





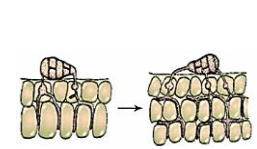








Crop disease weather calendar of the Rabi season Onion (Purple blotch disease): Mymensingh Region (Districts: Cumilla, Chandpur, B.Baria) Bangladesh

Cumilla Region		<b>Rabi season Onion: Purple blotch disease</b>															Life span: 100-110 days									
Weather warning	Months	November					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	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13				
	Rainfall (mm)	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	3.0	3.0	6.0	7.5	4.5	7.0	9.0	19.0	27.0				
	Max. Temp. (°C)	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	16.2	27.3	28.1	29.1	29.8	30.9	32.0	32.2	32.5				
	Min. Temp. (°C)	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	14.2	14.5	16.2	16.7	18.1	19.2	19.9	21.5	22.0				
	RHmax (%)	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	94.6	94.4	93.9	94.1	93.9	93.9	93.5	93.7	94.0				
	RHMin (%)	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.7	45.2	46.8	46.1	46.8	47.4	47.7	52.6	55.9				
	SShr (hrs)	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	47.0	50.0	49.5	50.5	52.5	52.5	52.5	51.0	48.5				
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																	