



















Crop Insect Weather Calendar Rabi season Sweet Gourd (Red pumpkin beetle): Khulna Region (Districts: Khulna, Norail, Bagerhat, Sathkhira) Bangladesh

Region: Khulna		<i>Rabi season Sweet gourd: Red pumpkin beetle</i>															Duration:100-120 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	42	43	44			45	46	47	48	49	50	51	52	1	2	3	4	5	6
	Rainfall (mm)	31.5	26.5	9.5			13.0	8.0	3.0	3.5	1.0	4.0	0.0	1.0	3.0	1.5	0.0	3.5	5.5	6.5
	Max. Temp. (°C)	32.4	31.7	31.0			31.0	30.1	29.5	28.5	27.7	27.0	26.0	25.6	25.0	25.0	25.8	26.2	27.0	27.7
	Min. Temp. (°C)	24.2	22.5	21.5			20.6	19.3	18.0	16.3	15.3	14.5	13.4	12.6	12.2	12.2	12.7	12.4	13.9	14.5
	RH max (%)	96.2	96.3	96.0			95.6	95.9	95.8	95.5	94.7	95.7	95.8	95.7	95.4	95.2	94.9	94.9	95.1	94.5
	RH Min (%)	63.3	59.2	57.4			53.9	51.3	49.0	46.7	47.3	48.8	49.2	47.8	48.7	46.9	46.8	44.3	44.9	43.4
	SS hr (hrs)	49.5	52.5	48.5			53.5	52.5	53.5	53.0	52.0	49.5	48.0	48.5	47.0	46.5	49.5	53.0	52.5	53.5
Growth Stage																				
		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): Khulna Region (Districts: Khulna, Norail, Bagerhat, Sathkhira) Bangladesh

Region: Khulna		Kharif season Sweet gourd: Red pumpkin beetle										Duration:100-120 days										
Weather warning	Months	February					March					April			May							
	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	5	6	7			8			9	10	11	12	13	14	15	16	17	18	19	20	21
	Rainfall (mm)	5.5	6.5	5.0			13.5			6.5	2.5	6.5	13.5	16.0	12.5	12.5	17.5	25.0	31.5	32.5	37.0	47.5
	Max. Temp. (°C)	27.0	27.7	29.0			30.1			31.0	32.4	33.4	34.1	34.0	35.0	35.2	35.2	35.2	35.1	35.2	35.3	35.1
	Min. Temp. (°C)	13.9	14.5	16.2			17.0			18.1	19.4	20.4	22.0	22.7	24.0	24.3	24.9	25.0	25.0	25.3	25.8	26.0
	RH max (%)	95.1	94.5	94.3			94.3			93.7	93.7	93.5	94.5	94.1	94.3	93.7	93.3	93.2	93.0	93.1	93.4	93.7
	RH Min (%)	44.9	43.4	43.9			41.8			40.7	40.7	40.2	44.2	47.3	48.8	49.2	52.4	53.7	55.3	57.4	57.9	60.7
	SS hr (hrs)	52.5	53.5	55.5			55.5			57.5	57.5	59.0	57.0	56.5	59.0	60.0	61.5	58.0	59.5	56.5	55.0	47.0
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)												