






Crop Weather Calendar of Robi Ground Nut: Dhaka Region (Districts:Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj)
Bangladesh

Region: Dhaka	Robi Ground Nut												Duration: 140-150 days								
Months	October		November				December				January				February				Mar.		
Std.Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10
Rainfall (mm)	40.5	26.0	12.5	10.0	6.0	1.5	4.5	1.5	4.5	1.0	3.5	1.0	0.0	0.0	0.5	3.5	3.5	2.5	12.0	3.5	4.0
Max. Temp. (°C)	32.0	31.5	30.9	30.6	29.8	29.0	28.3	27.6	26.2	25.5	24.8	24.0	23.9	24.5	25.0	26.2	27.2	28.3	28.9	30.0	31.5
Min. Temp. (°C)	23.8	22.3	21.5	20.5	18.7	17.7	16.1	15.5	14.7	13.5	12.9	12.4	12.0	12.0	12.1	13.6	14.3	15.5	16.5	17.5	18.6
Mean Temp. (°C)	27.9	26.9	26.2	25.5	24.3	23.3	22.2	21.5	20.5	19.5	18.8	18.2	17.9	18.3	18.6	19.9	20.7	21.9	22.7	23.7	25.0
RHmax (%)	95.0	94.8	94.5	95.0	94.7	94.6	94.3	94.8	95.3	95.1	95.0	94.6	94.3	93.8	93.4	92.4	92.1	91.7	91.1	90.0	89.9
RHMin (%)	60.2	55.5	54.6	51.5	49.3	47.5	46.3	47.6	49.4	49.8	49.1	50.3	48.8	46.2	43.3	42.3	39.4	39.7	38.9	36.0	35.5
RHmean (%)	77.6	75.2	74.6	73.2	72.0	71.0	70.3	71.2	72.3	72.5	72.1	72.4	71.6	70.0	68.3	67.3	65.7	65.7	65.0	63.0	62.7
SShr (hrs)	47.5	54.0	49.5	51.5	51.5	52.0	51.5	48.5	46.5	44.5	44.5	42.5	42.5	45.0	49.0	49.5	51.5	53.0	54.5	56.0	55.0
WD (deg)	192	190	190	189	199	212	211	219	224	225	233	238	238	232	242	241	236	234	228	234	230
WS(Km/hr)	4.1	3.8	3.7	3.7	3.7	3.7	3.6	3.7	3.7	3.7	3.7	4.1	4.0	4.1	4.3	4.3	4.5	5.0	5.3	5.0	5.4
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	21 to 30°C		21 to 30°C	
Rainfall(mm)	500 to 700 mm				
Solar radiation	Plenty sunshine		Plenty sunshine		Plenty sunshine
Normal Phase wise water requirement (mm)	150 mm	150-400 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	Mim temp<14°C &max temp >34°C				