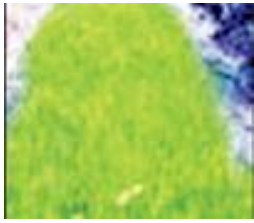








Crop Weather Calendar of Aus Rice: Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) Bangladesh

Region: Rajshahi	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)	33.0	36.0	34.0	48.0	51.0	78.0	72.0	66.0	71.0	75.0	72.0	52.0	57.0	64.0	53.0	57.0	54.0	59.0
Max. Temp. (°C)	35.1	35.0	35.3	35.0	33.9	33.1	33.0	32.7	32.9	32.3	32.6	32.9	32.9	32.7	33.0	33.0	32.9	33.0
Min. Temp. (°C)	24.6	25.0	25.4	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.0	26.1	26.0	26.0	26.0
Mean Temp. (°C)	29.9	30.0	30.4	30.5	30.0	29.6	29.5	29.4	29.5	29.2	29.3	29.5	29.5	29.4	29.6	29.5	29.5	29.5
RHmax (%)	93.3	93.1	93.7	94.6	95.4	96.1	96.6	96.6	96.9	97.0	96.9	96.7	96.6	96.7	96.1	96.4	96.3	96.7
RHMin (%)	55.6	58.3	58.9	62.6	67.9	71.1	73.4	73.7	74.3	75.3	73.9	72.6	72.6	74.1	72.0	70.9	71.3	71.0
RHmean (%)	74.5	75.7	76.3	78.6	81.7	83.6	85.0	85.2	85.6	86.2	85.4	84.7	84.6	85.4	84.1	83.7	83.8	83.9
SShr (hrs)	54.0	48.0	51.0	48.0	35.0	31.0	31.0	30.0	30.0	30.0	34.0	34.0	36.0	33.0	34.0	40.0	35.0	38.0
WD (deg)	135	126	133	139	129	127	132	141	134	138	140	131	131	141	143	133	142	143
WS(Km/hr)	7.2	7.2	7.2	6.7	6.7	6.8	6.8	5.7	6.1	6.3	6.7	6.3	5.6	5.7	5.6	5.6	5.6	5.6
																		
	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 (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						
Brown plant hopper								High temperature >32° C, high Relative Humidity: 80-90%, drizzle, wet spell, rainfall less than 75 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						