



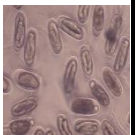

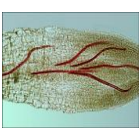








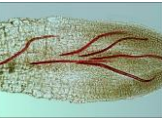

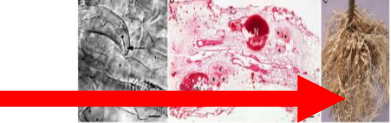


Crop Disease Weather Calendar of *Rabi* season Pointed gourd (Root knot disease): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, magura, Kustia) Bangladesh

Region: Jessore		<i>Rabi</i> season Pointed Gourd: Root knot disease															Duration: 140-250 days									
Weather warning	Months	October					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	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8				
	Rainfall (mm)	44.5	33.0	26.5	20.0	9.0	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0				
	Max. Temp. (°C)	33.2	33.0	32.7	31.9	31.1	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0				
	Min. Temp. (°C)	25.1	24.4	23.4	21.6	20.7	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6				
	RH max (%)	96.5	96.5	96.5	96.1	95.9	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7				
	RH Min (%)	67.0	64.4	61.5	57.1	56.2	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3				
	SS hr (hrs)	40.0	43.5	47.0	49.0	45.5	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	48.5	49.5	50.0	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																	

Crop Disease Weather Calendar of *Kharif* season Pointed gourd (Root knot disease): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, magura, Kustia) Bangladesh

Region: Jessore		<i>Kharif</i> season Pointed Gourd: Root knot disease														Duration: 120-150 days			
Weather warning	Months	March					April					May				June			
	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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Rainfall (mm)	4.0	2.5	4.5	11.5	12.0	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	72.5
	Max. Temp. (°C)	31.0	32.4	33.6	34.7	34.6	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6	35.3	34.0	33.3	33.0
	RH max (%)	16.4	17.7	19.0	20.8	21.8	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0	26.2	26.2	26.1	26.2
	RH mean (%)	93.2	92.5	92.1	92.1	92.4	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0	94.1	94.8	95.7	96.0
	SS hr (hrs)	36.5	35.4	34.9	36.7	42.0	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0	62.1	67.5	71.7	73.5
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								