





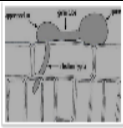
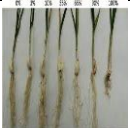



Crop disease weather calendar of the Rabi season Garlic (**Basal rot disease**): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, Magura, Kustia) Bangladesh

Region: Jessore		Rabi season Garlic: Basal rot disease										Life cycle of crop: 140-150 days														
Weather warning	Months	November					December					January					February					March				
	Max. Temp. (°C)	Atmospheric temperature 30°C; Max. soil temperature: 28°C along with high soil moisture; high temperature and drought increases the disease incidence.																								
	Min. Temp. (°C)	Atmospheric temperature 25°C; Minimum soil temperature: 25 °C along with high soil moisture																								
	RH Max (%)	Relative humidity is above 70%.																								
	RH Min (%)																									
	Rainfall (mm)																									
Weekly normal weather	Std.Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13			
	Rainfall (mm)	9.0	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0			
	Max. Temp. (°C)	31.1	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4	33.6	34.7	34.6			
	Min. Temp. (°C)	20.7	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7	19.0	20.8	21.8			
	RHmax (%)	95.9	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5	92.1	92.1	92.4			
	RHMin (%)	56.2	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4	34.9	36.7	42.0			
	SShr (hrs)	45.5	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	48.5	49.5	50.0	54.5	55.0	54.0	55.0	53.0	51.5			
Stage																										
	Germination and Seedling Planting					Vegetative Growth					Flowering & Fruiting					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					