



लक्ष्मी सीड्स

SUGGESTIONS FOR HIGHER GRAM CROP YIELD





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RESEARCH VARIETY

GNG-1581



SELECTION AND PREPARATION OF THE FIELD

Chickpea can be grown in both light and heavy soils; however, saline and alkaline soils with poor drainage are unsuitable for the crop. Fields with medium to heavy soil should be ploughed once or twice.



SOWING TIME AND SOWING METHOD

Chickpeas can be sown between October 20 and November 15. Late sowing can be done up to November 25. For sowing, maintain a row-to-row distance of 30 cm and a seed depth of 7–8 cm.



SEED RATE AND SEED TREATMENT

Sow gram seeds at a rate of 22–25 kg per acre; for bold-seeded varieties, sow 25–30 kg per acre at the optimal time. For late sowing, use a seed rate of 30–33 kg per acre. To prevent root rot and wilt, treat the seeds before sowing with either 10 g of *Trichoderma harzianum* (powder-based), 1.5 g of Carbendazim (50 WP), or 2.5 g of Carbendazim (25 SD) per kilogram of seed.



MANURE AND FERTILIZERS

For a good gram (chickpea) yield, apply phosphorus at the rate of 8 kg per acre before sowing. In rain-fed areas, apply half of this quantity before sowing.



WEED CONTROL AND HOEING/WEEDING

Ensure that weeding and hoeing are carried out up to 5–6 weeks after sowing. In irrigated gram crops, perform a round of weeding and hoeing once the soil reaches the right moisture condition (battar) following irrigation.



IRRIGATION

Provide the first irrigation 50–55 days after sowing (at the branching stage), and the second irrigation if necessary 100 days after sowing. If only one irrigation is to be given, apply it 60–65 days after sowing.



HARVESTING

It is essential to harvest the crop at the right time. Excessive delay carries the risk of pod shedding. The crop should be harvested once most of the pods have ripened.



PLEASE NOTE

The advice provided above is based on our experience, field demonstrations and experiments conducted at our research centers. Results may vary due to factors such as weather, soil type, and specific farming conditions. We can only guarantee the quality of the produce, as other factors are beyond our control. The information provided here aims to ensure the happiness and success of farmers.

