



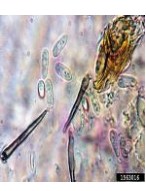










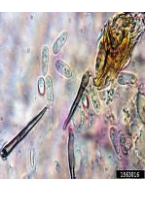

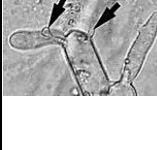




**Crop Weather Calendar of Rabi Chili(Anthracnose disease):Sylhet Region (Districts: Sylhet, Molvi bazar, Habigonj, Sunamgonj) Bangladesh**

Sylhet Region		Rabi season Chilli: Anthracnose disease										Life span 150-160 days														
Weather warning	Months	December					January					February					March					April				
	Max. Temp. (°C)	28 °C to 32 °C for disease development																								
	Min. Temp. (°C)	22 °C to 25 °C for disease development																								
	RH Max (%)	Initial infection required 95% or above relative humidity for 24 hrs.																								
	RH Min (%)	80%																								
	Rainfall (mm)	Frequent rainy and warm weather alone with prolonged leaf wetness favored disease development																								
Weekly normal weather	Std.Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
	Rainfall (mm)	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0	2.5	4.0	8.0	11.5	11.0	10.5	17.5	34.0	48.5	65.5	59.0	78.5	85.5				
	Max. Temp. (°C)	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8	26.5	27.2	28.2	28.9	30.0	31.0	31.6	32.1	31.8	32.1	32.5	32.0	31.7				
	Min. Temp. (°C)	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1	12.1	12.6	13.7	14.4	15.4	16.7	18.0	19.2	20.0	20.8	21.4	21.8	21.8				
	RHmax (%)	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9	94.3	92.9	92.8	92.5	91.7	90.9	90.7	90.2	91.7	92.3	92.2	93.1	93.2				
	RHMin (%)	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1	45.8	42.3	42.5	41.7	40.8	41.1	41.0	45.0	50.9	53.5	54.7	58.2	59.7				
	SShr (hrs)	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0	50.5	55.0	53.5	55.5	56.0	55.0	56.0	51.0	47.0	50.5	51.0	48.5	46.5				
Stage																										
	Spouting & Seedling					vegetative growth					Flowering & fruiting					Harvesting										
Disease cycle																										
	Spore landing					Spore germination		penetration		Disease development		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage														

**Crop Weather Calendar of Kharif Chili(Anthracnose disease): Sylhet Region (Districts: Sylhet, Molvi bazar, Habigonj, Sunamgonj) Bangladesh**

Sylhet Region		Kharif season Chili: Anthracnose disease																	Life span 150-160 days						
Weather warning	Months	April					May					June				July			August						
	Max. Temp. (°C)	28 °C to 32 °C for disease development																							
	Min. Temp. (°C)	22 °C to 25 °C for disease development																							
	RH Max (%)	Initial infection required 95% or above relative humidity for 24 hrs.																							
	RH Min (%)	80%																							
	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	35		
	Rainfall (mm)	65.5	59.0	78.5	85.5	102.5	107.5	122.0	116.5	148.5	152.0	168.0	129.5	137.5	130.0	110.0	129.5	129.0	123.5	103.0	118.5	105.0	96.0		
	Max. Temp. (°C)	32.1	32.5	32.0	31.7	31.5	31.6	31.9	32.2	31.5	31.9	31.6	31.9	31.9	31.7	32.0	31.8	32.2	32.3	32.8	32.2	32.2	32.5		
	Min. Temp. (°C)	20.8	21.4	21.8	21.8	22.0	22.7	23.2	23.6	24.0	24.4	24.9	25.0	25.0	25.0	25.2	25.0	25.0	25.1	25.3	25.2	25.0	25.0		
	RHmax (%)	92.3	92.2	93.1	93.2	94.0	94.6	94.7	94.9	95.2	95.8	96.0	96.2	96.0	95.9	96.0	96.1	96.2	96.4	96.2	96.4	96.3	96.3		
	RHMin (%)	53.5	54.7	58.2	59.7	63.1	64.2	65.6	67.2	70.6	71.8	73.6	73.7	74.0	73.9	73.4	74.2	72.6	72.4	70.9	72.8	73.0	72.4		
	SShr (hrs)	50.5	51.0	48.5	46.5	45.0	43.5	43.5	38.5	33.5	31.5	26.0	27.5	23.5	25.0	27.0	26.0	30	33.0	33.5	29.5	32.5	33.5		
Stage																									
	Spouting & Seedling					vegetative growth					Flowering & fruiting					Harvesting									
Disease cycle																									
	Spore landing					Spore germination					penetration					Disease development					After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage				