






## Crop Weather Calendar of Kharif Ground Nut: Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) Bangladesh

Region: Rajshahi	Kharif Ground Nut										Duration: 120-130 days							
Months	March				April				May			June			July			
Std. Week/Normal	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rainfall (mm)	4.0	3.0	4.0	14.0	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0	34.0	48.0	51.0	78.0	72.0	66.0
Max. Temp. (°C)	32.1	33.1	34.6	35.0	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0	35.3	35.0	33.9	33.1	33.0	32.7
Min. Temp. (°C)	16.4	17.6	19.4	20.6	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0	25.4	25.9	26.0	26.0	26.0	26.0
Mean Temp. (°C)	24.3	25.4	27.0	27.8	29.1	29.9	29.9	29.9	29.6	29.8	29.9	30.0	30.4	30.5	30.0	29.6	29.5	29.4
RHmax (%)	90.3	88.7	88.3	89.1	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1	93.7	94.6	95.4	96.1	96.6	96.6
RHMin (%)	32.7	30.4	30.4	35.9	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3	58.9	62.6	67.9	71.1	73.4	73.7
RHmean (%)	61.5	59.6	59.4	62.5	61.6	61.8	65.8	67.9	71.1	72.3	74.5	75.7	76.3	78.6	81.7	83.6	85.0	85.2
SShr (hrs)	59.0	59.0	59.0	52.0	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0	51.0	48.0	35.0	31.0	31.0	30.0
WD (deg)	220	214	208	186	185	174	167	147	136	136	135	126	133	139	129	127	132	141
WS(Km/hr)	5.4	5.4	5.6	5.6	6.1	5.7	7.2	7.4	7.4	7.2	7.2	7.2	7.2	6.7	6.7	6.8	6.8	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 3days rain in a week.				
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		>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	Mimum. <14°C & max >34°C				