






## Crop Weather Calendar of Banana: Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat) Bangladesh

Region: Rangpur	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	4	2	3	1	3	6	19	11	20	29	32	50	40	65	62	87	107	91	110	91	106	116	83	92	63	68	106	85	80	3
Max. Temp. (°C)	25.9	26.7	27.5	28.5	29.9	30.8	31.6	31.4	32.1	32.5	32.3	32.0	31.9	32.5	32.7	32.2	32.8	32.7	32.4	32.0	32.2	32.3	31.9	32.2	32.4	33.1	32.8	32.2	32.3	32.3	22.4
Min. Temp. (°C)	12.7	13.7	14.4	15.3	16.1	17.3	18.4	19.5	20.3	21.1	21.9	21.9	22.3	23.2	23.4	23.9	24.4	25.0	25.2	25.8	26.0	26.0	26.0	26.1	26.6	26.7	26.1	26.0	26.0	10.4	
Mean Temp. (°C)	19.3	20.2	21.0	21.9	23.0	24.0	25.0	25.4	26.2	26.8	27.1	27.0	27.1	27.8	28.1	28.0	28.6	28.8	28.8	28.9	29.1	29.2	29.0	29.1	29.2	29.8	29.7	29.1	29.2	29.2	16.4
RHmax (%)	94.3	93.7	92.9	91.4	89.8	88.7	88.1	87.7	88.5	88.4	89.9	90.9	92.5	92.2	92.9	92.8	93.3	93.9	94.2	94.9	94.7	95.0	94.8	94.5	94.5	94.1	94.4	95.0	95.1	95.0	96.0
RHMin (%)	48.0	47.1	45.3	42.8	39.6	40.8	42.5	48.8	49.7	50.7	56.7	59.0	62.0	62.0	62.9	65.8	66.7	69.0	70.7	73.7	73.6	73.8	74.6	73.3	71.9	69.9	70.9	73.1	73.2	72.4	57.8
RHmean (%)	71.2	70.4	69.1	67.1	64.7	64.7	65.3	68.3	69.1	69.5	73.3	75.0	77.3	77.1	77.9	79.3	80.0	81.4	82.4	84.3	84.1	84.4	84.7	83.9	83.2	82.0	82.7	84.1	84.2	83.7	76.9
SShr (hrs)	48.5	50.0	51.5	56.5	57.5	57.0	54.0	49.0	51.5	51.0	47.5	47.0	46.5	47.5	49.0	41.0	40.5	38.0	31.5	27.0	28.0	27.0	30.5	30.0	34.0	39.0	36.5	32.5	32.0	35.5	36.5
WD (deg)	192	201	201	201	207	196	179	152	148	141	135	118	115	120	118	119	123	125	125	127	131	143	137	138	138	142	141	137	143	142	214
WS(Km/hr)	6.6	7.5	7.2	7.7	7.8	8.2	8.7	8.7	8.3	8.4	8.3	8.6	7.8	7.7	7.9	6.8	7.4	6.9	7.4	7.1	7.1	6.8	6.8	7.8	6.8	7.3	6.8	7.1	6.6	6.6	5.7
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

<b>Panama (Fusarium wilt disease)</b>	Temperature 20.0°C to 29°C, humid weather and relative humidity >65%
<b>Bunchy top virus</b>	Temperature 20.0°C to 29°C, humid weather and relative humidity >65%
<b>Sigatoka (leaf spot)</b>	Temperature (20.0 to 29°C), relative humidity >80% and rainfall 35.0 mm
<b>Anthracoese</b>	Temp >24.0°C with high humidity and frequent raining

### Congenial weather for insect-pests

<b>Banana leaf &amp; fruit beetle (Banana scarring beetle)</b>	Temp. 27.0 – 30.0°C, RH: 72-90%
<b>Banana weevil</b>	Temp. 26.0 – 30.0°C, RH: 75 –85%
<b>Banana aphids</b>	Temp. 26.0 – 30.0°C, RH: 70 - 90%
<b>Banana thrips</b>	Temp. 27.0 – 30.0°C, RH:- 80-90%
<b>Banana skipper</b>	Temp. 26.0 – 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 <70%
<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