



Limagrains India

Data Sheet

SUNFLOWER – LG 50801



Crop duration 100-110 days

Plant Height 170-190 cm

Oil% 42-44

Head Convex
(Half turned down)



Telephone +91 912 134 4123
customer@limagrains.com
www.lgseeds.in

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BEST PRACTICE - SUNFLOWER

Sowing time

Kharif	June to July
Rabi	November to January

Seed rate

2-3 kg per Acre, an optimum population of 20,000 to 22,000/acre is recommended for good yield

Seed treatment

Treat seed with Thiram@ 2.5 g/kg of seed

Spacing

Row to Row 60 cm and Plant to Plant 30 cm

Field Preparation

- Avoid water logging conditions
- One deep ploughing and followed by 2-3 harrowing and to apply 5 ton compost/acre during last harrowing

Sowing method

Sow the seed on one side of ridge by hand dibbling under irrigation.

Fertilizer recommendation (Kg/Acre)

Fertilizer	Urea	SSP	MOP	Zinc
At the time of sowing	25	225	40	40-50
35-40 days after sowing	25	-	-	-

Fertilizer's recommendations may slightly vary from soil to soil and location to location. Need-based application of zinc is also recommended for better yields

Weed control

Field should be free from weeds. Control of weed as per farmers practice hence could be used herbicide (Pendimethalin 6ml/lit water) at pre-emergence (second day of 1st irrigation just after sowing)

Water Management

First irrigation just after sowing and followed by as per need, sensitive stage for irrigation are bud stage & seed filling stage

Disease Management

Description	Dosages
Powdery mildew	Sulphur dust at 25-30kg/ha or Calixin 1 ml/litre Under high incidences spraying of Difenconazole 1ml/litre
Downey mildew	Redomil MZ 72WP @ 3g/lit – 20,40 & 60 days after sowing
Sunflower Necrosis	Seed treatment with Gaucho 70ws@ 4-5gm /kg Confidor 200SL -.5ml/Lit before 20 days and 35 Days after sowing

Harvesting, Threshing and Yield

Harvesting at physiological maturity when starting leaves and head for drying.

