

GROUND NUT

INTRODUCTION:

- Groundnut is the major oilseed crop in India and plays a major role in meeting the shortage of vegetable oil in the country.
- Groundnuts are important protein crops in India which are mostly grown under rainfed conditions.
- Peanuts are consumed either roasted or fried and salted.
- Groundnut contains about 45% oil and 20% protein. As a whole, peanuts are highly digestible.
- Groundnut oil is famous for its use in human diet and Gujarati people consume it as other food.
- The oil cake obtained after extraction of oil is a valuable organic manure and animal feed. It contains 7-8% N, 1.5% P₂O₅ and 1.5% K₂O.
- It is a good rotation crop. Being legume it builds soil fertility by fixing atmospheric nitrogen through root, bales which add about 12 to 40 kg N/ha and is an efficient cover crop for the land. also work as

1] Sowing time –

Kharif - Monsoon onset (June-July)

Rabi - November to December

2] Seed rate - Kharif :- 38 to 45 kg per acre

3] Spacing - spreading varieties: 60 cm x 10 cm

Bunch type varieties: 45cm x 10cm

4] Irrigation - as per requirement

5] Application of fertilizers (per acre)

FERTILIZERS	Per acre	
	BASAL	25 DAYS
FYM	10 t/acre	-
MYCORHIZA POWDER	100 gm/acre	100 gm
Urea [46-0-0]	30 Kg	30 Kg
DAP	50 Kg	25 Kg
SSP	100 Kg	50 Kg
MOP	40 Kg	25 Kg
MgSO ₄		10 Kg

Company Name

Katra Fertilizers & Chemical Pvt Ltd
(An Ezzy Group Enterprises)

Corporate Office

1304, Marathon Icon, NextGen Campus,
Opp. Peninsula Corporate Park,
Lower Parel (West), Mumbai - 400013 India

Factory Address

Survey No. 90/2/1, Gram Mehraj,
Khandwa Road, Khargone,
Madhya Pradesh - 451001 India

6] spray schedule:

DAYS	Growth Stages	FERTILIZERS	Potential Disease	Potential Pest
20 – 25	from sowing to planting	Katra Nano NPK 19-19-19 @ 200 g per acre + Katra nano micronutrient combi @ 50 g/acre	Fusarium wilt, root rot	white fly, aphid, green mosquito
40 -45	Vegetative Growth stages	Katara Nano Mono Ammonium Phosphate (12-61-0) @200 gm per acre + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre + Fugicin (Allicin 1.9 % SL) @ 100 ml/acre	Root rot, rust, termites Charcoal Rot, Yellow Mosaic Downy Mildew	White Mosquito, Green Mosquito, White Grub, Stem Fly, Thrips, Aphid Ball worm
60 - 65	Flowering stages	Katra Nano NPK Potassium Phosphate 00-52-34 @200 gm per acre + katra Nano Capsule (flower booster) @ 1 Caps/Acre	Powdery Mildew, Downy Mildew, Tikka Disease, Leaf Blight, Alternaria	Whitefly, Thrips, White Grub, Yellow Mosaic, Girdle Beetle, Bihar Hairy Caterpillar
80 -85	Pod Development/ Maturity stages	Neembin 1000 EC 1.7 ml/l of water + Virumin (Curcumin 1.9% SL) @ 100 ml/acre	Rust, Anthracnose, Powdery mildew blight, Charcoal rot Alternaria	Tikka Whitefly, White Grub, Termite Thrips, Chickpea Pod borer, Bollworm

Note:- In the information given in the chart, the spray schedule has been given keeping in mind the possible disease and Pest outbreak. For more details contact Kisan4U Dr

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WhiteFly



Aphid



White Grub



Behar Hairy Caterpillar



Chickpea pod borer



Charcoal rot



Tikka



Alternaria



Rust



Leaf blight

9] yield- 8 – 10 quintal/acre

KATRA[®]
FERTILIZERS

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