














Disease Weather Calendar of *Rabi* season Soybean (Anthracnose disease): Chattogram Region (Districts: Chattogram, Cox's Bazar, Noakhali, Feni, Lakshmpur) Bangladesh

Region: Chattogram		<i>Rabi</i> season Soybean: Anthracnose disease										Life span:100-120 days							
Weather warning	Months	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 (exceed 12 hrs/day) favored disease development																	
Weekly normal weather	Std. Week/Normal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
	Rainfall (mm)	0.3	0.7	0.7	1.3	2.0	1.3	2.3	8.3	4.7	5.3	6.3	13.3	21.3	21.3	27.0	34.3	36.0	
	Max. Temp. (°C)	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	32.1	32.6	32.7	32.9	
	Min. Temp. (°C)	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	23.5	24.0	24.4	24.5	
	RH max (%)	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	93.3	92.9	92.6	92.8	
	RH Min (%)	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	60.1	60.5	61.6	62.0	
	SS hr (hrs)	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	56.0	56.0	54.8	55.3	
Stage																			
	Germination and Emergence		vegetative growth					Flowering & Pod Formation					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		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage		