






Crop Weather Calendar of Green Gram Kharif-1: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj) **Bangladesh**

Region: Dhaka	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)	25.0	21.0	31.5	42.5	46.0	55.5	55.0	75.5	70.0	72.5
Max. Temp. (°C)	33.9	34.6	34.1	33.8	33.6	33.7	33.7	33.2	33.5	33.4
Min. Temp. (°C)	22.9	23.5	23.7	23.6	23.7	24.2	24.6	24.9	25.4	25.8
Mean Temp. (°C)	28.4	29.0	28.9	28.7	28.6	28.9	29.2	29.0	29.4	29.6
RHmax (%)	91.3	91.4	91.4	91.7	92.3	92.8	92.9	93.5	93.8	94.0
RHMin (%)	45.9	47.1	52.0	55.1	56.7	58.6	60.4	63.5	65.0	66.7
RHmean (%)	68.6	69.2	71.7	73.4	74.5	75.7	76.7	78.5	79.4	80.3
SShr (hrs)	53.5	54.0	55.0	54.5	51.5	48.0	48.0	42.5	42.0	38.5
WD (deg)	181	175	167	156	159	164	156	155	157	161
WS(Km/hr)	6.5	6.6	6.6	6.7	6.8	6.5	6.4	6.1	5.8	5.6
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions		
Temperature (°C)	>15°C	28-30°C
Relative Humidity	65-80%	
Soil Temperature (°C)	26-28°C	
Sunshine (hr)	5.5-7.5hr	

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		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	