










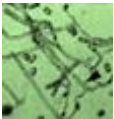
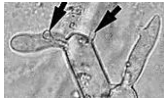





Crop Disease Weather Calendar of Rabi Sweet Gourd (Powdery mildew disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Rabi season Sweet Gourd: Powdery mildew disease																		Duration:120-150 days	
Weather warning	Months	October				November				December				January				February			
	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	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	
	Rainfall (mm)	25.0	18.0	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	
	Max. Temp. (°C)	32.0	31.6	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	
	Min. Temp. (°C)	23.4	21.7	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	
	RH max (%)	95.7	95.1	94.3	94.6	94.1	93.9	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	
	RH Min (%)	62.1	57.9	55.6	52.4	49.9	48.3	47.0	48.1	50.6	50.6	50.0	50.9	49.0	47.7	46.0	44.9	41.4	40.3	39.1	
	SS hr (hrs)	54.0	57.0	52.0	55.0	55.0	56	56	54	48	49.0	46.0	44.0	44.0	46.0	50.0	50.0	52.0	53.0	56.0	
	Growth Stage																				
Germination & 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 Sweet Gourd (Anthracnose disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Kharif season Sweet Gourd: Powdery mildew disease											Duration:100-120 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)	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)	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)	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
	RH max (%)	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
	RH Min (%)	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
	SS hr (hrs)	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
Growth Stage																				
	Germination and 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											