



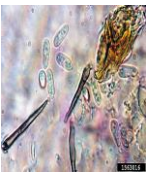

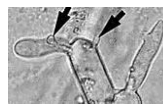







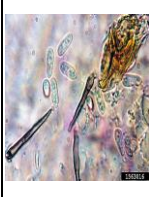

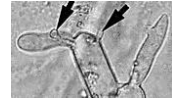






Crop Disease Weather Calendar of *Rabi* season Sweet Gourd (Anthracnose disease): Chattogram region (Districts: Cox's Bazar, Cattogram, Feni, Noakhali, Lakshmipur), Bangladesh

Region: Chattogram		<i>Rabi</i> season Sweet Gourd: Anthracnose disease													Duration:110-120 days					
Weather warning	Months	September					October					November			December					
	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	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		
	RHmax (%)	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		
	RHMin (%)	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		
	SShr (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 Stages																				
Disease Life cycle																				
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): Chattogram region (Districts: Cox's Bazar, Cattogram, Feni, Noakhali, Lakshmipur), Bangladesh

Region: Chattogram		Kharif season Sweet Gourd: Anthracnose disease										Life cycle of crop: 100-125 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)	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
	Stage																	
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											