






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

Region: Jashore	Robi Ground Nut													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)	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0
Max. Temp. (°C)	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4	33.6	34.7	34.6
Min. Temp. (°C)	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7	19.0	20.8	21.8
Mean Temp. (°C)	25.3	24.2	23.1	21.8	20.9	20.0	19.0	18.3	17.7	17.6	18.0	18.2	19.3	20.5	21.8	22.8	23.7	25.0	26.3	27.7	28.2
RHmax (%)	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5	92.1	92.1	92.4
RHMin (%)	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4	34.9	36.7	42.0
RHmean (%)	74.0	72.8	71.9	70.8	71.2	72.5	72.5	71.8	72.5	71.6	71.2	69.8	69.5	68.2	67.5	66.5	64.9	63.9	63.9	64.4	67.2
SShr (hrs)	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	47.5	49.5	50.0	54.5	55.0	54.0	55.0	53.0	51.5
WD (deg)	175	177	179	178	184	183	177	174	158	156	188	192	186	191	203	214	219	213	230	212	208
WS(Km/hr)	2.3	2.4	2.3	2.4	2.3	2.4	2.5	2.5	3.0	3.0	3.0	3.0	3.2	3.1	3.3	3.7	3.5	3.9	4.1	4.4	4.7
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	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	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	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	25KM/HR	
Hail Storm	Hail Storm	Hail Storm	Hail Storm	
Temperature	Min. temp <14°C & max temp >34°C			