



Tiger Trace

— Granular Micronutrient Fertilizer —

Sulphur (S).....	650 g/kg
Copper (Cu).....	7 g/kg
Iron (Fe).....	10 g/kg
Manganese (Mn).....	7.5 g/kg
Zinc (Zn).....	90 g/kg

FERTILIZER GROUP 2

Batch number:

Manufacturing date:

Expiry date:

Mass

25 kg

General Application and Use Recommendations

TIGER TRACE, when used as a part of a balanced soil fertility program, can provide a significant source of boron. TIGER TRACE can be applied alone or blended with granular fertilizers. Amount required should be based on agronomic recommendations from soil tests, and plant tissue analysis.

Manufacturer:

(For Nulandis® (A division of AECI Limited)

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INORGANIC

Product Description:

Tiger Trace is a new formulation comprising of a combination of granular micronutrients that offers several improved features over conventional micronutrient sources, with improved handling, minimum to no dust and uniform sizing. **Tiger Trace** is a unique, micronutrient fertilizer that delivers agronomical and economically and provides excellent handling characteristics. **Tiger Trace** provides a cost effective method of preventing micronutrient deficiencies.

Application and Usage:

Tiger Trace, when used as part of a balanced soil fertility program, can provide a season-long source of iron, copper, manganese and zinc. **Tiger Trace** can be applied alone or blended with granular fertilizers. Amount required should be based on agronomic recommendations from soil tests and plant tissue analysis. Consult an agronomic consultant regarding micronutrient deficiencies if unsure of the symptoms.

General: The following factors are required for the elemental sulphur to convert to plant available sulphate.

1. **Microbial activity** – *Thiobacillus* bacteria is required to assist with the oxidation of the **Tiger Trace** product. Once oxidised, the sulphur is in a sulphate (SO_4^{2-}) form and available for plant uptake through the root system. Most soils contain sufficient *Thiobacillus* populations.
2. **Particle Size** – Sulphur needs to be broken down into fine particles to increase surface area for *Thiobacilli*. Nulandis's products ensure a very fine particle size for optimum conversion.
3. **Soil Temperature** – Maximum oxidation occurs at soil temperatures of 28-30°C, medium conversion above 10°C and very low to almost no conversion at temperatures of 5°C and lower.
4. **Soil Moisture** – Moist soil promotes oxidization. Dry and flooded soils slow the oxidation process. Ideal soil moisture is field capacity.
5. **Oxygen** – Needs to be present for conversion. Placing sulphur **Tiger Trace** deep into soil reduces SO_4 production somewhat.

Handling and Storage:

Tiger Trace will blend well with other granular fertilizer products. Correct blending and handling procedures should be followed when using **Tiger Trace**. Always use stringent dust control procedures to prevent concentrated flammable dusts from reaching a spark or flame source. Sulphur materials should not be blended and stored with strong oxidizing agents such as ammonium nitrate. Avoid extensive use of augers due to fracturing of the product.

First Aid

Skin Contact: Wash with mild soap and water. Seek medical attention if irritation occurs.

Eyes: Flush with running water for at least 15 minutes. Seek medical attention if irritation persists longer than 30 minutes.

Ingestion: Irritation may occur, seek medical attention.

Inhalation: Remove patient to fresh air environment. Seek medical attention.

Disclaimer: While every reasonable care has been taken to ensure that uniformity is correct, we do not warrant accuracy and recommend you obtain local and independent verification.