






Crop Weather Calendar of Robi Ground Nut: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

Region: Sylhet	Robi Ground Nut													Duration: 140-150 days							
Months	October				November				December					January				February			
Std.Week/Normal	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8
Rainfall (mm)	63.0	60.0	36.5	24.5	12.0	14.5	8.5	0.5	7.0	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0	2.5	4.0	8.0	11.5
Max. Temp. (°C)	31.9	31.7	31.6	31.4	30.9	30.1	29.6	29.0	28.2	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8	26.5	27.2	28.2	28.9
Min. Temp. (°C)	24.0	23.4	22.7	21.2	20.4	19.1	17.3	16.6	15.3	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1	12.1	12.6	13.7	14.4
Mean Temp. (°C)	27.9	27.5	27.2	26.3	25.7	24.6	23.5	22.8	21.7	21.1	20.3	19.3	18.8	18.3	18.0	18.2	18.4	19.3	19.9	21.0	21.6
RHmax (%)	96.4	96.1	96.0	95.6	95.4	95.2	95.2	95.3	95.5	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9	94.3	92.9	92.8	92.5
RHMin (%)	71.2	68.7	66.5	63.1	61.9	59.2	56.2	54.4	53.5	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1	45.8	42.3	42.5	41.7
RHmean (%)	83.8	82.4	81.3	79.3	78.6	77.2	75.7	74.9	74.5	73.0	74.6	74.2	74.4	74.6	75.0	73.1	71.5	70.1	67.6	67.7	67.1
SShr (hrs)	40.5	43.5	49.5	54.5	52.5	55.5	55.5	56.5	56.0	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0	50.5	55.0	53.5	55.5
WD (deg)	190	191	187	191	173	179	180	184	190	177	186	191	203	200	211	213	219	213	218	217	208
WS(Km/hr)	4.6	4.7	4.6	4.5	4.7	4.5	4.3	4.6	4.3	4.2	4.5	4.5	4.3	4.6	4.9	5.1	4.8	6.1	6.5	6.9	7.1
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	
Hail Storm	Hail Storm	Hail Storm	
Temperature	Min temp <14°C & max temp >34°C		