



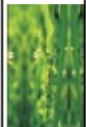




Crop Weather Calendar of Aus Rice: Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

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		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								
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												