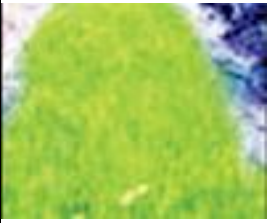








Crop Weather Calendar of Aus Rice: Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

Region: Rangamati	Aus Rice																Duration: 126 days		
Months	March			April				May				June				July			
Std.Week/Normal	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Rainfall (mm)	4.0	4.0	4.0	21.0	49.0	29.0	26.0	67.0	72.0	63.0	59.0	72.0	122.0	134.0	125.0	101.0	90.0	110.0	
Max. Temp. (°C)	32.9	33.1	33.0	33.0	33.4	33.7	33.7	33.1	33.0	33.3	32.9	33.0	32.0	31.7	31.3	31.0	31.0	31.4	
Min. Temp. (°C)	19.9	20.9	21.7	22.3	22.9	23.6	23.4	23.6	23.9	24.1	24.4	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
Mean Temp. (°C)	26.4	27.0	27.4	27.7	28.2	28.7	28.6	28.4	28.5	28.7	28.7	29.0	28.5	28.4	28.2	28.0	28.0	28.2	
RHmax (%)	89.3	90.3	90.4	89.9	89.7	90.6	91.4	91.6	91.6	92.0	92.1	92.3	93.0	94.0	93.7	93.7	93.4	93.4	
RHMin (%)	39.7	43.7	48.0	49.7	51.1	52.9	54.9	56.4	59.4	61.1	65.9	67.7	69.6	72.7	73.6	74.4	74.9	74.9	
RHmean (%)	64.5	67.0	69.2	69.8	70.4	71.8	73.2	74.0	75.5	76.6	79.0	80.0	81.3	83.4	83.7	84.1	84.2	83.7	
SShr (hrs)	56.0	52.0	50.0	55.0	54.0	55.0	54.0	50.0	50.0	44.0	42.0	39.0	35.0	30.0	29.0	28.0	24.0	26.0	
WD (deg)	193	201	204	205	205	210	202	207	199	193	191	195	192	186	179	184	179	184	
WS(Km/hr)	5.4	5.6	5.6	6.1	6.1	5.6	5.6	5.6	5.7	6.1	5.6	5.0	5.6	5.6	5.7	5.6	5.6	5.4	
																			
	Seedbed			Transplanting				Tillering				Heading		Flow ering		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					

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