






Crop Weather Calendar of Green Gram Kharif-1: Rajshahi Region (Districts:Rajshahi, Chapainawabganj, Naogaon and Natore)Bangladesh

Region:Rajshahi	Green Gram Kharif-1						Duration: 65-70 days			
Months	March		April				May			
Std.Week/Normal	12	13	14	15	16	17	18	19	20	21
Rainfall (mm)	4.0	14.0	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0
Max. Temp. (°C)	34.6	35.0	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0
Min. Temp. (°C)	19.4	20.6	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0
Mean Temp. (°C)	27.0	27.8	29.1	29.9	29.9	29.9	29.6	29.8	29.9	30.0
RHmax (%)	88.3	89.1	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1
RHMin (%)	30.4	35.9	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3
RHmean (%)	59.4	62.5	61.6	61.8	65.8	67.9	71.1	72.3	74.5	75.7
SShr (hrs)	59.0	52.0	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0
WD (deg)	208	186	185	174	167	147	136	136	135	126
WS(Km/hr)	5.6	5.6	6.1	5.7	7.2	7.4	7.4	7.2	7.2	7.2
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions		
Temperature (°C)	>15°C	27-30°C
Relative Humidity	60-76%	
Soil Temperature (°C)	25-28°C	
Sunshine (hr)	7.0-8.0 hr	

Congenial Weather Condition for Pests & Diseases				
Cercospora leaf spot		Temperature 25-35°C with high temperature above 16°C and RH 90-95%.		
Yellow mosaic virus		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	