






Crop Weather Calendar of Green Gram Robi : Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region: Jashore	Green Gram Robi						Duration: 65-70 days			
Months	February		March				April			
Std.Week/Normal	7	8	9	10	11	12	13	14	15	16
Rainfall (mm)	4.5	8.0	4.0	2.5	4.5	11.5	12.0	11.5	7.0	12.5
Max. Temp. (°C)	28.9	30.0	31.0	32.4	33.6	34.7	34.6	35.5	36.1	36.5
Min. Temp. (°C)	14.7	15.6	16.4	17.7	19.0	20.8	21.8	22.8	23.5	24.1
Mean Temp. (°C)	21.8	22.8	23.7	25.0	26.3	27.7	28.2	29.2	29.8	30.3
RHmax (%)	94.0	93.7	93.2	92.5	92.1	92.1	92.4	92.4	92.9	92.4
RHMin (%)	41.0	39.3	36.5	35.4	34.9	36.7	42.0	41.5	41.6	44.3
RHmean (%)	67.5	66.5	64.9	63.9	63.5	64.4	67.2	66.9	67.2	68.3
SShr (hrs)	50.0	54.5	55.0	54.0	55.0	53.0	51.5	55.5	54.5	54.5
WD (deg)	203	214	219	213	230	212	208	209	204	193
WS(Km/hr)	3.3	3.7	3.5	3.9	4.1	4.4	4.7	5.1	5.2	5.7
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions	
Temperature (°C)	>15°C 23-30°C
Relative Humidity	64-68%
Soil Temperature (°C)	21-28°C
Sunshine (hr)	7.0-8.0hr

Congenial Weather Condition for Pests & Diseases	
Cercospora leaf spot	Temperature 25-35°C with high temperature above 16°C and RH 90-95%.
Powderymildew	Temperature 20-25°C and moderately humid weather
Yellow mosaic virus	Temperature 17-30 °C RH 65-70% and rainfall 8-10 mm (for vector: white fly)
Hairy caterpillar	High temperature and high humidity
Thrips	Dry and moderately high temperature (16-28 °C), Rainfall 30 mm
Pod borer	Temperature 16-30°C ,RH 50-85% and sunshine hours of 6.4

Weather Warning	
Rainfall	>75mm/ day >50mm/ day >50mm/ day
Cloudy Weather	Cloudy weather Cloudy weather
Drought	15-20 days 15-20 days
Duration of wet spell	>25mm for 3-4 days >25mm for 3-4 days >25mm for 3-4 days
Hail storm	Hail storm Hail storm Hail storm
High wind	>25KM/HR >25KM/HR >25KM/HR
Temperature	Min <10 °C and max. >30°C Min <15°C and max. >35°C Min <15°C and max. >35°C