








Crop Weather Calendar of Rabi Chilli(**Anthracnose disease**): Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna&Bhola ) Bangladesh

Barisal Region		<b>Rabi season Chilli: Anthracnose disease</b>																Life span 180-185 day				
Weather warning	Months	November				December				January				February				March				
	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	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
	Rainfall (mm)	100.0	9.0	6.0	7.0	1.7	4.0	1.3	0.7	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3	18.0
	Max. Temp. (°C)	31.2	29.6	29.3	28.3	27.8	27.0	26.2	25.7	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0	32.9
	Min. Temp. (°C)	26.0	19.6	18.4	16.7	15.6	14.9	14.0	13.1	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1	22.8
	RHmax (%)	97.4	97.8	97.8	97.8	98.0	97.9	98.2	98.2	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5	96.5
	RHMin (%)	78.9	56.6	53.7	51.8	50.6	50.9	50.7	50.3	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7	54.4
	SShr (hrs)	26.0	49.0	50.0	51.3	48.7	46.3	44.3	43.7	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3	50.7
		6.4	2.7	3.3	3.6	3.1	3.4	3.3	3.9	4.5	4.4	4.5	4.3	5.0	4.6	4.9	4.9	5.1	5.2	5.4	6.3	6.7
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 KharifChilli (**Anthracnose disease**): Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna& Bhola ) Bangladesh

Barisal Region		Rabi season Chilli: Anthracnose disease																	Life span 180-200 day										
Weather warning	Months	April				May				June				July				August				September				October			
	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	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
	Rainfall (mm)	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	105.3	129.7	126.3	129.0	91.7	111.7	115.0	100.0	92.7	95.7	82.3	81.0	73.0	77.7	72.3	75.0	55.3	57.3	41.0	25.0
	Max. Temp. (°C)	33.5	33.5	33.6	33.4	33.4	33.2	33.3	32.8	31.9	31.3	31.0	31.0	31.1	30.08	31.0	31.2	31.2	31.2	31.5	31.5	31.2	31.5	32.0	32.0	31.9	32.1	32.0	31.7
	Min. Temp. (°C)	24.6	24.4	24.4	25.1	25.2	25.7	26.0	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9	26.0	25.5	25.2	25.2	24.3	22.9
	RHmax (%)	96.0	96.0	96.1	96.2	96.1	96.2	96.5	96.4	96.6	97.0	97.3	97.4	97.4	97.4	97.6	97.4	97.3	97.2	97.3	97.3	97.4	97.7	97.6	98.0	97.9	98.0	97.8	97.8
	RHMin (%)	61.9	62.5	64.2	65.9	67.5	69.6	70.9	73.2	76.9	79.2	80.6	80.7	79.4	81.0	80.0	78.9	78.6	79.0	77.6	77.4	77.6	76.4	74.6	73.9	72.3	70.4	68.0	63.7
	SShr (hrs)	54.7	51.7	49.0	48.0	46.0	37.3	37.3	30.7	23.0	21.3	20.3	20.3	23.3	21.0	25.3	26.0	25.7	26.0	27.3	29.0	28.3	29.3	29.7	33.0	36.7	41.3	44.7	48.7
	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											