





Crop Weather Calendar of Pineapple: Sylhet Region (Districts: Sylhet, Moulvibazar) Bangladesh

Region: Sylhet	Pineapple																								Duration: 252-255 days					
Months	December				January				February				March				April				May- June				July-August					
Std. Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	25	26	27	28	31	32
Rainfall (mm)	1	5	1	4	0	1	1	1	3	4	8	12	11	11	18	34	49	66	59	79	86	103	108	122	130	138	130	110	124	103
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	31.8	32.1	32.5	32.0	31.7	31.5	31.6	31.9	31.9	31.9	31.7	32.0	32.3	32.8
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	20.0	20.8	21.4	21.8	21.8	22.0	22.7	23.2	25.0	25.0	25.0	25.2	25.1	25.3
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	25.9	26.5	26.9	26.9	26.7	26.7	27.1	27.5	28.4	28.5	28.4	28.6	28.7	29.0
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	91.7	92.3	92.2	93.1	93.2	94.0	94.6	94.7	96.2	96.0	95.9	96.0	96.4	96.2
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	50.9	53.5	54.7	58.2	59.7	63.1	64.2	65.6	73.7	74.0	73.9	73.4	72.4	70.9
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	71.3	72.9	73.5	75.6	76.5	78.5	79.4	80.2	84.9	85.0	84.9	84.7	84.4	83.5
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	47.0	50.5	51.0	48.5	46.5	45.0	43.5	43.5	27.5	23.5	25.0	27.0	33.0	33.5
WD (deg)	177	186	191	203	200	211	213	219	213	218	217	208	219	203	214	194	177	178	170	166	155	153	163	160	157	161	166	166	173	171
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	7.6	7.0	7.1	6.9	8.2	7.1	6.8	6.2	6.3	6.6	6.0	5.9	6.4	5.9
Phenological stages																														
	Inflorescence emergence				Flowering				Fruit development				Fruit ripening & harvesting																	

Congenial Weather Condition for Diseases	
Heart rot	Temperature 31.0°C to 34.0°C, hot, humid weather and relative humidity >90%.
Root rot	Temperature 21-34°C; relative humidity below 80% with cloudy weather
Base rot	Temperature (21.0 to 34°C), relative humidity >90% with dry weather
Fusariosis	Temp 31.0°C to 33.0°C; with warm weather
Pink disease	Temp 31.0°C to 33.0°C; with warm weather

Congenial weather for insect-pests	
Mealy bugs	Temp. 21.0 – 34.0°C, RH: 67-80%
Scale insects	Temp. 20.0 – 34.0°C, RH: 70 –82%
Thrips	Temp. 20.0 – 34.0°C, RH: 70 - 80%
Fruit borer	Temp. 31.0 – 33.5°C, RH:- 70-90%
Fruit fly	Temp. 31.0 - 34°C, RH:- 70-89%

Weather Warning	
Rainfall	> 45 mm
Cloudy Weather	Cloudy Weather
Relative Humidity	Maximum Humidity > 90% Minimum Humidity < 70%
Hail storm	Hail storm
High wind	> 20 km/hr
Temperature	Max. Temp. > 34 °C and Min. Temp. < 26 °C