







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

Region: Rangamati	Maize (Rabi)											Duration: 112 days				
Months	October			November				December				January				Feb.
Std. Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5
Rainfall (mm)	39.0	10.0	9.0	22.0	6.0	6.0	19.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0
Max. Temp. (°C)	31.7	31.3	31.0	30.3	29.7	29.0	28.1	27.6	27.0	26.0	26.0	25.7	25.6	26.0	26.6	27.0
Min. Temp. (°C)	23.9	23.0	22.4	21.3	20.0	19.1	17.7	16.9	16.1	15.1	14.7	14.0	13.6	13.1	13.0	14.1
Mean Temp. (°C)	27.8	27.2	26.7	25.8	24.9	24.1	22.9	22.3	21.6	20.6	20.4	19.9	19.6	19.6	19.8	20.6
RHmax (%)	94.3	94.7	94.0	94.6	94.9	94.9	94.9	95.0	95.0	95.4	95.4	95.0	94.7	94.3	94.3	93.4
RHMin (%)	67.0	64.9	65.0	62.9	61.1	58.6	57.6	56.6	55.1	55.3	53.0	51.6	50.1	46.1	43.9	44.9
RHmean (%)	80.7	79.8	79.5	78.8	78.0	76.8	76.3	75.8	75.1	75.4	74.2	73.3	72.4	70.2	69.1	69.2
SShr (hrs)	49.0	49.0	47.0	52.0	52.0	55.0	55.0	53.0	53.0	50.0	53.0	52.0	50.0	53.0	56.0	53.0
WD (deg)	204	202	178	195	185	186	174	169	173	161	161	165	152	162	173	160
WS(Km/hr)	3.7	3.5	3.7	3.7	3.7	3.5	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
																
	sowing	Germination	Vegetative Growth					Silking & Tasseling				Cob 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																
Seed Rot	A threshold temperature of 10.9°C and 559 day-degrees C is required for development. Sandy-clay or clay-sand soils are suitable for pupation.															
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					