



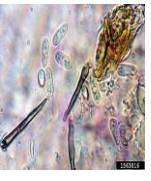

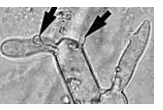










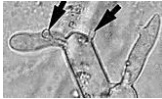






## Crop Disease Weather Calendar of *Rabi* season Sweet Gourd (Anthracnose disease): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur)

Region Mymensingh		<i>Rabi</i> season Sweet Gourd: Anthracnose disease														Duration: 130-150 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	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8
	Rainfall (mm)	71.0	52.0	45.0	15.0	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	2.0	1.0	5.0	7.0
	Max. Temp. (°C)	32.0	31.7	31.6	31.1	30.9	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1
	Min. Temp. (°C)	25.0	24.3	23.4	21.7	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9
	RH max (%)	95.6	95.3	95.3	95.4	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6
	RH Min (%)	72.6	70.3	66.7	62.7	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.9	45.3	45.0	45.1
	SS hr (hrs)	40.0	41.0	47.0	53.0	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0
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): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur)

Region Mymensingh		<i>Kharif</i> season Sweet Gourd: Anthracnose disease														Duration: 120-150 days							
Weather warning	Months	April				May						June				July			August				
	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	31	32	33	34	
	Rainfall (mm)	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0	
	Max. Temp. (°C)	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	
	Min. Temp. (°C)	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.3	26.3	26.0	
	RH max (%)	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9	
	RH Min (%)	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6	77.7	77.6	77.0	76.6	76.4	74.6	74.6	74.9	75.9	
	SS hr (hrs)	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0	
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													