






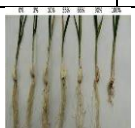
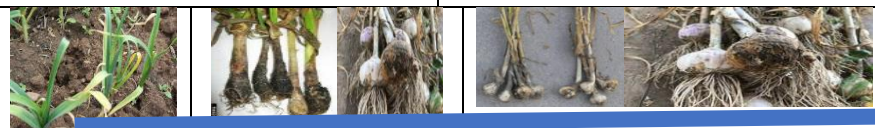


Crop disease weather calendar of the Rabi season (Basal rot disease): **Bogra Region** (Districts: Bogra, Pabna, Sirajgonj, Joypurhat)
Bangladesh

Bogra Region		Rabi season Garlic: Basal rot disease																			Life cycle of crop: 140-150 days		
Weather warming	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	
	Rainfall (mm)	5.0	5.0	0.0	0.0	3.0	0.0	3.0	0.0	4.0	0.0	2.0	2.0	1.0	1.0	1.0	4.0	3.0	5.0	2.0	4.0	3.0	
	Max. Temp. (°C)	31.0	30.7	30.1	29.7	28.9	27.7	26.3	25.0	25.7	24.0	24.0	24.3	25.4	25.9	26.9	27.7	28.6	29.3	30.9	31.9	32.9	
	Min. Temp. (°C)	21.0	19.9	18.3	17.3	15.7	15.0	14.1	12.0	13.4	12.0	11.4	11.4	12.0	12.9	13.6	14.6	15.4	16.4	17.4	18.3	20.0	
	RHmax (%)	94.3	94.6	94.1	93.9	93.9	93.7	94.6	94.3	94.6	94.1	94.3	94.3	93.9	93.1	92.1	91.4	90.4	88.7	89.1	86.4	86.3	
	RHMin (%)	55.6	52.4	49.9	48.3	47.0	48.1	50.6	50.6	50.0	50.9	49.0	47.7	46.0	44.9	41.4	40.3	39.1	38.0	36.9	37.1	39.1	
	SShr (hrs)	52.0	55.0	55.0	56	56	54	48	49.0	46.0	44.0	44.0	46.0	50.0	50.0	52.0	53.0	56.0	60.0	59.0	61.0	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														