






## Crop Weather Calendar of Robi Ground Nut:Rangpur Region (Districts:Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat) Bangladesh

Region: Rangpur	Ground Nut- Robi												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)	3.0	2.0	0.0	1.0	0.0	2.5	0.0	2.5	1.0	2.5	2.0	1.0	1.0	1.5	3.5	1.5	2.5	1.0	2.5	5.5	18.5
Max. Temp. (°C)	29.8	29.0	28.3	27.7	26.7	25.1	24.7	24.1	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5	28.5	29.9	30.8	31.6	31.4
Min. Temp. (°C)	19.0	17.5	16.4	15.0	14.2	13.5	12.5	11.5	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4	15.3	16.1	17.3	18.4	19.5
Mean Temp. (°C)	24.4	23.3	22.3	21.3	20.4	19.3	18.6	17.8	16.8	16.4	17.0	17.1	18.3	19.3	20.2	21.0	21.9	23.0	24.0	25.0	25.4
RHmax (%)	94.4	94.6	94.9	94.9	95.0	95.4	95.8	96.1	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9	91.4	89.8	88.7	88.1	87.7
RHMin (%)	55.9	54.0	50.9	50.6	53.5	56.2	56.2	55.2	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3	42.8	39.6	40.8	42.5	48.8
RHmean (%)	75.1	74.3	72.9	72.7	74.2	75.8	76.0	75.6	77.3	76.9	76.0	74.9	73.5	71.2	70.4	69.1	67.1	64.7	64.7	65.3	68.3
SShr (hrs)	55.0	52.0	54.0	53.0	49.5	41.5	42.5	40.0	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5	56.5	57.5	57.0	54.0	49.0
WD (deg)	106	126	134	150	129	158	160	187	199	214	199	210	208	192	201	201	201	207	196	179	152
WS(Km/hr)	6.6	6.3	6.4	5.6	6.0	5.7	5.6	5.6	5.7	5.7	5.7	5.6	6.2	6.6	7.5	7.2	7.7	7.8	8.2	8.7	8.7
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	>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. temp<14°C &max temp >34°C			