






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

Region: Rajshahi	Robi Ground Nut												Duration: 140-150 days								
Months	December				January				February				March				April				
Std. Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Rainfall (mm)	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0	14.0	13.0	10.0	19.0	17.0
Max. Temp. (°C)	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6	35.0	36.1	36.7	36.4	35.9
Min. Temp. (°C)	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4	20.6	22.1	23.0	23.4	23.9
Mean Temp. (°C)	20.5	19.6	18.9	18.0	17.5	17.4	17.5	17.9	18.8	19.5	20.9	21.7	22.8	24.3	25.4	27.0	27.8	29.1	29.9	29.9	29.9
RHmax (%)	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3	89.1	88.9	89.0	90.1	90.7
RHMin (%)	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4	35.9	34.3	34.6	41.4	45.1
RHmean (%)	70.8	73.0	72.7	72.9	72.9	71.8	71.6	70.5	70.0	68.0	67.1	64.3	63.1	61.5	59.6	59.4	62.5	61.6	61.8	65.8	67.9
SShr (hrs)	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0	52.0	57.0	57.0	57.0	56.0
WD (deg)	143	146	144	167	146	161	174	196	198	195	197	215	209	220	214	208	186	185	174	167	147
WS(Km/hr)	3.7	3.7	3.7	3.7	3.9	3.7	3.7	4.4	3.9	5.0	3.9	5.0	5.0	5.4	5.4	5.6	5.6	6.1	5.7	7.2	7.4
Phases																					
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 3 days rain in a week			
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			
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	25KM/HR	
Hail Storm	Hail Storm	Hail Storm	Hail Storm	
Temperature	Min. temp <14°C & max temp >34°C			