






## Crop Weather Calendar of Kharif Ground Nut: Faridpur Region (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj) Bangladesh

Region: Faridpur	Kharif Ground Nut												Duration: 120-130 days					
Months	February				March				April				May				June	
Std. Week/Normal	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Rainfall (mm)	3.5	5.5	5.0	7.5	5.0	6.5	7.0	12.5	18.5	21.0	20.5	27.5	41.5	48.0	46.5	52.5	61.0	67.5
Max. Temp. (°C)	26.5	27.4	28.5	29.5	30.7	31.8	32.9	33.8	33.4	34.2	34.8	34.5	34.2	34.0	34.1	34.0	33.7	33.8
Min. Temp. (°C)	13.1	13.9	15.5	16.0	17.3	18.5	19.5	21.2	21.8	23.0	23.5	24.0	24.0	23.7	24.2	24.6	25.0	25.5
Mean Temp. (°C)	19.8	20.7	22.0	22.7	24.0	25.1	26.2	27.5	27.6	28.6	29.1	29.2	29.1	28.8	29.1	29.3	29.4	29.7
RHmax (%)	94.7	94.7	94.1	93.8	93.4	92.7	92.4	92.9	93.2	93.0	92.9	92.6	93.3	93.6	94.1	93.8	94.1	94.8
RHMin (%)	46.2	43.3	43.3	41.5	39.5	38.8	38.4	42.1	46.7	49.0	50.2	53.8	56.9	59.9	61.3	63.3	65.5	67.3
RHmean (%)	70.4	69.0	68.7	67.7	66.4	65.7	65.4	67.5	69.9	71.0	71.5	73.2	75.1	76.7	77.7	78.5	79.8	81.0
SShr (hrs)	49.0	52.0	52.0	53.0	54.5	53.0	54.5	51.5	50.5	52.5	53.0	54.5	52.5	49.5	49.5	49.0	40.5	41.0
WD (deg)	205	203	214	217	222	230	230	216	200	199	197	187	187	182	190	183	187	190
WS(Km/hr)	3.4	3.1	4.0	4.3	4.5	4.5	4.5	5.5	5.6	6.1	6.1	6.4	6.5	6.2	6.1	5.8	5.6	5.7
Phases																		
	Germination	Vegetative				Flowering				Pod initiation				Maturity to Harvesting				

Favorable Weather Conditions					
Temperature	>14°C	22 to 28°C		24-34°C	
Relative Humidity (%)	50-85%				
Soil temperature (°C)	21 to 30°C				
Rainfall(mm)	500 to 700 mm				
Solar radiation	Plenty sunshine				
Normal Phase wise water requirement (mm)	150 mm	150-400 mm		400-500 mm	

Congenial Weather Condition for Pests & Diseases			
Leaf spot	Temperature 18-35°C and Rainfall at least 60mm		
Rust	Temperature 20-26°C, Relative Humidity above 85% and 3 days rain in a week		
Foot rot/Stem rot	Tem. 20-25°C, RH above 85% and heavy rain		
Bud Necrosis	Dry and moderately high temperature (16-28 °C), Rainfall 30 mm (for vector)		
Hairy caterpillar	Hot and humid weather		
Jassids	Dry and hot weather (30-38°C)		
Thrips	Dry and moderately high temperature (16-28 °C), Rainfall 30 mm		
Termite	Temperature 24° C- 34° C, sandy-sandy loam soil		

Weather Warning			
Rainfall	>100mm/day	>100mm/day	>50mm/day
Duration of wet spell	>30mm for 10days	>30mm for 10days	>30mm for 10days
Cloudy Weather			Cloudy weather
Drought	15days	15 days	15 days
High wind	28KM/HR	22KM/HR	25KM/HR
Hail Storm	Hail Storm	Hail Storm	Hail Storm
Temperature	Min. <14°C & max >34°C		