









### Crop Weather Calendar of Rabi Pointed gourd: Bogura region (Districts: **Pabna, Sirajganj, Bogura, Joypurhat**)

Region: Bogura	Pointed Gourd- Rabi season												Duration: 120-150 days									
Month	November				December				January				February			March						
Std.Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
Rainfall (mm)	5.0	5.0	0.0	0.0	3.0	0.0	3.0	0.0	4.0	0.0	2.0	2.0	1.0	1.0	1.0	4.0	3.0	5.0	২.০	4.0	3.0	৬.০
Max. Temp. (°C)	31.0	30.7	30.1	29.7	28.9	27.7	26.3	25.0	25.7	24.0	24.0	24.3	25.4	25.9	26.9	27.7	28.6	29.3	30.9	31.9	32.9	32.9
Min. Temp. (°C)	21.0	19.9	18.3	17.3	15.7	15.0	14.1	12.0	13.4	12.0	11.4	11.4	12.0	12.9	13.6	14.6	15.4	16.4	17.4	18.3	20.0	21.1
Mean Temp. (°C)	26.0	25.3	24.2	23.5	22.3	21.4	20.2	18.7	19.6	18.1	17.7	17.9	18.7	19.4	20.3	21.2	22.0	22.9	24.2	25.1	26.5	27.0
RHmax (%)	94.3	94.6	94.1	93.5	93.9	93.7	94.6	94.3	94.6	94.1	94.3	94.3	93.9	93.1	92.1	91.4	90.4	88.7	89.1	86.4	86.3	87.7
RHMin (%)	55.6	52.4	49.9	48.3	47.5	48.1	50.6	50.6	50.0	50.9	49.0	47.7	46.0	44.9	41.4	40.3	39.1	38.0	36.93	37.1	39.1	45.3
RHmean (%)	75.0	73.5	72.0	71.1	70.5	70.9	72.6	72.5	72.3	72.5	71.7	71.1	70.0	69.0	66.8	65.9	64.8	63.4	63.0	61.8	62.7	66.5
SShr (hrs)	52.0	55.0	55.0	56.0	56.0	54.0	48.0	49.0	46.0	44.0	44.0	46.0	50.0	50.0	52.0	53.0	56.0	60.0	59.0	61.0	58.0	56.0
WD (deg)	186	200	202	205	217	222	232	249	248	258	247	239	252	249	233	234	229	235	230	225	205	176
WS(Km/hr)	4.4	3.7	3.7	3.7	3.7	3.7	3.9	3.7	3.7	4.3	5.4	4.8	5.0	5.4	5.6	5.6	6.7	5.7	6.3	6.7	6.7	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)	5-10mm (water logging)				Early rainfall (10-15mm)																	
Cloudy weather	Cloudy condition																					
Drought	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										

### Crop Weather Calendar of *Kharif*season Pointed gourd: Bogura region (Districts: **Pabna, Sirajganj, Bogura, Joypurhat**)

Region: Bogura	Pointed Gourd- <i>Kharif</i> season										Duration: 100-120 days												
Month	March					April					May					June				July			
Std.Week/Normal	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Rainfall (mm)	5.0	2.0	4.0	3.0	8.0	8.0	12.0	26.0	28.0	37.0	42.0	45.0	58.0	59.0	74.0	70.0	92.0	76.0	93.0	80.0	91.0	76.0	
Max. Temp. (°C)	29.3	30.9	31.9	32.9	32.9	33.9	34.3	34.0	33.6	33.1	33.6	33.4	33.3	33.9	33.4	32.7	32.3	32.3	32.0	31.9	32.0	32.1	
Min. Temp. (°C)	16.4	17.4	18.3	20.0	21.1	22.3	23.0	23.0	23.1	23.3	23.9	24.3	24.6	25.0	25.9	26.0	26.1	26.1	26.0	26.1	26.0	26.1	
Mean Temp. (°C)	22.9	24.2	25.1	26.5	27.0	28.1	28.7	28.5	28.4	28.2	28.8	28.9	29.0	29.5	29.7	29.4	29.2	29.2	29.0	29.0	29.0	29.1	
RHmax (%)	88.7	89.1	86.4	86.3	87.7	88.0	88.3	90.6	90.9	92.4	92.4	92.7	93.0	93.7	94.1	95.1	95.1	95.6	95.9	95.9	95.9	95.9	
RHMin (%)	38.0	36.9	37.1	39.1	45.3	44.4	45.9	50.7	54.9	57.3	58.7	60.0	63.4	64.6	66.7	70.4	72.4	73.9	73.3	74.1	74.4	73.3	
RHmean (%)	63.4	63.0	61.8	62.7	66.5	66.2	67.1	70.7	72.9	74.9	75.6	76.4	78.2	79.2	80.4	82.8	83.8	84.8	85.6	85.0	85.2	84.6	
SShr (hrs)	60.0	59.0	61	58.0	56.0	56.0	56.0	55.0	52.0	48.0	50.0	49.0	46.0	44.0	39.0	33.0	28.0	26.0	28.0	31.0	29.0	28.0	
WD (deg)	235	230	225	205	176	173	164	149	134	127	126	126	121	135	134	134	134	132	141	135	138	143	
WS(Km/hr)	5.7	6.3	6.7	6.7	6.8	6.7	6.3	6.8	7.4	7.2	7.4	6.7	6.3	6.3	6.3	7.2	6.3	6.7	5.6	5.6	6.8	6.1	
																							
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Windspeed (Km/hr.)	≥40 Km/hr																						
Temperature (°C)	Above 35°C																						