




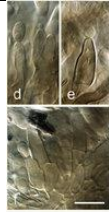











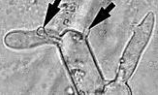






Crop Disease Weather Calendar of Rabi Sweet Gourd (Anthracnose disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Rabi season Sweet Gourd: Anthracnose disease															Duration:120-150 days				
Weather warning	Months	October				November				December				January			February				
	Max. Temp. (°C)	31 °C for disease development																			
	Min. Temp. (°C)	21 °C for disease development:																			
	RH Max (%)	Initial infection required 95% or above relative humidity for 24 hrs.																			
	RH Min (%)	65%																			
	Rainfall (mm)	Frequent rainy and warm weather alone with prolonged leaf wetness favored disease development																			
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 Stages																				
Germination & Seedling		vegetative growth						Flowering & fruiting						Harvesting							
Disease Life cycle																					
	Spore landing		Spore germination		penetration		Disease development		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage												

Crop Disease Weather Calendar of Kharif Sweet Gourd (Anthracnose disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Kharif Sweet Gourd (Anthracnose disease)										Life cycle of crop: 100-120 days							
Weather warning	Months	April					May					June		July					
	Max. Temp. (°C)	31 °C for disease development																	
	Min. Temp. (°C)	21 °C for disease development:																	
	RH Max (%)	Initial infection required 95% or above relative humidity for 24 hrs.																	
	RH Min (%)	65%																	
	Rainfall (mm)	Frequent rainy and warm weather alone with prolonged leaf wetness favored disease development																	
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	
Stage																			
	Germination & Seedling	vegetative growth					Flowering & fruiting					Harvesting							
Disease Life cycle																			
		Spore landing	Spore germination	penetration	Disease development	After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage													