





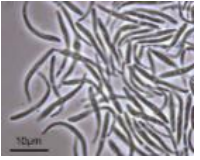
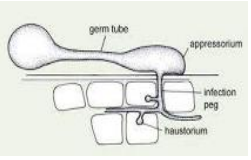










Crop Disease Calendar of *Rabi* season Brinjal (Fruit rot): Barisal Region (Districts: Patuakhali, Barisal, Jhalokhati, Pirozpur, Borguna, Bhola) Bangladesh

Region: Barisal		Rabi season Brinjal: Fruit rot disease																Life span: 190-210 days							
Weather warming	Months	November			December			January			February							March			April				
	Max. Temp. (°C)	35°C																							
	Min. Temp. (°C)	27 °C																							
	RH Max (%)	50%																							
	RH Min (%)	30%																							
	Rainfall (mm)	Hot and humid conditions for infection and disease development																							
Weekly normal weather	Std. Week/Normal	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8			9	10	11	12	13	14	15
	Rainfall (mm)	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	18.0	21.7
	Max. Temp. (°C)	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	33.3	33.7
	Min. Temp. (°C)	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	23.7	24.0
	RH max (%)	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	96.6	96.4
	RH Min (%)	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	58.0	59.8
	SS hr (hrs)	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	53.0	51.3
Growth Stages																									
	Germination and Seedling Planting		Vegetative Growth				Flowering			Fruiting										Harvesting					
Disease Life cycle																									
										Spore landing	Spore germination	Penetration	Disease development			After disease occurred the cycle continued up to maturity stage									

Crop Disease Calendar of *Kharif* season Brinjal (Fruit rot): Barisal Region (Districts: Patuakhali, Barisal, Jhalokhati, Pirozpur, Borguna, Bhola) Bangladesh

Region: Barisal		<i>Kharif</i> season Brinjal: Fruit rot disease																				Life span: 190-200 days								
Weather warning	Months	Feb	March					April					May					June					July			Aug				
	Max. Temp. (°C)	35°C																												
	Min. Temp. (°C)	27 °C																												
	RH Max (%)	50%																												
	RH Min (%)	30%																												
	Rainfall (mm)	Hot and humid conditions for infection and disease development																												
Weekly normal weather	Std. Week/Normal	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
	Rainfall (mm)	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	1.05	129.7	126.3	129.0	91.7	111.7	115.0	100.0	92.7	95.7	82.3	81.0	
	Max. Temp. (°C)	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7	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	
	Min. Temp. (°C)	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0	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	
	RH max (%)	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4	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	
	RH Min (%)	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.0	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	
	SS hr (hrs)	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3	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	
Growth Stages																														
	Germination & Seedling Planting	Vegetative Growth										Flowering					Fruiting										Harvesting			
Disease Life cycle																														
	Spore landing	Spore germination					Penetration					Disease development					After disease occurred the cycle continued up to maturity stage													