







Crop Weather Calendar of Maize: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

Region: Sylhet	Maize (Rabi)												Duration: 112 days			
Months	December				January				February				March			
Std.Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12
Rainfall (mm)	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0	2.5	4.0	8.0	11.5	11.0	10.5	17.5	34.0
Max. Temp. (°C)	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8	26.5	27.2	28.2	28.9	30.0	31.0	31.6	32.1
Min. Temp. (°C)	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1	12.1	12.6	13.7	14.4	15.4	16.7	18.0	19.2
Mean Temp. (°C)	21.1	20.3	19.3	18.8	18.3	18.0	18.2	18.4	19.3	19.9	21.0	21.6	22.7	23.8	24.8	25.6
RHmax (%)	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9	94.3	92.9	92.8	92.5	91.7	90.9	90.7	90.2
RHMin (%)	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1	45.8	42.3	42.5	41.7	40.8	41.1	41.0	45.0
RHmean (%)	73.0	74.6	74.2	74.4	74.6	75.0	73.1	71.5	70.1	67.6	67.7	67.1	66.2	66.0	65.8	67.6
SShr (hrs)	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0	50.5	55.0	53.5	55.5	56.0	55.0	56.0	51.0
WD (deg)	177	186	191	203	200	211	213	219	213	218	217	208	219	203	214	194
WS(Km/hr)	4.2	4.5	4.5	4.3	4.6	4.9	5.1	4.8	6.1	6.5	6.9	7.1	6.8	6.8	7.3	8.5
																
	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	