






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

Region: Barishal	Robi Ground Nut												Duration: 140-150 days								
Months	November				December				January				February				March				
Std. Week/Normal	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
Rainfall (mm)	25.3	9.0	6.0	7.0	1.7	4.0	1.3	0.7	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
Max. Temp. (°C)	30.5	29.9	29.3	28.3	27.8	27.0	26.2	25.7	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
Min. Temp. (°C)	21.0	19.6	18.4	16.7	15.6	14.9	14.0	13.1	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
Mean Temp. (°C)	25.7	24.8	23.9	22.5	21.7	21.0	20.1	19.4	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
RHmax (%)	97.7	97.8	97.8	97.8	98.0	97.9	98.2	98.2	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
RHMin (%)	60.7	56.6	53.7	51.8	50.6	50.9	50.7	50.3	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
RHmean (%)	79.2	77.2	75.8	74.8	74.3	74.4	74.4	74.3	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
SShr (hrs)	47.3	49.0	50.0	51.3	48.7	46.3	44.3	43.7	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
WD (deg)	214	232	217	212	225	223	212	212	209	211	204	216	217	211	214	211	214	226	218	210	198
WS(Km/hr)	3.1	2.7	3.3	3.6	3.1	3.4	3.3	3.9	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
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	21 to 30°C	21 to 30°C	21 to 30°C
Rainfall(mm)	500 to 700 mm			
Solar radiation	Plenty sunshine		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/Tikka disease	Temperature 18-35°C, 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 virus	Dry and moderately high temperature (16-28 °C), Rainfall 30 mm (for vector)		
Hairy caterpillar	Hot and humid weather		
Jassids	Dry and hot (30-38°C) weather		
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. temp <14°C & max temp >34°C		