





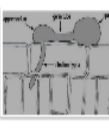






Crop disease weather calendar of the Rabi season Onion (Basal bulb rot disease): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, Magura, Kustia) Bangladesh

Region: Jessore			Rabi season Onion: Basal bulb rot disease														Life Span: 140-150 days				
Weather warming	Months		February					March					April				May				
	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	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
	Rainfall (mm)	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5		
	Max. Temp. (°C)	26.6	27.8	28.9	30.0	31.0	32.4	33.6	34.7	34.6	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6		
	Min. Temp. (°C)	12.0	13.3	14.7	15.6	16.4	17.7	19.0	20.8	21.8	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0		
	RH max (%)	94.9	94.2	94.0	93.7	93.2	92.5	92.1	92.1	92.4	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0		
	RH Min (%)	44.2	42.2	41.0	39.3	36.5	35.4	34.9	36.7	42.0	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0		
	SS hr (hrs)	48.5	49.5	50.0	54.5	55.0	54.0	55.0	53.0	51.5	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5		
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											