










### Crop Insect Weather Calendar of *Robi* season Cucumber (Red pumpkin beetle insect): Cumilla Region (Districts: Cumilla, Chandpur, B.Baria) Bangladesh

Region: Cumilla		Robi season Cucumber: Red pumpkin beetle insect												Life span 100-120 days				
Weather warning	Months	February				March				April				May				
	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>																
	Std. Week/Normal	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Rainfall (mm)	3.0	3.0	6.0	7.5	4.5	7.0	9.0	19.0	27.0	25.5	23.0	33.0	42.0	54.5	63.5	66.0	71.0	80.0
Max. Temp. (°C)	16.2	27.3	28.1	29.1	29.8	30.9	32.0	32.2	32.5	32.5	33.0	33.2	33.1	32.9	33.2	33.2	32.9	33.1
Min. Temp. (°C)	14.2	14.5	16.2	16.7	18.1	19.2	19.9	21.5	22.0	23.1	23.5	23.7	23.5	23.7	24.3	24.7	25.2	25.6
RH max (%)	94.6	94.4	93.9	94.1	93.9	93.9	93.5	93.7	94.0	94.1	93.8	93.9	94.1	94.2	94.0	94.5	94.3	94.6
RH Min (%)	47.7	45.2	46.8	46.1	46.8	47.4	47.7	52.6	55.9	58.7	59.6	60.9	61.7	63.0	63.5	64.8	66.7	69.0
SS hr (hrs)	47.0	50.0	49.5	50.5	52.5	52.5	52.5	51.0	48.5	51.0	52.0	52.5	51.0	47.5	47.5	46.5	41.0	38.0
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)											