






## Crop Weather Calendar of Banana: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj) Bangladesh

Region: Dhaka	Papaya																								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)	4	3	12	4	4	10	14	21	25	21	32	43	46	56	55	76	70	73	87	81	78	83	74	91	82	67	60	77	63	61	0
Max. Temp. (°C)	27.2	28.3	28.9	30.0	31.5	32.3	33.4	33.2	33.9	34.6	34.1	33.8	33.6	33.7	33.7	33.2	33.5	33.4	32.8	32.2	32.2	32.1	32.0	31.7	32.2	32.2	32.2	31.9	32.3	32.5	23.9
Min. Temp. (°C)	14.3	15.5	16.5	17.5	18.6	19.8	21.3	21.8	22.9	23.5	23.7	23.6	23.7	24.2	24.6	24.9	25.4	25.8	25.9	26.2	26.2	26.1	26.2	26.0	26.0	26.2	26.7	26.2	26.2	26.1	12.0
Mean Temp. (°C)	20.7	21.9	22.7	23.7	25.0	26.1	27.3	27.5	28.4	29.0	28.9	28.7	28.6	28.9	29.2	29.0	29.4	29.6	29.3	29.2	29.2	29.1	29.1	28.9	29.1	29.2	29.4	29.0	29.3	29.3	17.9
RHmax (%)	92.1	91.7	91.1	90.0	89.9	89.2	89.6	90.3	91.3	91.4	91.4	91.7	92.3	92.8	92.9	93.5	93.8	94.0	94.5	94.4	94.7	94.7	94.1	94.5	94.3	94.0	94.1	94.4	94.8	94.4	94.3
RHMin (%)	39.4	39.7	38.9	36.0	35.5	35.9	38.9	44.5	45.9	47.1	52.0	55.1	56.7	58.6	60.4	63.5	65.0	66.7	69.9	71.5	72.9	73.5	73.1	73.5	71.1	71.0	71.6	72.2	71.2	70.0	48.8
RHmean (%)	65.7	65.7	65.0	63.0	62.7	62.5	64.3	67.4	68.6	69.2	71.7	73.4	74.5	75.7	76.7	78.5	79.4	80.3	82.2	83.0	83.8	84.1	83.6	84.0	82.7	82.5	82.8	83.3	83.0	82.2	71.6
SShr (hrs)	51.5	53.0	54.5	56.0	55.0	58.0	55.5	52.5	53.5	54.0	55.0	54.5	51.5	48.0	48.0	42.5	42.0	38.5	31.0	26.0	26.0	27.0	27.5	28.5	32.0	33.5	32.5	31.5	31.5	35.0	42.5
WD (deg)	236	234	228	234	230	223	206	188	181	175	167	156	159	164	156	155	157	161	157	157	158	162	157	161	159	156	165	157	165	164	238
WS(Km/hr)	4.5	5.0	5.3	5.0	5.4	5.7	6.2	6.5	6.5	6.6	6.6	6.7	6.8	6.5	6.4	6.1	5.8	5.6	6.3	6.5	6.5	5.8	5.9	6.1	5.9	6.1	5.8	5.6	5.4	5.5	4.0
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

<b>Panama (Fusarium wilt disease)</b>	Temperature 22.0°C to 29.5°C, humid weather and relative humidity >65%
<b>Bunchy top virus</b>	Temperature 22.0°C to 29°C, humid weather and relative humidity >65%
<b>Sigatoka (leaf spot)</b>	Temperature (22.0 to 29.5°C), relative humidity >65% and rainfall 30.0 mm
<b>Anthracoese</b>	Temp >25. 0°C with high humidity and frequent raining

### Congenial weather for insect-pests

<b>Banana leaf &amp; fruit beetle (Banana scarring beetle)</b>	Temp. 29.0 – 30.0°C, RH: 72-90%
<b>Banana weevil</b>	Temp. 27.0 – 30.0°C, RH: 70 –85%
<b>Banana aphids</b>	Temp. 27.0 – 30.0°C, RH: 70 - 90%
<b>Banana thrips</b>	Temp. 28.0 – 30.0°C, RH:- 80-90%
<b>Banana skipper</b>	Temp. 27.0 – 30.0°C, RH:- 70-90%

### Weather Warning

<b>Rainfall</b>	> 30 mm
<b>Cloudy Weather</b>	Cloudy Weather
<b>Relative Humidity</b>	Maximum Humidity > 92% Minimum Humidity <65%
<b>Hail storm</b>	Hail storm
<b>High wind</b>	> 20 km/hr
<b>Temperature</b>	Max. Temp. > 35.0 °C and Min. Temp. < 15.0 °C