





# SPECIALITY PRODUCTS

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





#### **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



TM



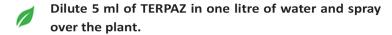
# TERPAZ

#### **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**





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.

#### 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



#### 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







#### **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



#### **CONTENTS**

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





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.





#### **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.

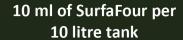
# SurfaFour

पूर्णतः सहकारी स्वामित्व Wholly owned by Cooperatives

**IFFCO** 

TANK MIX FOR FOLIAR SPRAY

STICKER
STIMULANT
SPREADER
SURFACTANT



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 Deionized Excipients (Enriched with Poly D Glucosamine)	3 % 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.

## 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









## **Get in Touch**

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