





Crop Weather Calendar of kharif Pointed gourd:Dinajpur Region (Districts:Rajshahi, Chapainawabgonj, Naoga, Natore) Bangladesh

Rongpur Region	kharif Pointed gourd																				Life Span 140-150 day			
Months	May					June				July				August				September						
Std. Week	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38			
Rainfall (mm)	31.0	36.0	57.0	55.0	73.0	57.0	77.0	111.0	96.0	109.0	105.0	81.0	84.0	70.0	60.0	93.0	103.0	71.0	66.0	61.0	73.0			
Max. Temp. (°C)	32.3	32.9	33.0	33.0	33.4	33.3	33.0	32.3	32.4	32.0	32.1	32.1	32.3	32.9	32.6	32.4	32.1	32.4	32.3	32.4	32.0			
Min. Temp. (°C)	22.3	22.9	23.6	24.0	24.4	25.0	25.1	25.6	26.0	26.0	26.0	26.0	26.0	26.3	26.7	26.1	26.0	26.0	26.0	25.7	25.1			
Mean Temp. (°C)	27.3	27.9	28.3	28.5	28.9	29.2	29.1	29.0	29.2	29.0	29.1	29.1	29.2	29.6	29.7	29.3	29.1	29.2	29.2	29.1	28.6			
RHmax (%)	92.3	92.0	92.1	92.4	92.7	93.4	93.9	94.7	94.4	95.1	94.6	94.4	94.7	94.1	94.0	95.0	95.7	95.6	95.6	96.1	96.0			
RHMin (%)	57.6	57.3	59.3	62.4	62.3	65.4	67.7	71.4	71.6	73.3	72.7	71.9	71.6	70.1	70.9	72.6	73.1	71.6	72.4	71.3	71.6			
RHmean (%)	75.0	74.7	75.7	77.4	77.5	79.4	80.8	83.1	83.0	84.2	83.7	83.2	83.2	82.1	82.5	83.8	84.4	83.6	84.0	83.7	83.8			
SShr (hrs)	49.0	51.0	48.0	44.0	42.0	40.0	35.0	27.0	31.0	27.0	29.0	31.0	36.0	36.0	37.0	34.0	34.0	37.0	37.0	36.0	33.0			
WD (deg)	118	115	119	108	117	111	118	120	121	127	121	126	134	132	132	134	139	141	133	143	146			
WS(Km/hr)	3.9	3.7	4.3	3.7	3.9	3.7	3.7	3.7	3.7	3.7	3.7	3.9	3.7	3.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7			
Stages																								
Favourable Environment	Vine growth retarded below 15°C temperature, temperature 25-35°C (Vegetative growth, Flowering & fruiting)																							
Temperature	60-80%																							
Relative Humidity	20-25°C																							
Soil Temperature	Minimum 6 to 8 hrs. (Vine transplanting), 8-10 hrs.(Vegetative growth, Flowering & fruiting)																							
Sunshine Hour																								
Favorable environmental conditions for insects and diseases																								
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																							
Weather warning																								
Rainfall (mm)	5-10mm (water logging)										Early rainfall (10-15mm)													
Cloudy weather	Cloudy condition																							
Droughth	Drought due to excessive dry and warm weather(Pointed Gourd Drought Tolerant)																							
Duration of staying wet	Land remain waterlogged for 2-3 days																							
Hailstorm	Early rainfall with hailstorm																							
Windspeed (Km/hr.)	≥40 Km/hr																							
Temperature (°C)	Below 15°C										Above 35°C													