



















Crop Insect Weather Calendar of *Rabi* season Cucumber (Red pumpkin beetle insect): Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Jashore Region		<i>Rabi</i> season Cucumber: Red pumpkin beetle insect												Life span: 140-150 day										
Weather warning	Months	March				April				May				June			July							
	Max. Temp. (°C)	35 °C (30 °C optimum temperature both for oviposition and food consumption)																						
	Min. Temp. (°C)	15 °C 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 <i>red pumpkin beetle</i>																						
Weekly normal	Std. Week/Normal	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	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	82.0	72.0	83.5	73.0	
	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	32.7	32.9	32.7	32.7	
	Min. Temp. (°C)	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	26.0	26.1	26.2	26.2	
	RH max (%)	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	96.1	96.1	96.1	96.1	
	RH Min (%)	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	74.4	73.4	74.6	73.4	
	SS hr (hrs)	55.0	54.0	55.0	53.0	51.5	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	26.0	24.5	29.0	25.0	29.5	
Growth stages																								
	Spouting & 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)		Adult (damage flower and immature fruits)															

Crop Insect Weather Calendar of Rabi season Cucumber (Red pumpkin beetle insect): Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Jashore Region		kharif Rabi season Cucumber: Red pumpkin beetle insect														Life span: 140-150 day											
Weather warning	Months	April				May				June				July			August				September						
	Max. Temp. (°C)	35 °C (30 °C optimum temperature both for oviposition and food consumption)																									
	Min. Temp. (°C)	15 °C 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 <i>red pumpkin beetle</i>																									
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	35	36	37	38	39
	Rainfall (mm)	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	82.0	72.0	83.5	73.0	63.5	56.0	68.0	48.5	50.5	52.5	68.0	59.0	69.5
	Max. Temp. (°C)	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	32.7	32.9	32.7	32.7	33.0	32.8	32.7	33.1	33.3	32.9	32.9	33.0	33.2
	Min. Temp. (°C)	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	26.0	26.1	26.2	26.2	26.0	26.2	26.0	26.1	26.0	26.0	26.0	26.0	25.3
	RH max (%)	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	96.1	96.1	96.1	96.1	96.0	96.2	96.5	96.2	96.2	96.4	96.6	96.3	96.6
	RH Min (%)	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	74.4	73.4	74.6	73.4	72.6	73.0	73.0	71.7	71.0	71.5	70.8	69.7	67.7
	SS hr (hrs)	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	26.0	24.5	29.0	25.0	29.5	32.5	30.0	28.0	30.5	32.5	31.5	33.0	32.5	38.5
Growth stages																											
	Spouting & 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)		Adult (damage flower and immature fruits)																		