



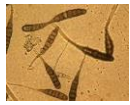
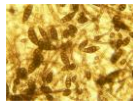
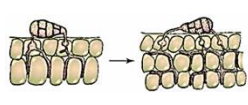








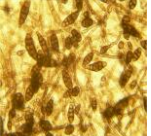
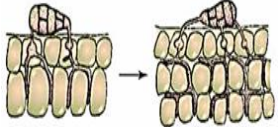









Crop disease weather calendar of the Rabi season Tomato (Early blight disease): Rajshahi region (Districts: Rajshahi, Chapai Nawabganj, Naogaon, Natore), Bangladesh

Region: Rajshahi						Rabi season Tomato: Early blight disease										Duration: 120 to 150 days										
Weather warning	Month	November					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/Normal	44	45	46	47	48	49	50	51	52	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
	Rainfall (mm)	7.0	5.0	1.0	0.0	2.0	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0	14.0	13.0	10.0	19.0
	Max. Temp. (°C)	31.7	31.0	29.6	28.9	28.3	27.0	26.0	25.4	24.4	24.0	23.0	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6	35.0	36.1	36.7	36.4
	Min. Temp. (°C)	23.1	21.4	17.6	16.6	15.0	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4	20.6	22.1	23.0	23.4
	RH max (%)	96.1	96.0	95.7	95.3	94.7	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3	89.1	88.9	89.0	90.1
	RH Min (%)	60.9	57.4	49.4	47.4	45.6	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4	35.9	34.3	34.6	41.4
	SS hr (hrs)	53.0	56.0	54.0	55.0	55.0	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0	52.0	57.0	57.0	57.0
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															

Crop disease weather calendar of the Kharif season Tomato (Early blight disease): Rajshahi region (Districts: Rajshahi, Chapai Nawabganj, Naogaon, Natore), Bangladesh

Region: Rajshahi		Kharif season Tomato: Early blight disease														Duration: 120 to 150 days							
Weather warning	Month	May							June							July				August			
	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/Normal	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
	Rainfall (mm)	24.0	29.0	33.0	36.30	34.0	48.0	51.0	78.0	72.0	66.0	71.0	75.0	72.0	52.0	57.0	64.0	53.0	57.10				
	Max. Temp. (°C)	35.4	35.3	35.1	35.0	35.3	35.0	33.9	33.1	33.0	32.7	32.9	32.3	32.6	32.9	32.9	32.7	33.0	33.0				
	Min. Temp. (°C)	23.7	24.3	24.6	25.0	25.4	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.0	26.1	26.0				
	RH max (%)	92.1	92.7	93.3	93.1	93.7	94.6	95.4	96.1	96.6	96.6	96.9	97.0	96.9	96.7	96.6	96.7	96.1	96.4				
	RH Min (%)	50.0	51.9	55.6	58.3	58.9	62.6	67.9	71.1	73.4	73.7	74.3	75.3	73.9	72.6	72.6	74.1	72.0	70.9				
	SS hr (hrs)	52.0	53.0	54.0	48.0	51.0	48.0	35.0	31.0	31.0	30.0	30.0	30.0	34.0	34.0	36.0	33.0	34.0	40.0				
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																