

SUGARCANE

INTRODUCTION:

- Sugarcane (*Saccharum officinarum* L.) is the main source of sugar in India and occupies a prominent position as a cash crop.
- India is the world's largest consumer and second largest producer of sugar, with only Brazil at the top.
- About 2.8 lakh farmers are cultivating sugarcane in a vast area of 4.4 lakh acres and more than 11 crore people in the country are directly or indirectly dependent on sugar industry.
- Sugarcane is one of the important commercial crops of India, which is 3.9. is grown in the area.
- A mature stalk is typically composed of 11–16% fiber, 12–16% soluble sugars, 2–3% non sugar carbohydrates, and 63–73% water.
- Some useful benefits of sugarcane: - Increase immunity, help in improving digestion, help in reducing fever, good in pregnancy, useful in diabetes.

1] Sowing time -

Start- January-February

Adsali - July-August

Pre-seasonal- October-November

2] Seed rate - Single budded - 1, 00,000 - 1, 25,000 sets/ha

Two Bedded - 50,000-60,000 sets/ha

Three Budded - 35,000-40,000 sets/ha

3] Spacing – Ridge and Furrow are prepared for planting generally at a distance of 100-120 cm.

4] Irrigation - as per requirement

5] Application of fertilizers (per acre)

FERTILIZERS	PER ACRE	
	BASAL	40 DAYS
FYM	15 t/acre	-
MYCORHIZA POWDER	100 gm/acre	100 gm
UREA [46-0-0]	150Kg	100 Kg
DAP	100 Kg	50 Kg
SSP	100 Kg	50 Kg
MOP	100 Kg	50 Kg
MgSO4		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	TREATMENT	POTENTIAL DISEASE	POTENTIAL PEST
20 – 30	Germination And Planting	Katra Nano NPK 19-19-19 @ 200 g/acre + Humus 100 @ 2 g/Lit + Katra nano micronutrient combi @ 50 g/acre	Fusarium Wilt, Root Rot	Whitefly, Aphid, Green Mosquito, Termites, White Grub
30 - 120	Tillering Stage	Katra Nano Mono Ammonium Phosphate (12-61-0) @200 gm per acre + Fungicin (Allicin 1.9% sl) @ 100ml/acre + Lysorus + miticide	Grassy Shoot, Rust, Yellow Leaf, Termite Charcoal Rot, Yellow Mosaic Downy Mildew	Top Shoot Borer, Green Mosquito, White Grub, Pyrilla, Termites Woolly Aphid
120 - 270	Vegetative Growth Stage	Katra Nano NPK Potassium Phosphate 00-52-34 @200 gm per acre + Atal (Micronutrient 10% Boron) @ 100 ml/acre + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre	Grassy Shoot, Red Rot, Rust, Smut, Leaf Blight, Yellow Leaf	Top Shoot Borer, Early Shoot Borer, Pyrilla, Woolly Aphid, White Grub, Termites
270- 365	Maturity Stage	Katra Nano NPK Potassium Phosphate 00-00-50 @200 gm/acre + ZINCOTAC (39.5% Zinc Oxide) @ 300 ml	Red Rot, Rust, Smut Anthracnose, Yellow Leaf, Blight Powdery Mildew	Top Shoot Borer, Early Shoot Borer, Pyrilla, White Grub, Termite Woolly Aphid, Bollworm

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

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Termite



Woolly Aphid



White Grub



Early Shoot Borer



Top Shoot Borer



Grassy Shoot



Red Rot



Rust



Smut



Yellow Leaf

9] Yield - 60- 80 tonne/acre



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