





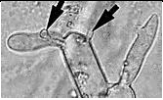







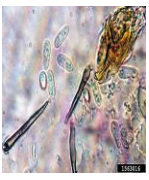
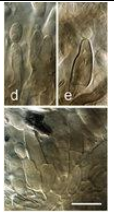
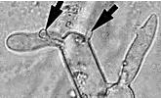






Crop Disease Weather Calendar of Rabi Sweet Gourd (Anthracnose disease): Khulna Region (Districts: Khulna, Norail, Bagerhat, Sathkhira) Bangladesh

Region: Khulna		<b>Rabi season Sweet Gourd: Anthracnose disease</b>																Duration:100-120 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							
	Rainfall (mm)	31.5	26.5	9.5	13.0	8.0	3.0	3.5	1.0	4.0	0.0	1.0	3.0	1.5	0.0	3.5	5.5	6.5							
	Max. Temp. (°C)	32.4	31.7	31.0	31.0	30.1	29.5	28.5	27.7	27.0	26.0	25.6	25.0	25.0	25.8	26.2	27.0	27.7							
	Min. Temp. (°C)	24.2	22.5	21.5	20.6	19.3	18.0	16.3	15.3	14.5	13.4	12.6	12.2	12.2	12.7	12.4	13.9	14.5							
	RH max (%)	96.2	96.3	96.0	95.6	95.9	95.8	95.5	94.7	95.7	95.8	95.7	95.4	95.2	94.9	94.9	95.1	94.5							
	RH Min (%)	63.3	59.2	57.4	53.9	51.3	49.0	46.7	47.3	48.8	49.2	47.8	48.7	46.9	46.8	44.3	44.9	43.4							
	SS hr (hrs)	49.5	52.5	48.5	53.5	52.5	53.5	53.0	52.0	49.5	48.0	48.5	47.0	46.5	49.5	53.0	52.5	53.5							
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): Khulna Region (Districts: Khulna, Norail, Bagerhat, Sathkhira) Bangladesh**

Region: Khulna		Kharif season Sweet gourd: Anthracnose disease																Duration:100-120 days	
Weather warning	Months	February				March				April				May					
	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	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
	Rainfall (mm)	5.5	6.5	5.0	13.5	6.5	2.5	6.5	13.5	16.0	12.5	12.5	17.5	25.0	31.5	32.5	37.0	47.5	
	Max. Temp. (°C)	27.0	27.7	29.0	30.1	31.0	32.4	33.4	34.1	34.0	35.0	35.2	35.2	35.2	35.1	35.2	35.3	35.1	
	Min. Temp. (°C)	13.9	14.5	16.2	17.0	18.1	19.4	20.4	22.0	22.7	24.0	24.3	24.9	25.0	25.0	25.3	25.8	26.0	
	RH max (%)	95.1	94.5	94.3	94.3	93.7	93.7	93.5	94.5	94.1	94.3	93.7	93.3	93.2	93.0	93.1	93.4	93.7	
	RH Min (%)	44.9	43.4	43.9	41.8	40.7	40.7	40.2	44.2	47.3	48.8	49.2	52.4	53.7	55.3	57.4	57.9	60.7	
	SS hr (hrs)	52.5	53.5	55.5	55.5	57.5	57.5	59.0	57.0	56.5	59.0	60.0	61.5	58.0	59.5	56.5	55.0	47.0	
Stage																			
	<b>Germination &amp; Seedling</b>	<b>vegetative growth</b>						<b>Flowering &amp; fruiting</b>				<b>Harvesting</b>							
Disease Life cycle																			
		<b>Spore landing</b>	<b>Spore germination</b>	<b>penetration</b>	<b>Disease development</b>	<b>After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage</b>													