






Crop Weather Calendar of Robi Ground Nut: Rangmati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

Region: Rangamati	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)	53.0	30.0	39.0	10.0	9.0	22.0	6.0	6.0	19.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	10.0
Max. Temp. (°C)	32.3	31.7	31.7	31.3	31.0	30.3	29.7	29.0	28.1	27.6	27.0	26.0	26.0	25.7	25.6	26.0	26.6	27.0	28.3	29.3	29.9
Min. Temp. (°C)	24.3	24.0	23.9	23.0	22.4	21.3	20.0	19.1	17.7	16.9	16.1	15.1	14.7	14.0	13.6	13.1	13.0	14.1	14.4	16.0	16.3
Mean Temp. (°C)	28.3	27.9	27.8	27.2	26.7	25.8	24.9	24.1	22.9	22.3	21.6	20.6	20.4	19.9	19.6	19.6	19.8	20.6	21.4	22.7	23.1
RHmax (%)	94.0	94.4	94.3	94.7	94.0	94.6	94.9	94.9	94.9	95.0	95.0	95.4	95.4	95.0	94.7	94.3	94.3	93.4	92.9	91.7	91.0
RHMin (%)	69.3	68.7	67.0	64.9	65.0	62.9	61.1	58.6	57.6	56.6	55.1	55.3	53.0	51.6	50.1	46.1	43.9	44.9	41.7	42.1	39.4
RHmean (%)	81.7	81.6	80.7	79.8	79.5	78.8	78.0	76.8	76.3	75.8	75.1	75.4	74.2	73.3	72.4	70.2	69.1	69.2	67.3	66.9	65.2
SShr (hrs)	44.0	42.0	49.0	49.0	47.0	52.0	52.0	55.0	55.0	53.0	53.0	50.0	53.0	52.0	50.0	53.0	56.0	53.0	57.0	56.0	56.0
WD (deg)	195	211	204	202	178	195	185	186	174	169	173	161	161	165	152	162	173	160	176	170	178
WS(Km/hr)	3.7	3.7	3.7	3.5	3.7	3.7	3.7	3.5	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.3	3.7
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		
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				
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				

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				