






**Crop Weather Calendar of Green Gram Robi :Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchaghar)Bangladesh**

Region: Dinajpur	Green Gram Robi						Duration: 65-70 days			
Months	March			April			May			
Std.Week/Normal	10	11	12	13	14	15	16	17	18	19
Rainfall (mm)	1.0	4.0	2.0	7.0	8.0	8.0	25.0	23.0	31.0	36.0
Max. Temp. (°C)	30.1	31.1	32.0	32.1	33.0	33.4	33.0	32.4	32.3	32.9
Min. Temp. (°C)	16.1	17.1	18.6	19.7	20.4	21.1	22.0	22.0	22.3	22.9
Mean Temp. (°C)	23.1	24.1	25.3	25.9	26.7	27.3	27.5	27.2	27.3	27.9
RHmax (%)	88.9	87.6	86.0	87.1	86.6	87.4	89.4	91.1	92.3	92.0
RHMin (%)	35.3	35.1	36.4	43.3	40.9	43.4	50.9	53.7	57.6	57.3
RHmean (%)	62.1	61.4	61.2	65.2	63.8	65.4	70.2	72.4	75.0	74.7
SShr (hrs)	59.0	59.0	55.0	49.0	52.0	55.0	49.0	50.0	49.0	51.0
WD (deg)	230	212	192	170	171	150	142	123	118	115
WS(Km/hr)	4.3	5.4	5.6	5.0	5.6	4.8	4.8	5.4	3.9	3.7
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions	
Temperature (°C)	>15°C 23-28°C
Relative Humidity	61-75%
Soil Temperature (°C)	21-26°C
Sunshine (hr)	7.0-8.0hr

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	