

SORGHUM

INTRODUCTION:

- Jowar is the most important food and fodder crop of dry land agriculture.
- Jowar is important as food and as fodder for livestock.
- Jowar is the fifth most important cereal crop in the world after wheat, maize, rice and barley.
- Jowar is adapted to hot and dry climates, but the largest area of the crop is cultivated in drought-prone regions of the world.
- In these areas, sorghum is usually grown in conditions of scanty rainfall, low soil fertility with limited inputs, and a wide range of diseases and pest problems.
- Feeding as food in poultry farming

1] Sowing time -

Kharif - June to July

Zayed :- February to March

2] Seed rate - 4 to 6 kg per acre

3] Spacing - 60 cm × 15 cm or 45 cm × 15 cm

4] Irrigation - Weekly interval as per requirement

5] Application of fertilizers (per acre)

FERTILIZERS	Per acre
FYM	15 t/ acre
Urea [46-0-0]	60 Kg
DAP □□ SSP	40 Kg
MOP	40 Kg
ZnSO 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	TREATMENTS	POTENTIAL DISEASE	POTENTIAL PEST
15 - 20	Seedling stage	Katra Nano NPK 19-19-19 @ 200 gm per acre + Katra nano micronutrient combi @ 50 g/acre	Seed and seedling rot	White fly, aphid
30 - 45	Vegetative growth stage	Katra Nano Mono Ammonium Phosphate (12-61-0) @200 g/acre + Flamingo (Emamectin Benzoate 3% Thiamethoxam 12% SG) 0.5 to 1 g/Lit of water + Fungus-G 1.5 g/Lit of water + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre	Leaf blight, downy mildew	white fly, stem fly, caterpillar
55 - 65	Tasseling stage	Katra Nano NPK Potassium Nitrate 00-52-34 @200 gm per acre + Zincotac (Zinc Oxide 39.5%) @ 2 ml/l of water + Banlarva (Emamectin Benzoate 5% SG) 4 gm/10 ltr of water	Powdery Mildew, Rust, Leaf Blight	Stem fly, Stem borer, Green mosquito, Worm
80 - 85	Milking stage	Katra Nano Potassium Phosphate 0-52-34 @ 200 gm/acre + Neem Extract Azadirachtin 1000 ppm EC 1.7ml/Lit of water	Ergut, Anthracnose, Rust, Leaf Blight	Stem fly, ear head bug
100 - 115	Maturity stage	Katra Nano NPK Potassium Nitrate 13-00-45 @ 200 gm/acre + Neembin 1000 EC 1.7 ml/l of water + Virumin (Curcumin 1.9% SL) @ 100 ml/acre + Fugicin (Allicin 1.9 % SL) @ 100 ml/acre	Grain mold, Anthracnose, Leaf Blight, Tidal Smut, Argut	Ear head bug, leaf borer, semilooper

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 Dr.

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Stem fly



Ear head bug



Stem borer



Grain mould



Smut



Leaf blight



Anthracnose



Downy mildew



rust



Ergut

9] Yield – 8-12 quintal per acre

FERTILIZERS

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