




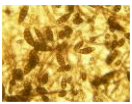
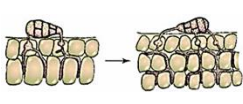




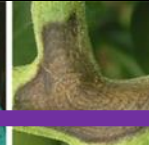





## Crop disease weather calendar of the Rabi season Tomato (Early blight disease): Barisal Region (Districts: Patuakhali, Barisal, Jhalokhati, Pirozpur, Borguna, Bhola) Bangladesh

Region: Barisal					Rabi season Tomato: Early blight disease										Duration: 150 to 180 days						
Weather warning	Month	December				January			February			March				April					
	Max. Temp. (°C)	30 °C																			
	Min. Temp. (°C)	24 °C																			
	RH Max (%)	90% or above (wet and humid condition)																			
	RH Min (%)	85%																			
	Rainfall (mm)	Moderate to heavy rainfall during growing stage																			
Weekly normal weather	Std. Week	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Rainfall (mm)	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	18.0	21.7	25.0
	Max. Temp. (°C)	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	33.3	33.7	33.5
	Min. Temp. (°C)	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	23.7	24.0	24.6
	RHmax (%)	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	96.6	96.4	96.0
	RHMin (%)	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	58.0	59.0	61.9
	SShr (hrs)	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	53.0	51.3	54.7
Stages																					
	Spouting & Seedling				Vegetative growth						Flowering and Fruiting					Harvesting					
Disease life Cycle																					
						Spore association with host	Spore germination	Germ tube formation & Penetration		Disease development	After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage										