





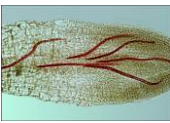

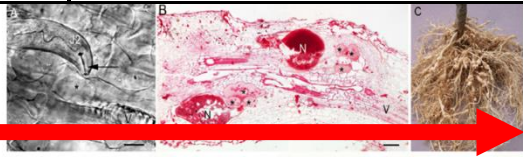




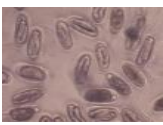

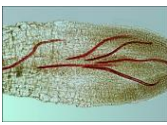

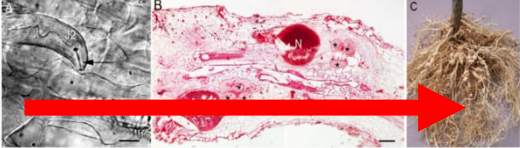


Crop Disease Weather Calendar of *Rabi* season Pointed gourd (Root knot disease): Dhaka region (Districts: Dhaka, Narayanganja, Gazipur, Kishoreganj, Narsingdi, Munshiganj, Manikganj, Tangail), Bangladesh

Region: Dhaka		<i>Rabi</i> season Pointed Gourd: Root knot disease																	Duration: 100-120 days	
Weather warning	Month	February					March					April					May			
	Max. Temp. (°C)	Soil temperature: 28 ^o C, hot summer is long and winter is short and mild																		
	Min. Temp. (°C)	Soil temperature: 16 ^o C																		
	RH Max (%)	90%																		
	RH Min (%)	70%																		
	Rainfall (mm)	-----																		
Weekly normal weather	Std. Week/Normal	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	Rainfall (mm)	3.5	3.5	2.5	12.0	3.5	4.0	9.5	13.5	20.5	25.0	21.0	31.5	42.5	46.0	55.5	55.5	75.5	70.0	
	Max. Temp. (°C)	26.2	27.2	28.3	28.9	30.0	31.5	32.3	33.4	33.2	33.9	24.6	34.1	33.8	33.6	33.7	33.7	33.2	33.5	
	Min. Temp. (°C)	13.6	14.3	15.5	16.5	17.5	18.6	19.8	19.8	21.8	22.9	23.5	23.7	23.6	23.7	24.2	24.6	24.9	25.4	
	RH max (%)	92.4	92.1	91.7	91.1	90.0	89.9	89.2	89.6	90.3	91.3	91.4	91.4	91.7	92.3	92.8	92.9	93.5	93.8	
	RH Min (%)	42.3	39.4	39.7	38.9	36.0	35.5	35.9	38.9	44.5	45.9	47.1	52.0	55.1	56.7	58.6	60.4	63.5	65.0	
	SS hr (hrs)	49.5	51.5	53.0	54.5	56.0	55.0	58.0	55.5	52.5	53.5	54.0	55.0	54.5	51.5	48.0	48.0	42.5	42.0	
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): Dhaka region (Districts: Dhaka, Narayanganja, Gazipur, Kishoreganj, Narsingdi, Munshiganj, Manikganj, Tangail), Bangladesh

Region: Dhaka		Kharif season Pointed Gourd: Root knot disease										Duration: 100-120 days							
Weather warning	Month	November					December					January				February			
	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	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	
	Rainfall (mm)	12.5	10.0	6.0	1.5	4.5	1.5	4.5	1.5	3.5	1.0	0.0	0.0	0.5	3.5	3.5	2.5	12.0	
	Max. Temp. (°C)	30.9	30.6	29.8	29.0	28.3	27.6	26.2	25.5	24.8	24.0	23.9	24.5	25.0	26.2	27.2	28.3	28.9	
	Min. Temp. (°C)	21.5	20.5	18.7	17.7	16.11	15.5	14.7	13.5	12.9	12.4	12.0	12.0	12.1	13.6	14.3	15.5	16.5	
	RH max (%)	94.5	95.0	94.7	94.6	94.3	94.8	95.3	95.1	95.0	94.6	94.3	93.8	93.4	92.4	92.1	91.7	91.1	
	RH Min (%)	54.6	51.5	49.3	47.5	46.3	47.6	49.4	49.8	49.1	50.3	48.8	46.2	43.3	42.3	39.4	39.7	38.9	
	SS hr (hrs)	49.5	51.5	51.5	52.0	51.5	48.5	46.5	44.5	44.5	42.5	42.5	45.0	49.0	49.5	51.5	53.0	54.5	
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										