




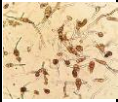
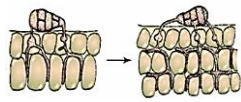




Crop disease weather calendar of the Rabi season Onion (Purple blotch disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Bogra Region		Rabi season Onion: Purple blotch disease										Life span: 100-120 days							
Weather warning	Months	August					September					October				November			
	Max. Temp. (°C)	Warm temperature, 30 °C																	
	Min. Temp. (°C)	21 °C																	
	RH Max (%)	Humidity 90% or above (wet and humid condition)																	
	RH Min (%)	80%																	
	Rainfall (mm)	Moderate to heavy frequent rainfall and heavy dew during growing stage causes prolonged leaf wetness (12 hours or more) and forward disease development.																	
Weekly normal weather	Std.Week/Normal	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	Rainfall (mm)	63.0	61.0	72.0	67.0	56.0	60.0	60.0	76.0	74.0	51.0	42.0	25.0	18.0	5.0	5.0	0.0	0.0	3.0
	Max. Temp. (°C)	32.3	32.6	32.1	32.3	32.6	32.3	32.0	32.1	32.0	32.1	32.3	32.0	31.6	31.0	30.7	30.1	29.7	28.9
	Min. Temp. (°C)	26.3	26.9	26.3	26.4	26.1	26.0	26.0	26.0	25.1	25.0	24.0	23.4	21.7	21.0	19.9	18.3	17.3	15.7
	RHmax (%)	95.1	95.3	95.6	95.9	95.7	95.9	96.3	96.1	96.4	96.0	96.0	95.7	95.1	94.3	94.6	94.1	93.9	93.9
	RHMin (%)	72.0	71.9	73.3	72.7	71.7	72.0	72.3	70.7	71.0	68.7	66.0	62.1	57.9	55.6	52.4	49.9	48.3	47.0
	SShr (hrs)	35.0	37.0	36.0	31.0	35.0	35.0	35.0	37.0	37.0	44.0	48.0	54.0	57.0	52.0	55.0	55.0	56	56
Stages																			
	Germination and Seedling Planting		Vegetative Growth					Bulb formation				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 bulb formation stage										