





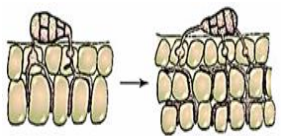






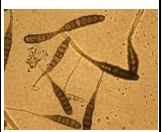
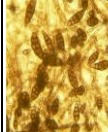
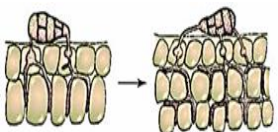




## Crop disease weather calendar of the Rabi season Tomato (Early blight disease): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, magura, Kustia) Bangladesh

Region: Jessore		Rabi season Pointed Gourd: Early blight disease													Duration: 140-150 days								
Weather warning	Months	November					December					January			February		March						
	Max. Temp. (°C)	Soil temperature: 28 <sup>o</sup> C, hot summer is long and winter is short and mild																					
	Min. Temp. (°C)	Soil temperature: 16 <sup>o</sup> C																					
	RH Max (%)	90%																					
	RH Min (%)	70%																					
	Rainfall (mm)	-----																					
Weekly normal weather	Std. Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
	Rainfall (mm)	9.0	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0
	Max. Temp. (°C)	31.1	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4	33.6	34.7	34.6
	Min. Temp. (°C)	20.7	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7	19.0	20.8	21.8
	RH max (%)	95.9	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5	92.1	92.1	92.4
	RH Min (%)	56.2	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4	34.9	36.7	42.0
	SS hr (hrs)	45.5	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	48.5	49.5	50.0	54.5	55.0	54.0	55.0	53.0	51.5
Growth stage																							
	Spouting & Seedling			vegetative growth					Flowering & 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): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, magura, Kustia) Bangladesh

Region: Jessore		Kharif season Pointed Gourd: Early blight disease																Duration: 140-150 days	
Weather warning	Months	March				April				May				June					
	Max. Temp. (°C)	Soil temperature: 28 <sup>o</sup> C, hot summer is long and winter is short and mild																	
	Min. Temp. (°C)	Soil temperature: 16 <sup>o</sup> C																	
	RH Max (%)	90%																	
	RH Min (%)	70%																	
	Rainfall (mm)	-----																	
Weekly normal weather	Std. Week/Normal	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Rainfall (mm)	4.0	2.5	4.5	11.5	12.0	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	72.5
	Max. Temp. (°C)	31.0	32.4	33.6	34.7	34.6	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6	35.3	34.0	33.3	33.0
	Min. Temp. (°C)	16.4	17.7	19.0	20.8	21.8	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0	26.2	26.2	26.1	26.2
	RH max (%)	93.2	92.5	92.1	92.1	92.4	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0	94.1	94.8	95.7	96.0
	RH Min (%)	36.5	35.4	34.9	36.7	42.0	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0	62.1	67.5	71.7	73.5
	SS hr (hrs)	55.0	54.0	55.0	53.0	51.5	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	26.0
Growth stage																			
	Spouting & Seedling				vegetative growth				Flowering & fruiting				Harvesting						
Disease 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										