



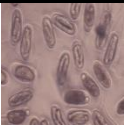

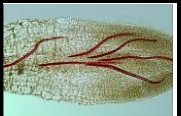

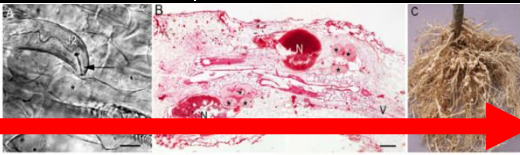




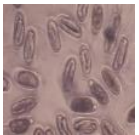

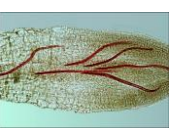

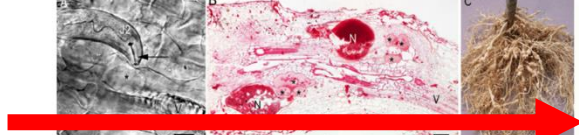


## Crop Disease Weather Calendar of *Rabi* season Pointed gourd (Root knot disease): Rajshahi region (Districts:Rajshahi, Chapai Nawabganj, Naogaon, Natore), Bangladesh

Region: Rajshahi		<i>Rabi</i> season Pointed Gourd: Root knot disease															Duration: 100-120 days	
Weather warning	Months	September					October					November					December	
	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
	Rainfall (mm)	54.0	59.0	52.0	83.0	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
	Max. Temp. (°C)	32.9	33.0	33.0	32.9	32.7	32.3	31.7	32.3	31.7	31	29.6	28.9	28.3	27.0	26.0	25.4	24.4
	Min. Temp. (°C)	26.0	26.0	26.0	25.3	25.0	24.1	23.1	24.1	23.1	21.4	17.6	16.6	15.0	14.0	13.1	12.4	11.6
	RH max (%)	96.3	96.7	96.3	96.7	96.3	96.4	96.1	96.4	96.1	96.0	95.7	95.3	94.7	94.7	95.9	95.3	95.7
	RH Min (%)	71.3	71.0	69.9	68.9	67.4	64.3	60.9	64.3	60.9	57.4	49.4	47.4	45.6	46.9	50.1	50.0	50.0
	SS hr (hrs)	35.0	38.0	40.0	43.0	46.0	47.0	53.0	47.0	53.0	56.0	54.0	55.0	55.0	51.0	47.0	46.0	44.0
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									

## Disease Weather Calendar of *Kharif* season Pointed gourd (Root knot disease): Rajshahi region (Districts:Rajshahi, Chapai Nawabganj, Naogaon, Natore), Bangladesh

Region: Rajshahi		<i>Kharif</i> season Pointed Gourd: Root knot disease																			Duration: 120-150 days			
Weather warning	Months	January					February					March				April				May				
	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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	Rainfall (mm)	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0	14.0	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0	34.0	
	Max. Temp. (°C)	24.0	23.0	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6	35.0	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0	35.3	
	Min. Temp. (°C)	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4	20.6	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0	25.4	
	RH max (%)	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3	89.1	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1	93.7	
	RH Min (%)	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4	35.9	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3	58.9	
	SS hr (hrs)	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0	52.0	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0	51.0	
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															