





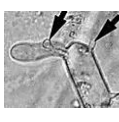




Crop Disease Weather Calendar of *Kharif* season Pointed gourd (Powdery mildew disease): Dinajpur Region (Districts: Rajshahi, Chapainawabgonj, Naoga, Natore) Bangladesh

Region: Dinajpur		<i>Kharif</i> season Pointed Gourd: Powdery mildew disease															Duration: 140-150 days										
Weather warning	Months	May					June					July					August					September					
		Max. Temp. (°C)	For infection: 32 °C and for disease development: 27 °C (warm, dry conditions)																								
		Min. Temp. (°C)	For infection: 10 °C and for disease development: 20 °C																								
		RH Max (%)	90% (Two hour or more hours of high humidity or dew on host)																								
		RH Min (%)	50%																								
		Rainfall (mm)	Lack of rainfall also favors the development of the disease																								
Weekly normal weather	Std. Week/Normal	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	26.3	26.7	26.1	26.0	26.0	26.0	26.0	25.7	25.1				
	RH max (%)	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				
	RH Min (%)	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				
	SS hr (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				
	Growth stage																										
		Spouting & Seedling					vegetative growth					Flowering & fruiting					Harvesting										
Disease Life cycle																											
		Spore deposition		Spore germination		Germ tube penetration		Disease development		Disease cycle continued up to fruiting stage																	