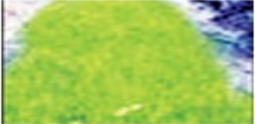








Crop Weather Calendar of Aus Rice: Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) Bangladesh

Region: Rajshahi	Aus Rice																	Duration: 126 days	
	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 ^o C for germination											22-25 ^o C			23-27 ^o C				
Light Intensity								≤200% of normal											
Relative Humidity								High											
Soil Temperature								Above 16 ^o 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 ^o C Relative Humidity 80-90%, Cloudiness, Rainfall >30mm																		
Sheath rot	Temperature 25-28 ^o C High Relative Humidity>90%, Cloudy weather																		
Blast	Night temperature 16-20 ^o C, for 7.30 hours day temperature 25-30 ^o C, for 7.30 hours day night temperature >10 ^o C Relative Humidity >90%, Cloudy																		
Stem borer				Minimum Temperature>20.3 ^o C Maximum Temperature:29.5-34.7 ^o C optimum Temperature:24-29 ^o C Higher morning Relative Humidity>84% Afternoon Relative Humidity 38.7% Dry weather															
Leafroller				Maximum Temperature:32-33 ^o C Relative Humidity 92-95%															
Rice bug												Higher Maximum Temperature: 31.9 ^o 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 ^o 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 ^o C			Minimum Temperature <10 ^o C				Minimum Temperature <10 ^o C											