






Crop Weather Calendar of Robi Ground Nut:FaridpurRegion (Districts:Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj) Bangladesh

| Region:Faridpur | 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) | 43.0 | 44.0 | 43.0 | 20.5 | 11.5 | 11.0 | 8.0 | 3.0 | 4.5 | 0.5 | 3.5 | 0.5 | 2.0 | 0.5 | 0.5 | 0.5 | 1.5 | 3.5 | 5.5 | 5.0 | 7.5 |
| Max. Temp. (°C) | 32.4 | 32.4 | 32.0 | 31.5 | 30.9 | 30.4 | 29.7 | 29.2 | 28.0 | 27.5 | 26.5 | 25.5 | 25.1 | 24.3 | 24.4 | 24.8 | 25.4 | 26.5 | 27.4 | 28.5 | 29.5 |
| Min. Temp. (°C) | 25.5 | 25.0 | 24.0 | 22.6 | 22.0 | 20.7 | 19.1 | 18.2 | 16.4 | 15.2 | 14.7 | 13.7 | 12.9 | 12.2 | 12.0 | 12.1 | 12.1 | 13.1 | 13.9 | 15.5 | 16.0 |
| Mean Temp. (°C) | 28.9 | 28.7 | 28.0 | 27.1 | 26.4 | 25.5 | 24.4 | 23.7 | 22.2 | 21.3 | 20.6 | 19.6 | 19.0 | 18.3 | 18.2 | 18.4 | 18.7 | 19.8 | 20.7 | 22.0 | 22.7 |
| RHmax (%) | 96.0 | 95.9 | 95.7 | 95.1 | 95.2 | 95.4 | 95.5 | 95.8 | 95.6 | 95.6 | 96.1 | 96.2 | 96.0 | 95.7 | 95.4 | 95.5 | 95.2 | 94.7 | 94.7 | 94.1 | 93.8 |
| RHMin (%) | 69.3 | 66.2 | 63.0 | 58.6 | 57.6 | 55.5 | 53.2 | 51.2 | 49.9 | 50.5 | 51.4 | 51.3 | 51.0 | 52.2 | 50.9 | 48.9 | 46.3 | 46.2 | 43.3 | 43.3 | 41.5 |
| RHmean (%) | 82.7 | 81.0 | 79.3 | 76.8 | 76.4 | 75.4 | 74.3 | 73.5 | 72.7 | 73.0 | 73.7 | 73.7 | 73.5 | 73.9 | 73.1 | 72.2 | 70.7 | 70.4 | 69.0 | 68.7 | 67.7 |
| SShr (hrs) | 39.5 | 43.0 | 46.0 | 49.5 | 48.5 | 51.0 | 49.5 | 50.5 | 51.0 | 47.0 | 44.5 | 40.5 | 43.0 | 41.5 | 39.5 | 44.5 | 50.0 | 49.0 | 52.0 | 52.0 | 53.0 |
| WD (deg) | 206 | 220 | 208 | 213 | 202 | 189 | 202 | 201 | 199 | 201 | 197 | 196 | 183 | 191 | 191 | 210 | 204 | 205 | 203 | 214 | 217 |
| WS(Km/hr) | 3.7 | 3.1 | 2.9 | 3.1 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 3.1 | 3.4 | 3.6 | 3.3 | 3.4 | 3.4 | 3.1 | 4.0 | 4.3 |
| 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 | | |
| 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 | 25KM/HR |
| Hail Storm | Hail Storm | Hail Storm | Hail Storm |
| Temperature | Min. temp<14°C & max temp >34°C | | |