








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

Region: Jashore	Aus Rice															Duration: 126 days		
Months	May			June				July				August				September		
Std.Week/Normal	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Rainfall (mm)	36.0	44.5	38.5	49.5	54.5	81.0	72.5	82.0	72.0	83.5	73.0	63.5	56.0	68.0	48.5	50.5	52.5	68.0
Max. Temp. (°C)	35.9	35.5	35.6	35.3	34.0	33.3	33.0	32.7	32.9	32.7	32.7	33.0	32.8	32.7	33.1	33.3	32.9	32.9
Min. Temp. (°C)	25.0	25.5	26.0	26.2	26.2	26.1	26.2	26.0	26.1	26.2	26.2	26.0	26.2	26.0	26.1	26.0	26.0	26.0
Mean Temp. (°C)	30.4	30.5	30.8	30.7	30.1	29.7	29.6	29.4	29.5	29.5	29.4	29.5	29.5	29.3	29.6	29.6	29.5	29.5
RHmax (%)	93.1	93.6	94.0	94.1	94.8	95.7	96.0	96.1	96.1	96.1	96.1	96.0	96.2	96.5	96.2	96.2	96.4	96.6
RHMin (%)	54.8	58.7	60.0	62.1	67.5	71.7	73.5	74.4	73.4	74.6	73.4	72.6	73.0	73.0	71.7	71.0	71.5	70.8
RHmean (%)	74.0	76.1	77.0	78.1	81.1	83.7	84.7	85.2	84.7	85.3	84.7	84.3	84.6	84.7	83.9	83.6	83.9	83.7
SShr (hrs)	52.5	46.5	45.5	41.5	32.0	26.5	26.0	24.5	29.0	25.0	29.5	32.5	30.0	28.0	30.5	32.5	31.5	33.0
WD (deg)	180	181	180	183	174	175	178	186	178	180	177	172	175	175	185	171	180	186
WS(Km/hr)	5.2	5.2	5.0	4.6	4.9	4.6	4.6	4.4	4.3	4.4	4.7	4.3	4.4	4.3	3.9	4.1	4.1	4.1
																		
	Seedbed			Transplanting				Tillering				Heading	Flowing	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 (BLB)	Temperature 28-30°C Relative Humidity 80-90%, Cloudiness, Rainfall >30mm					
Sheath rot				Temperature 25-28°C High Relative Humidity > 90%, Cloudy weather		
Sheath blight	Temperature 28-32°C, high Relative Humidity, cloudy weather					
Blast	Night temperature 16-20°C, for 7.30 hours day temperature 25-30°C, for 7.30 hours day night temperature >10°C Relative Humidity >90%, Cloudy					
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 Bright Sunshine Hours > 5.9 hrs Lower Minimum temperature less than 22.10C Afternoon Relative Humidity less than 66.4%, Dry, or intermittent rain		
Gall midge	Higher maximum temperature >33.0°C, Lower afternoon Relative Humidity less than 71%, Higher Sunshine hours >7.4 hours					

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