153	175	177	179		
WS(Km/hr)	4.4	4.7	4.3	4.4	4.3	3.9	4.1	4.1	4.1	3.8	3.7	3.1	3.0	2.9	2.5	2.5	2.3	2.4	2.3		
																					
	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																					
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																				
Brown spot	Temperature 28-30°C, high Relative Humidity, Cloudy weather																				
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								