






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

Region: Rangamati	Banana																								Duration: 338-340 days						
Months	February			March					April				May				June				July				August-January						
Std.Week/Normal	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	-2
Rainfall (mm)	2	0	10	5	8	4	4	4	21	49	29	26	67	72	63	59	72	122	134	125	101	90	110	144	124	116	86	87	106	100	0
Max. Temp. (°C)	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	32.9	33.0	32.0	31.7	31.3	31.0	31.0	31.4	31.3	31.3	31.7	31.9	31.3	31.4	32.0	25.6
Min. Temp. (°C)	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	24.4	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.9	25.0	25.0	25.0	25.0	25.0	25.0	13.6
Mean Temp. (°C)	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	28.7	29.0	28.5	28.4	28.2	28.0	28.0	28.2	28.2	28.1	28.4	28.5	28.2	28.2	28.5	19.6
RHmax (%)	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	92.1	92.3	93.0	94.0	93.7	93.7	93.4	93.4	93.9	93.9	94.3	93.9	93.4	94.3	94.0	94.7
RHMin (%)	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	65.9	67.7	69.6	72.7	73.6	74.4	74.9	73.9	75.4	74.6	73.3	73.1	74.0	73.4	73.1	50.1
RHmean (%)	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	79.0	80.0	81.3	83.4	83.7	84.1	84.2	83.7	84.7	84.3	83.8	83.5	83.7	83.9	83.6	72.4
SShr (hrs)	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	42.0	39.0	35.0	30.0	29.0	28.0	24.0	26.0	24.0	30.0	32.0	32.0	31.0	34.0	36.0	50.0
WD (deg)	176	170	178	193	197	193	201	204	205	205	210	202	207	199	193	191	195	192	186	179	184	179	184	185	186	189	190	187	187	187	152
WS(Km/hr)	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	5.6	5.0	5.6	5.6	5.7	5.6	5.6	5.4	5.6	5.4	5.4	5.6	5.6	4.8	4.8	3.7
Phenological stages																															
	Seedling (Sucker) stage											Vegetative (Vigorous growth) stage					Flower bud burst stage				Fruit formation stage		Fruit development maturity & harvesting stage								

Congenial Weather Condition for Diseases

Panama (Fusarium wilt disease)	Temperature 23.0°C to 29°C, humid weather and relative humidity >70%
Bunchy top virus	Temperature 23.0°C to 29°C, humid weather and relative humidity >70%
Sigatoka (leaf spot)	Temperature (23.0 to 29°C), relative humidity >80% and rainfall 30.0 mm
Anthracoese	Temp >25. 0°C with high humidity and frequent raining

Congenial weather for insect-pests

Banana leaf & fruit beetle (Banana scarring beetle)	Temp. 28.0 – 30.0°C, RH: 72-90%
Banana weevil	Temp. 27.0 – 30.0°C, RH: 75 –85%
Banana aphids	Temp. 27.0 – 30.0°C, RH: 70 - 90%
Banana thrips	Temp. 28.0 – 30.0°C, RH:- 80-90%
Banana skipper	Temp. 27.0 – 30.0°C, RH:- 70-90%

Weather Warning

Rainfall	> 30 mm
Cloudy Weather	Cloudy Weather
Relative Humidity	Maximum Humidity > 92% Minimum Humidity <70%
Hail storm	Hail storm
High wind	> 20 km/hr
Temperature	Max. Temp. > 35.0 °C and Min. Temp. < 15.0 °C