




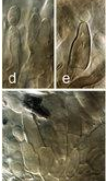











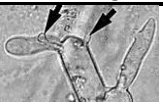





Crop Disease Weather Calendar of *Rabi* season Sweet Gourd (Anthracnose disease): Dhaka region (Districts: Dhaka, Narayanganj, Gazipur, Kishoreganj, Narsingdi, Munshiganj, Manikganj, Tangail), Bangladesh

Region: Dhaka		<i>Rabi</i> season Sweet Gourd: Anthracnose disease														Duration:120-150 days						
Weather warming	Months	October				November				December				January			February			March		
	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	9	10
	Rainfall (mm)	40.5	26.0	12.5	10.0	6.0	1.5	4.5	1.5	4.5	1.5	3.5	1.0	0.0	0.0	0.5	3.5	3.5	2.5	12.0	3.5	4.0
	Max. Temp. (°C)	32.0	31.5	30.9	30.6	29.8	29.0	28.3	27.6	26.2	25.5	24.8	24.0	23.9	24.5	25.0	26.2	27.2	28.3	28.9	30.0	31.5
	Min. Temp. (°C)	23.8	22.3	21.5	20.5	28.7	17.7	16.1	15.5	14.7	13.5	12.9	12.4	12.0	12.0	12.1	13.6	14.3	15.5	16.5	17.5	18.6
	RH max (%)	95.0	94.8	94.5	95.0	94.7	94.6	94.3	94.8	95.3	95.1	95.0	94.6	94.3	93.8	93.4	92.4	92.1	91.7	91.1	90.0	89.9
	RH Min (%)	60.2	55.5	54.6	51.5	49.3	47.5	46.3	47.6	49.4	49.8	49.1	50.3	48.8	46.2	43.3	42.3	39.4	39.7	38.9	36.0	35.5
	SS hr (hrs)	47.5	54.0	49.5	51.5	51.5	52.0	51.5	48.5	46.5	44.5	44.5	42.5	42.5	45.0	49.0	49.5	51.5	53.0	54.5	56.0	55.0
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* season Sweet Gourd (Anthracnose disease): Dhaka region (Districts: Dhaka, Narayanganj, Gazipur, Kishoreganj, Narsingdi, Munshiganj, Manikganj, Tangail), Bangladesh

Region: Dhaka		<i>Kharif</i> season Sweet Gourd: Anthracnose disease																			Duration:120-150 days					
Weather warning	Months	March					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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
	Rainfall (mm)	3.5	4.0	9.5	13.5	20.5	25.0	21.0	31.5	42.5	46.0	55.5	55.5	75.5	70.0	72.5	86.5	81.0	77.5	82.5	73.5	91.0	81.5			
	Max. Temp. (°C)	30.0	31.5	32.3	33.4	33.2	33.9	24.6	34.1	33.8	33.6	33.7	33.7	33.2	33.5	33.4	32.8	32.2	32.2	32.1	32.0	31.7	32.2			
	Min. Temp. (°C)	17.5	18.6	19.8	19.8	21.8	22.9	23.5	23.7	23.6	23.7	24.2	24.6	24.9	25.4	25.8	25.9	26.2	26.2	26.1	26.2	26.0	26.0			
	RH max (%)	90.0	89.9	89.2	89.6	90.3	91.3	91.4	91.4	91.7	92.3	92.8	92.9	93.5	93.8	94.0	94.5	94.4	94.7	94.7	94.1	94.5	94.3			
	RH Min (%)	36.0	35.5	35.9	38.9	44.5	45.9	47.1	52.0	55.1	56.7	58.6	60.4	63.5	65.0	66.7	69.9	71.5	72.9	73.5	73.1	73.5	71.1			
	SS hr (hrs)	56.0	55.0	58.0	55.5	52.5	53.5	54.0	55.0	54.5	51.5	48.0	48.0	42.5	42.0	38.5	31.0	26.0	26.0	27.0	27.5	28.5	32.0			
	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																	