





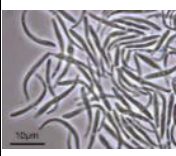
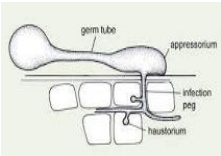









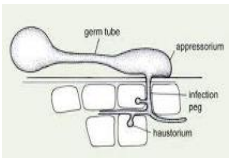




Disease Calendar of *Rabi* season Brinjal (Fruit rot): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh		Rabi season Brinjal: Fruit rot disease																				Life span: 160-180 days																	
Weather warning	Months	September					October					November					December					January					February		March										
	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	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1					2					3					4	5	6	7	8	9	10	11
	Rainfall (mm)	79.0	87.0	71.0	52.0	45.0	15.0	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0					3.0					1.0					0.0	2.0	1.0	5.0	7.0	1.0	4.0	6.0
	Max. Temp. (°C)	31.9	31.7	32.0	31.7	31.6	31.1	30.9	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4					24.0					24.0					25.1	25.9	26.6	27.4	28.1	29.1	30.3	31.0
	Min. Temp. (°C)	26.0	25.1	25.0	24.3	23.4	21.7	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0					11.6					11.9					12.0	13.0	13.7	15.0	15.9	16.6	17.4	18.6
	RH max (%)	95.0	95.4	95.6	95.3	95.3	95.4	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1					94.4					94.4					93.4	92.6	92.1	91.4	90.6	90.6	90.6	90.1
	RH Min (%)	74.1	74.0	72.6	70.3	66.7	62.7	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6					53.1					51.4					47.0	47.9	45.3	45.0	45.1	44.3	43.6	44.6
	SS hr (hrs)	31.0	31.0	40.0	41.0	47.0	53.0	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0					39.0					41.0					45.0	44.0	48.0	50.0	50.0	51.0	53.0	53.0
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						

Disease Calendar of *Kharif* season Brinjal (Fruit rot): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh		Kharif season Brinjal: Fruit rot disease																									Life span: 160-175 days				
Weather warning	Months	March					April					May					June					July					August				
	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	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)	6.0	11.0	17.0	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0	75.0					
	Max. Temp. (°C)	31.0	31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	32.0					
	Min. Temp. (°C)	18.6	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.3	26.3	26.0	26.0					
	RH max (%)	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9	94.7					
	RH Min (%)	44.6	48.3	54.7	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6	77.7	77.6	77.0	76.6	76.4	74.6	74.6	74.9	75.9	75.0					
	SS hr (hrs)	53.0	4.8	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0	31.0					
Growth Stages																															
	Germination and Seedling Planting		Vegetative Growth					Flowering					Fruiting										Harvesting								
Disease cycle																															
													Spore landing		Spore germination			Penetration		Disease development		After disease occurred the cycle continued up to maturity stage									