







**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			
<b>Favorable Weather Conditions</b>																
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			
<b>Congenial Weather Condition for Pests &amp; Diseases</b>																
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.															
<b>Weather Warning</b>																
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					