





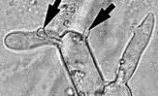









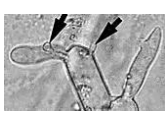





Crop Disease Weather Calendar of *Rabi* season Sweet Gourd (Powdery mildew disease): Chattogram region (Districts: Cox's Bazar, Chattogram, Feni, Noakhali, Lakshmipur), Bangladesh

Region: Chattogram		<i>Rabi</i> season Sweet Gourd: Powdery mildew disease												Duration:110-120 days						
Weather warning	Months	September				October				November				December						
	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
	Rainfall (mm)	118.3	92.7	73.3	73.7	60.3	66.7	75.7	26.0	19.3	21.7	14.3	9.0	11.7	1.0	4.0	2.3	2.0		
	Max. Temp. (°C)	31.3	31.4	31.9	31.9	32.1	32.2	31.9	31.9	31.5	31.2	30.5	29.9	29.0	28.6	27.8	26.9	26.6		
	Min. Temp. (°C)	25.3	25.2	25.1	25.2	25.1	25.0	24.8	23.3	22.8	21.6	20.2	19.2	18.0	17.0	16.3	15.3	14.9		
	RH max (%)	95.9	95.6	95.7	95.7	95.7	96.0	96.1	95.0	94.9	94.7	94.4	94.1	94.5	94.4	94.2	94.4	94.1		
	RH Min (%)	74.2	73.4	72.2	71.5	70.2	69.9	68.8	62.2	62.2	58.1	55.4	52.0	50.8	49.5	50.0	50.3	49.1		
	SS hr (hrs)	36.8	35.8	39.3	39.5	42.5	42.8	45.8	53.3	52.3	54.0	55.5	56.5	55.5	54.8	52.8	50.8	51.3		
Growth Stage																				
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 Sweet Gourd (Powdery mildew disease): Chattogram region (Districts: Cox's Bazar, Chattogram, Feni, Noakhali, Lakshmipur), Bangladesh

Region: Chattogram		<i>Kharif</i> season Sweet Gourd: Powdery mildew disease										Duration:120-125 days								
Weather warning	Months	April					May					June			July					
	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	14	15	16		17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Rainfall (mm)	21.3	27.0	34.3		36.0	62.7	61.3	70.3	88.7	88.0	119.3	161.0	180.7	197.3	201.7	156.0	189.0	173.3	
	Max. Temp. (°C)	32.1	32.6	32.7		32.9	32.8	32.9	32.8	32.5	32.3	32.1	31.5	31.3	30.9	30.7	31.1	30.7	30.9	
	Min. Temp. (°C)	23.5	24.0	24.4		24.5	24.5	24.8	25.2	25.2	25.6	25.6	25.4	25.4	25.2	25.4	25.3	25.2	25.3	
	RH max (%)	93.3	92.9	92.6		92.8	92.9	93.3	93.5	93.9	94.0	94.9	95.3	95.1	95.9	96.0	95.7	96.1	95.8	
	RH Min (%)	60.1	60.5	61.6		62.0	62.3	64.1	66.1	68.9	70.2	71.9	74.8	75.3	77.3	77.7	76.4	77.6	76.3	
	SS hr (hrs)	56.0	56.0	54.8		55.3	52.8	55.0	48.0	42.8	40.3	36.8	28.0	28.0	25.3	24.0	29.0	25.5	30.0	
Growth Stages																				
Disease Life cycle																				
		Spore deposition			Spore germination		Germ tube penetration		Disease development		Disease cycle continued up to fruiting stage									