



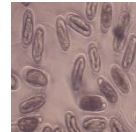

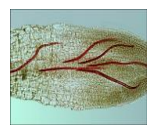

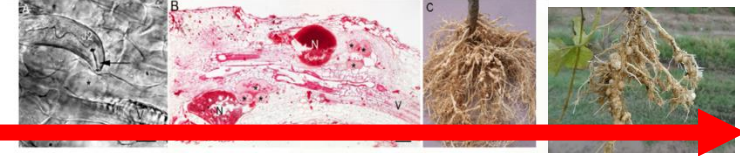




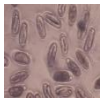

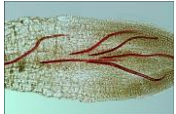

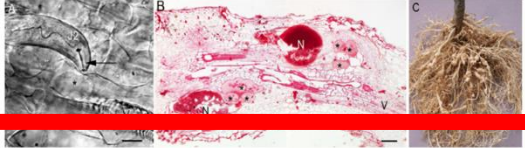


## Crop Disease Weather Calendar of *Rabi* season Pointed gourd (Root knot disease): Bogura region (Districts: Pabna, Sirajganj, Bogura, Joypurhat), Bangladesh

Region: Bogura		<i>Rabi</i> season Pointed Gourd: Root knot disease													Duration: 120-150 days									
Weather warning	Months	November					December				January				February			March						
	Max. Temp. (°C)	Soil temperature: 28 <sup>o</sup> C, hot summer is long and winter is short and mild																						
	Min. Temp. (°C)	Soil temperature: 16 <sup>o</sup> C																						
	RH Max (%)	90%																						
	RH Min (%)	70%																						
	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)	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	8.0	
	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	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	21.1	
	RH max (%)	94.3	94.6	94.1	93.5	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	87.7	
	RH Min (%)	55.6	52.4	49.9	48.3	47.5	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	36.93	37.1	39.1	45.3	
SS hr (hrs)	52.0	55.0	55.0	56.0	56.0	54.0	48.0	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	56.0		
Growth stage																								
		Spouting & Seedling					vegetative growth					Flowering & fruiting					Harvesting							
Disease Life cycle																								
		Eggs lay on root surface (4 days)		Juvenile development (12 days)		Juvenile infection and penetration (2 days)		Gall formation (10 days)		After occurrence of disease the disease cycle continued up to fruiting stage														

## Crop Disease Weather Calendar of *Kharif* season Pointed gourd (Root knot disease): Bogura region (Districts: Pabna, Sirajganj, Bogura, Joypurhat), Bangladesh

Region: Bogura		<i>Kharif</i> season Pointed Gourd: Root knot disease																				Duration: 100-120 days		
Weather warning	Months	March					April					May					June		July					
	Max. Temp. (°C)	Soil temperature: 28° C, hot summer is long and winter is short and mild																						
	Min. Temp. (°C)	Soil temperature: 16° C																						
	RH Max (%)	90%																						
	RH Min (%)	70%																						
	Rainfall (mm)	-----																						
Weekly normal weather	Std. Week/Normal	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Rainfall (mm)	5.0	2.0	4.0	3.0	8.0	8.0	12.0	26.0	28.0	37.0	42.0	45.0	58.0	59.0	74.0	70.0	92.0	76.0	93.0	80.0	91.0	76.0	
	Max. Temp. (°C)	29.3	30.9	31.9	32.9	32.9	33.9	34.3	34.0	33.6	33.1	33.6	33.4	33.3	33.9	33.4	32.7	32.3	32.3	32.0	31.9	32.0	32.1	
	Min. Temp. (°C)	16.4	17.4	18.3	20.0	21.1	22.3	23.0	23.0	23.1	23.3	23.9	24.3	24.6	25.0	25.9	26.0	26.1	26.1	26.0	26.1	26.0	26.1	
	RH max (%)	88.7	89.1	86.4	86.3	87.7	88.0	88.3	90.6	90.9	92.4	92.4	92.7	93.0	93.7	94.1	95.1	95.1	95.6	95.9	95.9	95.9	95.9	
	RH Min (%)	38.0	36.9	37.1	39.1	45.3	44.4	45.9	50.7	54.9	57.3	58.7	60.0	63.4	64.6	66.7	70.4	72.4	73.9	73.3	74.1	74.4	73.3	
	SS hr (hrs)	60.0	59.0	61	58.0	56.0	56.0	56.0	55.0	52.0	48.0	50.0	49.0	46.0	44.0	39.0	33.0	28.0	26.0	28.0	31.0	29.0	28.0	
Growth stage																								
Disease Life cycle																								
Disease Life cycle		Eggs lay on root surface (4 days)		Juvenile development (12 days)		Juvenile infection and penetration (2 days)		Gall formation (10 days)		After occurrence of disease the disease cycle continued up to fruiting stage														