





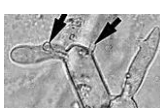








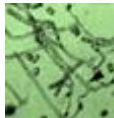
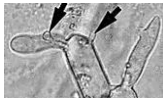





Crop Disease Weather Calendar of *Rabi season* Pointed gourd (Powdery mildew disease): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Region.: Mymensingh			Robi season Pointed Gourd (Root knot disease)													Duration: 120-150 days								
Weather warning	Months	February						March				April			May				June					
	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	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
	RH max (%)	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
	RH Min (%)	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
	SS hr (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
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																

Crop Disease Weather Calendar of *Kharif* season Pointed gourd (Powdery mildew disease): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Reg.: Mymensingh			Kharif season Pointed Gourd: Powdery mildew disease										Duration: 120-150 days							
Weather warning	Months	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	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
	RH max (%)	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
	RH mean (%)	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
	SS hr (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
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													