






Crop Weather Calendar of Green Gram:FaridpurRegion (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj)Bangladesh

Region:	Green Gram Robi						Duration: 65-70 days			
Months	October		November				December			
Std.Week/Normal	42	43	44	45	46	47	48	49	50	51
Rainfall (mm)	43.0	20.5	11.5	11.0	8.0	3.0	4.5	0.5	3.5	0.5
Max. Temp. (°C)	32.0	31.5	30.9	30.4	29.7	29.2	28.0	27.5	26.5	25.5
Min. Temp. (°C)	24.0	22.6	22.0	20.7	19.1	18.2	16.4	15.2	14.7	13.7
Mean Temp. (°C)	28.0	27.1	26.4	25.5	24.4	23.7	22.2	21.3	20.6	19.6
RHmax (%)	95.7	95.1	95.2	95.4	95.5	95.8	95.6	95.6	96.1	96.2
RHMin (%)	63.0	58.6	57.6	55.5	53.2	51.2	49.9	50.5	51.4	51.3
RHmean (%)	79.3	76.8	76.4	75.4	74.3	73.5	72.7	73.0	73.7	73.7
SShr (hrs)	46.0	49.5	48.5	51.0	49.5	50.5	51.0	47.0	44.5	40.5
WD (deg)	208	213	202	189	202	201	199	201	197	196
WS(Km/hr)	2.9	3.1	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions		
Temperature (°C)	>15°C	20-28°C
Relative Humidity	73-79%	
Soil Temperature (°C)	18-26°C	
Sunshine (hr)	5.5-7.0 hr	

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	