





Crop Weather Calendar of Papaya: Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh	Papaya																								Duration: 365-373 days					
Months	Feb.	March				April				May				June				July				August				September-February				
Std.Week/Normal	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	-12
Rainfall (mm)	11	17	20	30	40	36	55	62	69	97	81	96	103	98	85	109	99	89	100	72	74	67	81	75	63	65	79	87	71	11
Max. Temp. (°C)	31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	31.4	31.7	31.9	31.7	32.0	31.9	
Min. Temp. (°C)	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.3	26.3	26.0	26.0	26.0	26.0	26.0	25.1	25.0	19.9
Mean Temp. (°C)	25.9	26.1	27.0	27.6	27.5	27.3	27.3	27.8	28.2	28.2	28.5	28.8	28.7	28.7	28.5	28.6	28.7	28.7	28.6	29.1	29.2	29.2	29.0	29.0	28.7	28.9	29.0	28.4	28.5	25.9
RHmax (%)	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94	94.1	94.7	95	94.7	95	94.6	94.6	94.9	94.7	93.9	94.0	94.9	94.7	94.9	95.3	95.0	95.4	95.6	89.7
RHMin (%)	48.3	54.7	55	56.6	61.1	62.6	64.6	66	66.4	69.4	71.9	73	75.4	76.6	77.7	77.6	77	76.6	76.4	74.6	74.6	74.9	75.9	75.0	75.9	74.1	74.1	74.0	72.6	48.3
RHmean (%)	69.0	72.6	72.5	73.8	76.1	77.0	78.5	79.3	79.6	81.1	83.0	83.6	85.1	85.8	86.2	86.3	85.8	85.6	85.7	84.7	84.3	84.5	85.4	84.9	85.4	84.7	84.6	84.7	84.1	69.0
SShr (hrs)	48.0	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0	31.0	28.0	30.0	31.0	31.0	40.0	48.0
WD (deg)	179	165	149	146	143	128	126	134	131	126	130	142	138	143	144	156	152	152	151	153	149	148	157	155	151	157	156	167	181	179
WS(Km/hr)	6.3	6.1	7.2	6.8	7.2	7.6	7.4	6.8	7.4	7.4	6.8	6.1	7.4	6.8	7.2	7.2	6.8	7.2	6.1	6.1	6.1	6.1	5.7	6.1	5.6	5.6	5.4	4.4	4.3	6.3
Stages																														
	Seedling raising & transplantation					Vegetative stage								Flowering Stage				Fruit production and Harvesting												

Congenial Weather Condition for Diseases	
Fruit rot	Temperature 31.0°C to 36.0°C, hot, humid weather and relative humidity >80%.
Powdery mildew	Temperature 22-26°C; relative humidity below 70% with cloudy weather
Mosaic virus	Temperature (20.0 to 26°C), relative humidity >80% with dry weather
Leaf curl virus	Temp 20.0°C to 27.0°C; with warm weather

Congenial weather for insect-pests	
Mealybug	Temp. 20.0 – 26.0°C, RH: 65-70%
Papaya Whitefly	Temp. 20.0 – 26.0°C, RH: 50 –80%
Papaya Aphids	Temp. 20.0 – 24.0°C, RH: 60 - 70%
Red mite	Temp. 20.0 – 25.5°C, RH:- 80-90%
Root knot nematode	Temp. 19.0 - 26°C, RH:- 60-80%

Weather Warning	
Rainfall	> 45 mm
Cloudy Weather	Cloudy Weather
Relative Humidity	Maximum Humidity > 92% Minimum Humidity < 40%
Hail storm	Hail storm
High wind	> 20 km/hr
Temperature	Max. Temp. > 34 °C and Min. Temp. < 26 °C