





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

Region: Rangamati	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)	0	0	0	3	0	0	3	0	0	2	0	10	5	8	4	4	4	21	49	29	26	67	72	63	125	101	90	110	116	86
Max. Temp. (°C)	27.6	27.0	26.0	26.0	25.7	25.6	26.0	26.6	27.0	28.3	29.3	29.9	30.9	31.7	32.9	33.1	33.0	33.0	33.4	33.7	33.7	33.1	33.0	33.3	31.3	31.0	31.0	31.4	31.7	31.9
Min. Temp. (°C)	16.9	16.1	15.1	14.7	14.0	13.6	13.1	13.0	14.1	14.4	16.0	16.3	17.6	18.4	19.9	20.9	21.7	22.3	22.9	23.6	23.4	23.6	23.9	24.1	25.0	25.0	25.0	25.0	25.0	25.0
Mean Temp. (°C)	22.3	21.6	20.6	20.4	19.9	19.6	19.6	19.8	20.6	21.4	22.7	23.1	24.3	25.1	26.4	27.0	27.4	27.7	28.2	28.7	28.6	28.4	28.5	28.7	28.2	28.0	28.0	28.2	28.4	28.5
RHmax (%)	95.0	95.0	95.4	95.4	95.0	94.7	94.3	94.3	93.4	92.9	91.7	91.0	90.4	89.3	89.3	90.3	90.4	89.9	89.7	90.6	91.4	91.6	91.6	92.0	93.7	93.7	93.4	93.4	94.3	93.9
RHMin (%)	56.6	55.1	55.3	53.0	51.6	50.1	46.1	43.9	44.9	41.7	42.1	39.4	40.0	38.9	39.7	43.7	48.0	49.7	51.1	52.9	54.9	56.4	59.4	61.1	73.6	74.4	74.9	73.9	73.3	73.1
RHmean (%)	75.8	75.1	75.4	74.2	73.3	72.4	70.2	69.1	69.2	67.3	66.9	65.2	65.2	64.1	64.5	67.0	69.2	69.8	70.4	71.8	73.2	74.0	75.5	76.6	83.7	84.1	84.2	83.7	83.8	83.5
SShr (hrs)	53.0	53.0	50.0	53.0	52.0	50.0	53.0	56.0	53.0	57.0	56.0	56.0	59.0	58.0	56.0	52.0	50.0	55.0	54.0	55.0	54.0	50.0	50.0	44.0	29.0	28.0	24.0	26.0	32.0	32.0
WD (deg)	169	173	161	161	165	152	162	173	160	176	170	178	193	197	193	201	204	205	205	210	202	207	199	193	179	184	179	184	189	190
WS(Km/hr)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.3	3.7	4.44	4.81	5.4	5.6	5.6	6.1	6.1	5.6	5.6	5.6	5.7	6.1	5.7	5.6	5.6	5.4	5.4	5.6
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 28-34°C; relative humidity below 80% with cloudy weather
Base rot	Temperature (28.0 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. 28.0 – 34.0°C, RH: 67-80%
Scale insects	Temp. 28.0 – 34.0°C, RH: 70 –82%
Thrips	Temp. 27.0 – 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	> 20 mm
Cloudy Weather	Cloudy Weather
Relative Humidity	Maximum Humidity > 90% Minimum Humidity < 75%
Hail storm	Hail storm
High wind	> 20 km/hr
Temperature	Max. Temp. > 33 °C and Min. Temp. < 26 °C