



Crop disease weather calendar of the Rabi season Garlic (**Basal rot disease**): **Rajshahi Region** (Districts:Rajshahi, Chapainawabgonj, Naoga, Natore) **Bangladesh**

Rajshahi Region		Rabi season Garlic: Basal rot disease																		Life cycle of crop, 140-150 days			
Weather warning	Months	October				November				December				January				February					
	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	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	
	Rainfall (mm)	44.0	35.0	23.0	12.0	7.0	5.0	1.0	0.0	2.0	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	
	Max. Temp. (°C)	32.7	32.3	31.7	32.3	31.7	31.0	30.4	30.4	29.6	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	25.6	26.7	28.1	29.3	
	Min. Temp. (°C)	25.0	24.1	23.1	24.1	23.1	21.4	20.7	19.3	17.6	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	
	RHmax (%)	96.3	96.4	96.1	96.4	96.1	96.0	95.9	96.1	95.7	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	
	RHMin (%)	67.4	64.3	60.9	64.3	60.9	57.4	55.9	51.9	49.4	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	
	SShr (hrs)	46.0	47.0	53.0	47.0	53.0	56.0	55.0	57.0	54.0	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	
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													