














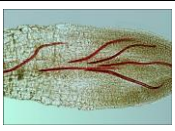

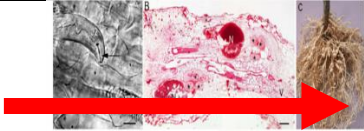


## Crop Disease Weather Calendar of *Rabi* season Pointed gourd (Root knot disease): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Region.: Mymensingh		<i>Rabi</i> season Pointed Gourd: Root knot disease															Duration: 120-150 days									
<b>Weather warning</b>	<b>Months</b>	February					March					April					May		June							
	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)	-----																								
<b>Weekly normal weather</b>	<b>Std. Week/Normal</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>				
	Rainfall (mm)	2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0	20.0	30	40	36	55	62	69	97	81	96	103	98				
	Max. Temp. (°C)	25.9	26.6	27.4	28.1	29.1	30.3	31.0	31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4				
	Min. Temp. (°C)	13.0	13.7	15.0	15.9	16.6	17.4	18.6	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0				
	RH max (%)	92.6	92.1	91.4	90.6	90.6	90.6	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0				
	RH Min (%)	47.9	45.3	45.0	45.1	44.3	43.6	44.6	48.3	54.7	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6				
	SS hr (hrs)	44.0	48.0	50.0	50.0	51.0	53.0	53.0	48.0	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0				
<b>Growth stage</b>																										
	<b>Spouting &amp; Seedling</b>				<b>vegetative growth</b>						<b>Flowering &amp; fruiting</b>					<b>Harvesting</b>										
<b>Disease Life cycle</b>																										
	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): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Reg.: Mymensingh		<i>Kharif</i> season Pointed Gourd: Root knot disease														Duration: 120-150 days			
Weather warning	Months	June				July				August				September					
	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	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
	Rainfall (mm)	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0	75.0	63.0	65.0	79.0	87.0	
	Max. Temp. (°C)	32.0	31.7	31.74	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	32.0	31.4	31.7	31.9	31.7	
	RH max (%)	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9	94.7	94.9	95.3	95.0	95.4	
	RH mean (%)	83.6	85.1	85.8	86.2	86.3	85.8	85.6	85.7	84.7	84.3	84.5	85.6	84.9	85.4	84.7	84.6	84.7	
	SS hr (hrs)	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0	31.0	28.0	31.0	31.0	31.0	
Growth stage																			
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									