




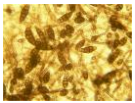
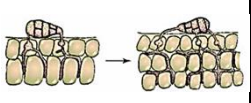







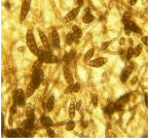
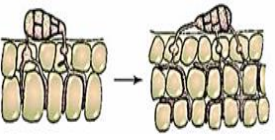





## Crop disease weather calendar of the Rabi season Tomato (Early blight disease): Dinajpur Region (Districts: Dinajpur, Thakurgaon, Panchagaor) Bangladesh

Region: Dinajpur		Rabi season Tomato: Early blight disease										Duration: 120 to 130 days						
Weather warning	Month	November					December					January			February			
	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	1	2	3	4	5	6	7	8
	Rainfall (mm)	5.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	4.0	2.0	2.0	3.0	2.0	1.0	2.0	3.0	1.0
	Max. Temp. (°C)	30.3	29.7	29.0	28.7	28.0	27.0	25.4	24.9	23.9	22.6	22.4	23.0	23.7	25.0	25.9	26.7	27.7
	Min. Temp. (°C)	19.4	18.3	16.9	15.6	14.0	13.3	12.9	12.0	10.9	10.7	10.3	10.0	10.6	11.1	12.1	13.6	14.1
	RH max (%)	96.0	95.9	95.9	95.3	95.6	96.1	96.4	96.3	96.6	96.7	96.3	96.4	95.9	94.7	94.0	93.4	92.0
	RH Min (%)	55.4	53.0	51.6	48.1	47.6	49.0	52.9	52.7	54.0	55.1	53.7	52.4	50.4	47.7	43.1	42.4	40.9
	SS hr (hrs)	55	56	52.0	54.0	53.0	48.0	42.0	41.0	37.0	34.0	34.0	37.0	41.0	44.0	46.0	52.0	54.0
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): Dinajpur Region (Districts: Dinajpur, Thakurgaon, Panchagaor) Bangladesh

Region: Dinajpur		Kharif season Tomato: Early blight disease													Duration: 120 to 130 days			
Weather warning	Month	March			April				May					June				
	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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Rainfall (mm)	1.0	1.0	4.0	2.0	7.0	8.0	8.0	25.0	23.0	31.0	36.0	57.0	55.0	73.0	57.0	77.0	111.0
	Max. Temp. (°C)	28.6	30.1	31.1	32.0	32.1	33.0	33.4	33.0	32.4	32.3	32.9	33.0	33.0	33.4	33.3	33.0	32.3
	Min. Temp. (°C)	15.0	16.1	17.1	18.6	19.7	20.4	21.1	22.0	22.0	22.3	22.9	23.6	24.0	24.4	25.0	25.1	25.6
	RH max (%)	90.6	88.9	87.6	86.0	87.1	86.6	87.4	89.4	91.1	92.3	92.0	92.1	92.4	92.7	93.4	93.9	94.7
	RH Min (%)	38.4	35.3	35.1	36.4	43.3	40.9	43.4	50.9	53.7	57.6	57.3	59.3	62.4	62.3	65.4	67.7	71.4
	SS hr (hrs)	57.0	59.0	59.0	55.0	49.0	52.0	55.0	49.0	50.0	49.0	51.0	48.0	44.0	42.0	40.0	35.0	27.0
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								