



Crop disease weather calendar of the Rabi season Gurlic(**Basal rot disease**):Faridpur Region (Districts: Faridpur, Madaripur, Sariatpur, Gopalganj, Rajbari) Bangladesh

Faridpur Region		Rabi season Garlic: Basal rot disease										Life Span 140-150 day														
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)	11.5	11.0	8.0	3.0	4.5	0.5	3.5	0.5	2.0	0.5	0.5	0.5	1.5	3.5	5.5	5.0	7.5	5.0	6.5	7.0	12.5	18.5			
	Max. Temp. (°C)	30.9	30.4	29.7	29.2	28.0	27.5	26.5	25.5	25.1	24.3	24.4	24.8	25.4	26.5	27.4	28.5	29.5	30.7	31.8	32.9	33.8	33.4			
	Min. Temp. (°C)	22.0	20.7	19.1	18.2	16.4	15.2	14.7	13.7	12.9	12.2	12.0	12.1	12.1	13.1	13.9	15.5	16.0	17.3	18.5	19.5	21.2	21.8			
	RHmax (%)	95.2	95.4	95.5	95.8	95.6	95.6	96.1	96.2	96.0	95.7	95.4	95.5	95.2	94.7	94.7	64.1	93.8	93.4	92.7	92.4	92.9	93.2			
	RHMin (%)	57.6	55.5	53.2	51.2	49.9	50.5	51.4	51.3	51.0	52.2	50.9	48.9	46.3	46.2	43.3	43.3	41.5	39.5	38.8	38.4	42.1	46.7			
SShr (hrs)	48.5	51.0	49.5	50.5	51.0	47.0	44.5	40.5	43.0	41.5	39.5	44.5	50.0	49.0	52.0	52.0	53.0	54.5	53.0	54.5	51.5	50.5				
Stage																										
	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																