



पूर्णतः सहकारी स्वामित्व
Wholly owned by Cooperatives



CROP CARE & NUTRITION

SPECIALITY

PRODUCTS

**Guiding Farmers towards Tech- Farming and Ensuring
Economic and Environmental Sustainability**



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INNOVATION IN CROP CARE & NUTRITION

Promoting innovation in crop care and nutrition for enhancing the use efficiency of applied inputs and ensuring ecofriendly, sustainable and smart farming





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TERPAZ™

NEW GENERATION INSECTICIDE

Advanced Colloidal Technology

TERPAZ is a fortified botanical formulation. The azadirachtin compound is impregnated in the polymer matrix through colloidal technology for sustained and effective release, leading to prolonged insect control.

DOSE & DIRECTIONS OF USE

- Dilute 5 ml of TERPAZ in one litre of water and spray over the plant.
- TERPAZ can also be applied through drip irrigation to control nematodes.
- TERPAZ can be mixed with fertilisers and other bio nutrients.

MODE OF ACTION

- TERPAZ has marked anti feeding activity against a wide range of insect pests through contact chemoreception and behavioral modification.
- TERPAZ knocks down the caterpillars and sucking pests by interfering the enzyme production and cell proliferation.
- TERPAZ does not develop insecticide resistance and safe to beneficial organisms like predators, pollinators, parasitoids and earthworms in the crop ecosystem.



DRONE SPRAY

250 ml of TERPAZ per 10 litre of water

CIR-227286/2022

ORGANIC & ECO-FRIENDLY

Can be mixed with Nano Urea & Nano DAP for better insect control & higher yield

CONTENTS

Emulsifier	10.0 % w/w
Azadirachtin a.i	0.30 % w/w (3000 ppm)
Neem Oil	10.0 % w/w
Solvent & Phyto Stabilizer	Q.S % w/w
Total	100 % w/w

STORAGE

- Store in cool, dry place and away from sunlight.
- Keep the bottle closed when not in use.

CONTROLS

APHID, THRIPS,
WHITEFLY,
MEALYBUG &
CATERPILLARS



MIRAK^{FX}TM

BOTANICAL EXTRACTS AS BIO STIMULANT AND FUNGAL DISEASE RESISTANCE

MIRAK FX is a fortified antifungal formulation. The phytovolatile extracts contain aromatic secondary metabolites enriched with plant growth boosting bioactives. All the functional molecules are formulated using polymer technology for effective release and absorption in the plant system.

MODE OF ACTION

- ★ Hydrophobic components in MIRAK FX change the permeability of the microbial cell membrane for cations such as H⁺ and K⁺, thereby affecting the chemical composition of the cells and their activity.
- ★ Knocks down the plant pathogenic fungi by disrupting the cell wall and cell membrane, coagulating the cytoplasm, and damaging the cellular organelles.

CONTROLS

Blast, Leaf Spot, Wilt, Rust,
Root Rot & Mildews

COMPATIBILITY

Can be Mixed with
Nano Urea/Nano DAP for
higher yield & disease control

DRONE SPRAY

250 ml of MIRAK FX per 10 litre of
water



CONTENTS

Phyto Extracts	3 % w/w
Deionized Excipients (Enriched with Essential Oils)	97 % w/w
Total	100 %

DOSE & METHODS OF APPLICATION

- ★ Dilute 5 ml of MIRAK FX in one litre of water and spray over the plant.
- ★ MIRAK FX can also be applied through drip irrigation to control root diseases.
- ★ MIRAK FX can be mixed with fertilisers and other bionutrients.

STORAGE

- ★ Store in a cool, dry place and away from sunlight.
- ★ Keep the bottle closed when not in use.

Organic
ECO-FRIENDLY

FC01/26985/2022

NEUTRAX™

VITAL NUTRIENTS MIXTURE



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Zn, Fe, Mn, Mo, B, Cu, Mg

All Crop Formulation
Foliar spray, Fertigation and Root feeding

3MNM/CBE/2023-26

ADVANCED MICRO EMULSION TECHNOLOGY

Fortified with Amino Acid and Sulphate

UNIQUE TECHNOLOGY

NEUTRAX is an advanced formulation of chelated micronutrients, enriched with amino acid and sulphate. The micronutrients are bound to organic molecules using micro emulsion technology for higher absorption, translocation and assimilation in the plant system. It assures high nutrient use efficiency than any other normal formulation. The combination of chelation and micro emulsion technology ensure higher availability of vital nutrients to plant system. NEUTRAX increases the photosynthetic efficiency and enzyme activities leading to higher crop yield.

STORAGE

- ★ Store in a cool, dry place and away from sunlight.
- ★ Keep the bottle closed when not in use.

DRONE SPRAY

250 ml of NEUTRAX per 10 litre of water



INGREDIENTS (%)

Zinc (2.50), Iron (2.00), Manganese (1.00), Molybdenum (0.01), Boron (0.10), Copper (0.10), Magnesium (4.00), Chelating agents (1.20), Formulation excipients (2.00).

FOLIAR SPRAY

Dilute 1-2 ml of NEUTRAX in one litre of good quality water and spray over the crop during prime growth stages such as tillering, flowering, seed setting etc.

FERTIGATION

Dilute 1-2 ml NEUTRAX in one litre of good quality water and fertigate during prime growth stages such as tillering, flowering, seed setting etc.

ROOT FEEDING

10-25 ml per tree.

SurfaFour™

TANK MIX FOR FOLIAR SPRAY



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**STICKER
STIMULANT
SPREADER
SURFACTANT**

10 ml of SurfaFour per
10 litre tank

Boosts the efficiency of foliar
fertilisers, nanofertilisers,
insecticides, fungicides,
weedicides etc.



UNIQUE TECHNOLOGY

SurfaFour is a special formulation developed using zwitter ionic technology with hydrophilic and lipophilic moieties. It acts as a sticker, spreader, stimulant and surfactant. Adding SurfaFour to any formulation would enhance absorption and translocation in plants. The use efficiency of foliar based agricultural inputs shall be enhanced by SurfaFour. It is compatible with all types of anionic and cationic formulations, such as foliar fungicides, insecticides, weedicides and water soluble fertilisers. SurfaFour also promotes plant growth through the amine moiety.

ANTI TRANSPIRANT

CONTENTS

INGREDIENTS	Qty (w/w)
Phyto Extracts	3 %
Deionized Excipients (Enriched with Poly D Glucosamine)	97 %
Total	100 %

FC01/26985/2022

DOSE & USAGE

Dilute 0.5 - 1 ml of SurfaFour per litre of water. In this solution, add foliar chemicals as required, mix well and spray over the plant or apply around the root zone. SurfaFour can also be applied through drip.

DRONE SPRAY



100 ml of SurfaFour per 10 litre of spray solution

STORAGE

- ★ Store in a cool, dry place and away from sunlight.
- ★ Keep the bottle closed when not in use.

Manufactured by
IFFCO-NANOVENTIONS PRIVATE LIMITED

Customer Care @ 0422-291 0006

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ADVANCED FORMULATION TECHNIQUES UNDER STATE-OF-THE-ART PRODUCTION FACILITY

Enhancing the use efficiency of active ingredients is the prime
challenge in productive and profitable farming

Our unique formulation techniques and state-of-the-art production
facility ensure quality products to farmers at affordable price



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ATOMS INTO ASPIRATIONS



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