



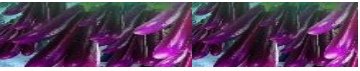


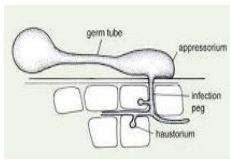









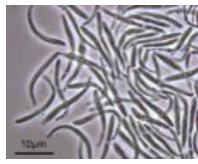
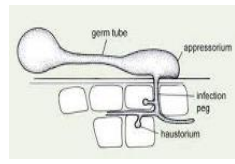





Crop Disease Calendar of *Rabi* season Brinjal (Fruit rot): Cumilla Region (Districts: Cumilla, Chandpur, B.Baria) Bangladesh

Region: Cumilla		Rabi season Brinjal: Fruit rot disease																				Life span: 170-180 days										
Weather warning	Months	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	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2					3		4	5	6	7	8	9	10	11	12	13
	Rainfall (mm)	51.0	46.5	30.5	16.0	11.5	18.0	8.5	4.0	2.5	0.0	4.5	1.0	1.5	0.0	0.0					0.0		1.5	3.0	3.0	6.0	7.5	4.5	7.0	9.0	19.0	27.0
	Max. Temp. (°C)	32.3	31.9	31.8	31.2	31.0	30.5	29.8	29.0	28.2	27.7	26.5	25.8	25.4	24.7	24.5					25.0		25.4	16.2	27.3	28.1	29.1	29.8	30.9	32.0	32.2	32.5
	Min. Temp. (°C)	25.4	24.7	24.3	22.8	21.8	21.0	19.3	18.1	16.9	15.8	15.0	14.2	13.4	13.0	12.7					12.7		12.6	14.2	14.5	16.2	16.7	18.1	19.2	19.9	21.5	22.0
	RH max (%)	95.6	95.7	95.5	95.2	95.3	95.6	95.3	95.4	95.8	95.8	96.2	96.0	96.0	96.0	95.5					95.3		94.4	94.6	94.4	93.9	94.1	93.9	93.9	93.5	93.7	94.0
	RH Min (%)	70.2	68.1	65.8	61.9	60.6	58.2	54.8	52.6	52.2	50.6	51.9	52.1	51.3	51.8	51.2					49.1		46.4	47.7	45.2	46.8	46.1	46.8	47.4	47.7	52.6	55.9
	SS hr (hrs)	39.0	43.0	44.5	50.5	47.0	49.5	50.0	50.5	48.5	47.5	42.5	40.5	40.0	40.0	37.0					43.5		47.0	47.0	50.0	49.5	50.5	52.5	52.5	52.5	51.0	48.5
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): Cumilla Region (Districts: Cumilla, Chandpur, B.Baria) Bangladesh

Region: Cumilla		<i>Kharif</i> season Brinjal: Fruit rot disease																								Life span: 170-180 days			
Weather warning	Months	April				May				June				July						August				September					
	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	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			29	30	31	32	33	34	35	36	37	38	39
	Rainfall (mm)	25.5	23.0	33.0	42.0	54.5	63.5	66.0	71.0	80.0	74.0	98.5	88.5	97.5	96.0	88.0			107.0	95.0	84.0	66.5	82.5	73.0	66.0	53.0	66.5	68.0	53.0
	Max. Temp. (°C)	32.5	33.0	33.2	33.1	32.9	33.2	33.2	32.9	33.1	32.7	31.9	31.9	31.4	31.2	31.5			31.3	31.5	32.0	32.0	31.9	32.0	32.0	31.8	32.0	32.0	32.0
	Min. Temp. (°C)	23.1	23.5	23.7	23.5	23.7	24.3	24.7	25.2	25.6	25.8	25.7	26.0	26.0	26.0	26.0			25.7	26.0	25.9	26.0	26.0	26.0	25.9	25.7	25.6	25.6	25.6
	RH max (%)	94.1	93.8	93.9	94.1	94.2	94.0	94.5	94.3	94.6	95.0	95.0	95.2	95.2	95.4	95.0			95.5	95.3	94.9	94.8	94.9	95.3	95.0	95.2	95.5	95.4	95.6
	RH Min (%)	58.7	59.6	60.9	61.7	63.0	63.5	64.8	66.7	69.0	70.9	73.9	75.1	76.8	76.8	75.9			76.6	75.2	74.2	73.9	74.8	74.0	73.4	73.5	73.1	72.2	71.1
	SS hr (hrs)	51.0	52.0	52.5	51.0	47.5	47.5	46.5	41.0	38.0	36.0	26.5	29.0	26.0	23.5	30.0			26.5	31.0	30.0	31.5	32.0	30.5	34.5	32.0	33.0	33.5	35.0
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								