






**Crop Weather Calendar of Green Gram Kharif-1:Khulna Region (Districts:Khulna, Satkhira, Bagerhat and Narail)Bangladesh**

Region: Khulna	Green Gram Kharif-1							Duration: 65-70 days		
Months	April		May					June		
Std.Week/Normal	20	21	22	23	24	25	26	27	28	29
Rainfall (mm)	37.0	47.5	50.0	52.0	77.5	79.0	93.5	92.0	74.5	94.0
Max. Temp. (°C)	35.3	35.1	35.0	34.7	33.4	32.7	32.3	32.0	32.1	31.8
Min. Temp. (°C)	25.8	26.0	26.4	26.8	26.2	26.3	26.1	26.0	26.2	26.1
Mean Temp. (°C)	30.6	30.5	30.7	30.7	29.8	29.5	29.2	29.0	29.1	28.9
RHmax (%)	93.4	93.7	93.9	94.2	95.1	95.7	95.8	96.0	95.5	95.9
RHMin (%)	57.9	60.7	62.0	64.9	70.2	73.3	75.1	75.5	74.6	77.0
RHmean (%)	75.7	77.2	77.9	79.5	82.6	84.5	85.4	85.7	85.1	86.4
SShr (hrs)	55.0	47.0	50.0	41.5	29.5	23.5	25.0	21.5	27.0	24.5
WD (deg)	177	180	184	178	170	175	179	186	175	175
WS(Km/hr)	7.1	7.2	7.3	6.7	6.8	6.8	6.8	5.6	5.6	6.6
Stages										
	Germination	Vegetative					Flowering	Pod initiation	Maturity to Harvesting	

Favorable Weather Conditions		
Temperature (°C)	>15°C	29-31°C
Relative Humidity	76-86%	
Soil Temperature (°C)	27-29°C	
Sunshine (hr)	3.5-7.5hr	

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	