



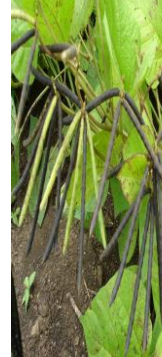


Crop Weather Calendar of Green Gram Kharif-1: Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) **Bangladesh**

Region: Mymensingh	Green Gram Kharif-1						Duration: 65-70 days			
Months	April			May			June			
Std.Week/Normal	14	15	16	17	18	19	20	21	22	23
Rainfall (mm)	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0
Max. Temp. (°C)	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0
Min. Temp. (°C)	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6
Mean Temp. (°C)	27.0	27.6	27.5	27.3	27.3	27.8	28.2	28.2	28.5	28.8
RHmax (%)	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94	94.1
RHMin (%)	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0
RHmean (%)	72.5	73.8	76.1	77.0	78.5	79.3	79.6	81.1	83.0	83.6
SShr (hrs)	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0
WD (deg)	149	146	143	128	126	134	131	126	130	142
WS(Km/hr)	7.2	6.8	7.2	7.6	7.4	6.8	7.4	7.4	6.8	6.1
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions	
Temperature (°C)	>15°C 27-29°C
Relative Humidity	72-84%
Soil Temperature (°C)	25-27°C
Sunshine (hr)	5.0-7.0hr

Congenial Weather Condition for Pests & Diseases	
Cercospora leaf spot	Temperature 25-35°C with high temperature above 16°C and RH 90-95%.
Yellow mosaic	Temperature 17-30 °C RH 65-70% and rainfall 8-10 mm (for vector: white fly)
Thrips	Dry and moderately high temperature (16-28 °C), Rainfall 30 mm
Aphids	Temperature 18-25°C and RH 60-70%
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