


## Crop Weather Calendar of Kharif Ground Nut: Barishal Region (Districts: Barishal, Jhalakati, Patuakhali, Pirujpur, Barguna, Bhola) Bangladesh

Region: Barishal	Kharif Ground Nut												Duration: 120-130 days					
Months	January				February				March				April			May		
Std. Week/Normal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rainfall (mm)	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7	25.0	34.7	40.7
Max. Temp. (°C)	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7	33.5	33.5	33.6
Min. Temp. (°C)	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0	24.6	24.4	24.4
Mean Temp. (°C)	18.9	18.9	19.2	19.4	20.5	21.2	22.5	23.3	24.5	25.6	26.6	27.6	27.9	28.5	28.8	29.1	29.0	29.0
RHmax (%)	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4	96.0	96.0	96.1
RHMin (%)	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.8	61.9	62.5	64.2
RHmean (%)	74.1	73.6	73.1	71.4	71.7	70.9	71.6	71.0	70.8	71.2	71.0	73.6	75.4	77.3	78.1	78.9	79.3	80.1
SShr (hrs)	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3	54.7	51.7	49.0
WD (deg)	209	211	204	216	217	211	214	211	214	226	218	210	198	200	198	197	191	190
WS(Km/hr)	4.5	4.4	4.5	4.3	5.0	4.6	4.9	4.9	5.1	5.2	5.4	6.3	6.7	6.9	7.0	7.5	7.2	7.0
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 3days 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	>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	22KM/HR	25KM/HR
Hail Storm	Hail Storm	Hail Storm	Hail Storm	Hail Storm
Temperature	Min. <14°C & max >34°C			