

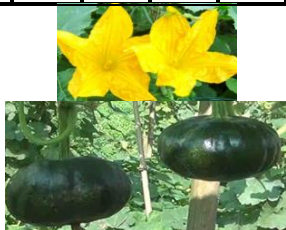

















Crop Insect Weather Calendar *Rabi* season Sweet Gourd (Red pumpkin beetle): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Reg.: Mymensingh		Rabi season Sweet gourd : Red pumpkin beetle														Duration:130-150 days						
Weather warning	Months	October					November					December				January			February			
	Max. Temp. (°C)	35 oC (30 oC optimum temperature both for oviposition and food consumption)																				
	Min. Temp. (°C)	15 oC or below																				
	RH Max (%)	Capable of tolerating wide ranges of relative humidity fluctuations whereas population increase with the advancement in temperature and relative humidity																				
	RH Min (%)	Capable of tolerating wide ranges of relative humidity fluctuations																				
	Rainfall (mm)	Negative correlation with the abundance of red pumpkin beetle																				
	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
Rainfall (mm)	71.0	52.0	45.0	15.0	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	2.0	1.0	5.0	7.0	
Max. Temp. (°C)	32.0	31.7	31.6	31.1	30.9	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1	
Min. Temp. (°C)	25.0	24.3	23.4	21.7	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9	
RH max (%)	95.6	95.3	95.3	95.4	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6	
RH Min (%)	72.6	70.3	66.7	62.7	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.9	45.3	45.0	45.1	
SS hr (hrs)	40.0	41.0	47.0	53.0	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0	
Growth Stages																						
	Germination & Seedling				vegetative growth				Flowering & fruiting				Harvesting									
Insect Life cycle																						
	Eggs (6 to 15 days)		Larva (13 to 25 days)		Pupa (7 to 20 days)		Adults (10 months)		Adults (10 months)													

Crop Insect Weather Calendar *Kharif* season Sweet Gourd (Red pumpkin beetle): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Reg.: Mymensingh		Kharif season Sweet gourd : Red pumpkin beetle														Duration:120-150 days						
Weather warning	Months	April					May					June				July			August			
	Max. Temp. (°C)	35 oC (30 oC optimum temperature both for oviposition and food consumption)																				
	Min. Temp. (°C)	15 oC or below																				
	RH Max (%)	Capable of tolerating wide ranges of relative humidity fluctuations whereas population increase with the advancement in temperature and relative humidity																				
	RH Min (%)	Capable of tolerating wide ranges of relative humidity fluctuations																				
	Rainfall (mm)	Negative correlation with the abundance of red pumpkin beetle																				
Weekly normal weather	Std. Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	Rainfall (mm)	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0
	Max. Temp. (°C)	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0
	Min. Temp. (°C)	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.3	26.3	26.0
	RH max (%)	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9
	RH Min (%)	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6	77.7	77.6	77.0	76.6	76.4	74.6	74.6	74.9	75.9
	SS hr (hrs)	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0
Growth Stages																						
		Germination & Seedling					vegetative growth					Flowering & fruiting				Harvesting						
Insect Life cycle																						
		Eggs (6 to 15 days)		Larva (13 to 25 days)		Pupa (7 to 20 days)		Adults (10 months)			Adults (10 months)											