






Crop Weather Calendar of Kharif Ground Nut: Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchagarh) Bangladesh

Region: Dinajpur	Karif Ground Nut										Duration: 120-130 days							
	March		April				May				June				July			
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Std. Week/Normal																		
Rainfall (mm)	2.0	7.0	8.0	8.0	25.0	23.0	31.0	36.0	57.0	55.0	73.0	57.0	77.0	111.0	96.0	109.0	105.0	81.0
Max. Temp. (°C)	32.0	32.1	33.0	33.4	33.0	32.4	32.3	32.9	33.0	33.0	33.4	33.3	33.0	32.3	32.4	32.0	32.1	32.1
Min. Temp. (°C)	18.6	19.7	20.4	21.1	22.0	22.0	22.3	22.9	23.6	24.0	24.4	25.0	25.1	25.6	26.0	26.0	26.0	26.0
Mean Temp. (°C)	25.3	25.9	26.7	27.3	27.5	27.2	27.3	27.9	28.3	28.5	28.9	29.2	29.1	29.0	29.2	29.0	29.1	29.1
RHmax (%)	86.0	87.1	86.6	87.4	89.4	91.1	92.3	92.0	92.1	92.4	92.7	93.4	93.9	94.7	94.4	95.1	94.6	94.4
RHMin (%)	36.4	43.3	40.9	43.4	50.9	53.7	57.6	57.3	59.3	62.4	62.3	65.4	67.7	71.4	71.6	73.3	72.7	71.9
RHmean (%)	61.2	65.2	63.8	65.4	70.2	72.4	75.0	74.7	75.7	77.4	77.5	79.4	80.8	83.1	83.0	84.2	83.7	83.2
SShr (hrs)	55.0	49.0	52.0	55.0	49.0	50.0	49.0	51.0	48.0	44.0	42.0	40.0	35.0	27.0	31.0	27.0	29.0	31.0
WD (deg)	192	170	171	150	142	123	118	115	119	108	117	111	118	120	121	127	121	126
WS(Km/hr)	5.6	5.0	5.6	4.8	4.8	5.4	3.9	3.7	4.3	3.7	3.9	3.7	3.7	3.7	3.7	3.7	3.7	3.9
Phases																		
	Germination	Vegetative				Flowering				Pod initiation				Maturity to Harvesting				

Favorable Weather Conditions				
Temperature	>14°C	22 to 28°C	24-34°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	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)			
Termite	Temperature 24° C- 34° C, sandy-sandy loam soil			

Weather Warning				
Rainfall	>100mm/day	>100mm/day	>100mm/day	>50mm/day
Duration of wet spell	>30mm for 10days	>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			