




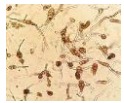
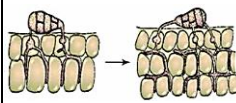






Crop disease weather calendar of the Rabi season Onion (Purple blotch disease): Chottogram Region (Districts: Chottogram, Cox's Bazar, Noakhali, Feni, Laxmipur)
Bangladesh

Chottogram Region		Rabi season Onion: Purple blotch disease													Life span: 100-120 day				
Weather warning	Months	December				January				February					March				
	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	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	
	Rainfall (mm)	1.0	4.0	2.3	2.0	0.3	0.7	0.7	1.3	2.0	1.3	2.3	8.3	4.7	5.3	6.3	13.3	21.3	
	Max. Temp. (°C)	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	
	Min. Temp. (°C)	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	
	RHmax (%)	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	
	RHMin (%)	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	
	SShr (hrs)	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	
Stages																			
	Seedling raising & Transplanting				vegetative growth				Flowering & 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 bulb formation stage										