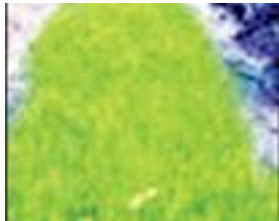







Crop Weather Calendar of Boro Rice: Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region: Jashore	Boro Rice																			Duration: 150-155 days				
Months	January			February				March				April				May				June				
Std.Week/Normal	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Rainfall (mm)	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	
Max. Temp. (°C)	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4	33.6	34.7	34.6	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6	35.3	34.0	33.3	
Min. Temp. (°C)	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7	19.0	20.8	21.8	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0	26.2	26.2	26.1	
Mean Temp. (°C)	18.0	18.2	19.3	20.5	21.8	22.8	23.7	25.0	26.3	27.7	28.2	29.2	29.8	30.3	30.3	30.1	30.6	30.4	30.5	30.8	30.7	30.1	29.7	
RHmax (%)	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5	92.1	92.1	92.4	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0	94.1	94.8	95.7	
RHMin (%)	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4	34.9	36.7	42.0	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0	62.1	67.5	71.7	
RHmean (%)	71.2	69.8	69.5	68.2	67.5	66.5	64.9	63.9	63.9	64.4	67.2	66.9	67.2	68.3	69.6	71.3	72.2	74.0	76.1	77.0	78.1	81.1	83.7	
SShr (hrs)	44.5	48.0	48.5	49.5	50.0	54.5	55.0	54.0	55.0	53.0	51.5	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	
WD (deg)	188	192	186	191	203	214	219	213	230	212	208	209	204	193	188	186	186	180	181	180	183	174	175	
WS(Km/hr)	3.0	3.0	3.2	3.1	3.3	3.7	3.5	3.9	4.1	4.4	4.7	5.1	5.2	5.7	5.6	5.6	5.8	5.2	5.2	5.0	4.6	4.9	4.6	
																								
	Seedbed			Transplanting				Tillering				Heading	Flow erin g	Grain filling	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 8.30 hours day temperature 25-30°C, for 8.30 hours day night temperature >10°C Relative Humidity >90%, Cloudy					
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		