



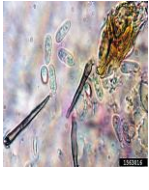












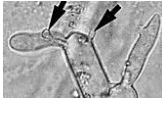






## Crop Disease Weather Calendar of *Rabi* season Sweet Gourd (Anthracnose disease): Sylhet region (Districts: Sylhet, Moulvibazar, Habiganj, Sunamganj)

Region: Sylhet		Rabi season Sweet gourd: Anthracnose disease														Duration:110-120 days		
Weather warning	Months	October				November				December				January				
	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
	Rainfall (mm)	63.0	60.0	36.5	24.5	12.0	14.5	8.5	0.5	7.0	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0
	Max. Temp. (°C)	31.9	31.7	31.6	31.4	30.9	30.1	29.6	29.0	28.2	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8
	Min. Temp. (°C)	24.0	23.4	22.7	21.2	20.4	19.1	17.3	16.6	15.3	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1
	RH max (%)	96.4	96.1	96.0	95.6	95.4	95.2	95.2	95.3	95.5	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9
	RH Min (%)	96.4	96.1	66.5	63.1	61.9	59.2	56.2	54.4	53.5	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1
	SS hr (hrs)	71.2	68.7	49.5	54.5	52.5	55.5	55.5	56.5	56.0	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0
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									

## Crop Disease Weather Calendar of *Kharif* season Sweet Gourd (Anthracnose disease): Sylhet region (Districts: Sylhet, Moulvibazar, Habiganj, Sunamganj)

Region Sylhet		<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													