





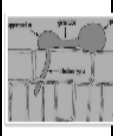




Crop disease weather calendar of the Rabi season Onion (Basal bulb rot disease): Mymensingh Region (Districts: Cumilla, Chandpur, B.Barria) Bangladesh

Cumilla Region		Rabi season Onion: Basal bulb rot disease															Life span: 100-110 days									
Weather warning	Months	November					December					January					February					March				
	Max. Temp. (°C)	Atmospheric temperature: 32°C; Soil temperature: 28 °C along with high soil moisture																								
	Min. Temp. (°C)	Atmospheric temperature: 25 °C; Soil temperature: 25 °C along with high soil moisture																								
	RH Max (%)	Above 70%																								
	RH Min (%)	50%																								
	Rainfall (mm)	Dry atmospheric conditions																								
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 landing		Spore germination	Penetration	Disease development	Spore landing on host surface to Disease development process continued over the crop growing period																				