









**Crop Weather Calendar of Kharif season Pointed gourd:Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur)**

Reg.: Mymensingh	Pointed gourd-Kharif season													Duration: 120-150 days							
Months	February				March					April				May			June				
Std.Week/Normal	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rainfall (mm)	2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0	20.0	30	40	36	55	62	69	97	81	96	103	98
Max. Temp. (°C)	25.9	26.6	27.4	28.1	29.1	30.3	31.0	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
Min. Temp. (°C)	13.0	13.7	15.0	15.9	16.6	17.4	18.6	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
Mean Temp. (°C)	19.5	20.2	21.2	22.0	22.9	23.9	24.8	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
RHmax (%)	92.6	92.1	91.4	90.6	90.6	90.6	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0
RHMin (%)	47.9	45.3	45.0	45.1	44.3	43.6	44.6	48.3	54.7	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6
RHmean (%)	70.3	68.7	68.2	67.9	67.6	67.1	67.4	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
SShr (hrs)	44.0	48.0	50.0	50.0	51.0	53.0	53.0	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
WD (deg)	228	218	222	210	214	202	208	179	165	149	146	143	128	126	134	131	126	130	142	138	143
WS(Km/hr)	3.7	3.9	4.4	5.4	5.0	5.4	5.6	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
																					
<b>Stage</b>	<b>Spouting &amp; Seedling</b>				<b>vegetative growth</b>					<b>Flowering &amp; fruiting</b>					<b>Harvesting</b>						
<b>Favourable Environment</b>																					
Temperature	Vine growth retarded below 15° C temperature, temperature, 25-35° C (Vegetative growth, Flowering & fruiting)																				
Relative Humidity	60-80%																				
Soil Temperature	20-25° C																				
Sunshine Hour	Minimum 6 to 8 hrs. (Vine transplanting), 8-10 hrs. (Vegetative growth, Flowering & fruiting)																				
<b>Favorable environmental conditions for insects and diseases</b>																					
Fruit fly	Temperature: 24-30° C, RH: 55-75%																				
Epilachna Beetle	Temperature: 25-30° C, RH: 55-65%																				
Mealy bug	Temperature: 20-32° C, RH: 55-60%																				
White fly	Temperature: 22-32° C, RH: 55-75%																				
Red mite	Temperature: 15-26° C, RH: 60-70%																				
Root knot (Nematode)	Temperature: 18-26° C, RH: 60-70%																				
Powdery Mildew	Temperature: 22-27° C, Low humidity at day time and High humidity at night																				
<b>Weather warning</b>																					
Rainfall (mm)	Early rainfall (20 to 25 mm)																				
Cloudy weather	Cloudy condition																				
Droughth	Drought due to excessive dry and warm weather (Pointed Gourd Drought Tolerant)																				
Duration of staying wet	Lands remain waterlogged for 2 to 3 days																				
Hailstorm	Early and seasonal rainfall with hailstorms																				
Windspeed (Km/hr.)	≥ 40 Km/hr																				
Temperature (°C)	Below 15°C																Above 35°C				

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Reg.: Mymensingh	Pointed gourd-Kharif													Duration: 120-150 days			
Months	June				July				August					September			
Std.Week/Normal	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Rainfall (mm)	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0	75.0	63.0	65.0	79.0	87.0
Max. Temp. (°C)	32.0	31.7	31.74	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	32.0	31.4	31.7	31.9	31.7
Min. Temp. (°C)	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
Mean Temp. (°C)	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
RHmax (%)	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9	94.7	94.9	95.3	95.0	95.4
RHMin (%)	73.0	75.4	76.6	77.7	77.6	77.0	76.6	76.4	74.6	74.6	74.9	75.9	75.0	75.9	74.1	74.1	74.0
RHmean (%)	83.6	85.1	85.8	86.2	86.3	85.8	85.6	85.7	84.7	84.3	84.5	85.6	84.9	85.4	84.7	84.6	84.7
SShr (hrs)	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	31.0	31.0	31.0
WD (deg)	142.0	138	143	144	156	152	152	151	153	149	148	157	155	151	157	156	167
WS(Km/hr)	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
																	
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