





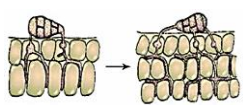




Crop disease weather calendar of the Rabi season Onion (Purple blotch disease): Region Rajshahi (Districts:Rajshahi, Chapainawabgonj, Naoga, Natore) Bangladesh

Region Rajshahi		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	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0	14.0
	Max. Temp. (°C)	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6	35.0
	Min. Temp. (°C)	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4	20.6
	RHmax (%)	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3	89.1
	RHMin (%)	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4	35.9
	SShr (hrs)	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0	52.0
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										