

# MICRONUTRIENT INDIVIDUAL PRODUCTS

PRODUCT	KEY NUTRIENT	CONCENTRATION
<b>MICRONIX SELENIUM 20%</b>	Se	20 %
<b>MICRONIX MOLYBDENUM 14%</b>	Mo	14 %
<b>MICRONIX IODINE 20%</b>	I	20 %
<b>MICRONIX MAGNESIUM 2%</b> <small>CHELATED</small>	Mg	2 %
<b>MICRONIX MANGANESE 4%</b> <small>CHELATED</small>	Mn	4 %
<b>MICRONIX COBALT 5%</b> <small>CHELATED</small>	Co	5 %
<b>MICRONIX ZINC 6%</b> <small>CHELATED</small>	Zn	6 %
<b>MICRONIX COPPER 7%</b> <small>CHELATED</small>	Cu	7 %

## MICRONUTRIENT SCIENCE & TARGETED PRODUCTS

The **Micronix™** Range of Trace Elements delivers a comprehensive suite of essential micronutrients that work in harmony with macronutrients like nitrogen, phosphorus, and potassium to maximise plant metabolism, growth, and resilience.

Each element contributes to a specific part of the nitrogen cycle - from uptake and reduction to amino acid and protein formation - ensuring nutrients are converted efficiently into plant biomass.

Balanced micronutrition not only supports vigorous crop performance but also improves feed quality and animal health through more nutrient-dense pasture.



### USAGE:

Varies on deficiencies.

### PACKAGING:

20L | 200L

### APPLICATIONS:

Mixed into liquid systems.



CLEVER by NATURE



# MICRONIX™

## Smart Micronutrient Solutions for Every Farming System



FOLIAR + SOIL



CHELATED



PRECISE BLEND



WIDELY COMPATIBLE

TRACE ELEMENT	INCLUDED IN MICRONIX™ 12	FUNCTION IN NITROGEN METABOLISM
Molybdenum (Mo)	✓	Required for nitrate reductase to convert NO <sub>3</sub> <sup>-</sup> to NH <sub>4</sub> <sup>+</sup>
Iron (Fe)	✓	Required for nitrite reductase in nitrate-to-ammonium conversion
Nickel (Ni)	✓	Activates urease enzyme to break down urea into ammonium (NH <sub>4</sub> <sup>+</sup> )
Manganese (Mn)	✓	Activates enzymes for amino acid synthesis
Magnesium (Mg)	✓	Essential for chlorophyll structure and amino acid metabolism
Selenium (Se)	✓	Enhances antioxidant defence and nitrogen metabolism
Boron (B)	✓	Regulates protein synthesis and nitrogen metabolism
Zinc (Zn)	✓	Activates enzymes involved in protein and hormone production
Calcium (Ca)	✓	Helps in enzyme activation and cell membrane stability
Copper (Cu)	✓	Supports enzymes involved in nitrogen metabolism and photosynthesis
Iodine (I)	✓	Involved in hormone-like functions influencing nitrogen uptake and protein synthesis
Cobalt (Co)	✓	Supports nitrogen fixation and enzyme systems in legumes and ruminant nutrition



The **Micronix™** range delivers precise, chelated trace elements and bioactives to boost nutrient efficiency and strengthen soil - plant health.

Designed for use across liquid, foliar, fertigation, and solid fertiliser systems, each **Micronix™** product simplifies trace element management while maximising yield and quality.

### FEATURES:

- Our liquid products require no dissolving of powders
- Precise range of essential micronutrients to support nitrogen metabolism and plant growth
- Granule and liquid solutions
- Designed for seamless integration into liquid fertiliser programs

### PRIMARY SECTORS:

- Agriculture
- Horticulture
- Turf



SCAN HERE FOR MORE PRODUCT INFORMATION & DETAILED APPLICATION RATES

Manufactured by: **Blue Pacific Minerals**  
11-17 Huttloc Drive, Tokoroa, 3420,  
New Zealand

P 0800 678 444 [www.bpmnz.co.nz](http://www.bpmnz.co.nz)

V2\_027

# Smart Micronutrient Solutions for Every Farming System

## MICRONIX™ 12

Broad-spectrum, ready-to-use micronutrient concentrate delivering twelve essential trace elements in chelated form to enhance nitrogen metabolism and protein synthesis.

### INGREDIENTS:

Boron (B) 9,460ppm, Calcium (Ca) 1,500ppm, Cobalt (Co) 700ppm, Copper (Cu) 3,750ppm, Iron (Fe) 1083ppm

Magnesium (Mg) 1,000ppm, Manganese (Mn) 2,600ppm, Molybdenum (Mo) 846ppm, Nickel (Ni) 2,235ppm, Selenium (Se) 176ppm

Iodine (I) 336ppm, Zinc (Zn) 2,334ppm

*Micronix™ 12 includes trace elements in chelated forms to enhance uptake efficiency.*

### USAGE:

Mix Rate: 1 Litre per Hectare with base nutrient liquid.

**Compatible with BPM & Industry Nutrient Solutions, including:** Dissolved urea, N-dominant liquid fertilisers, UAN, Biologicals, Fish and seaweed tonics

### PACKAGING

20ltr | 200ltr | 1000ltr



## MICRONIX™ 12BF

Builds on **MICRONIX™ 12** by adding activated kelp + fulvic acid, stimulating root exudation and microbial activity. Formulated to complement nitrogen-dominant blends such as UAN and dissolved urea.

This makes **MICRONIX™ 12BF** a high value additive for on farm use without the complications of individual inputs, measures and calculations

### KEY BENEFITS

- Accelerates nitrogen uptake & conversion
- Improves protein & chlorophyll formation
- Enhances stress tolerance & soil biology
- Compatible with most liquid fertiliser systems

### INGREDIENTS:

Includes the 12 micronutrients of **MICRONIX™ 12** with the addition of Fulvic acid and Activated Kelp extract.

### USAGE:

Mix Rate: 5 L / ha with base liquid nutrient.

### PACKAGING

20ltr | 200ltr | 1000ltr



## MICRONIX™ 12BH GRANULE

Functional Zeolite Nutrition with Activated Kelp & Humic Acid.

**MICRONIX™ 12BH GRANULE** merges the proven **MICRONIX™ 12** micronutrient blend with activated kelp and humic acid on natural zeolite technology.

This biologically active granule delivers sustained nutrition while building soil structure and long-term fertility.

Activated kelp provides natural growth regulators that stimulate root and shoot development, enhance chlorophyll production and boost stress tolerance.

Humic acid improves soil CEC, binds nutrients to reduce leaching, and lifts nitrogen efficiency when used with urea or NPK fertilisers.

The zeolite base adds moisture-holding and nutrient-buffering capacity, releasing ammonium and potassium as crops need them.

### KEY BENEFITS

- Supplies 12 chelated trace elements + organic activators
- Improves fertiliser efficiency and reduces nutrient loss
- Enhances root vigour and microbial activity
- Builds soil carbon and long-term fertility

### USAGE:

20 kg/ha applied with base fertiliser or banded at planting.

#### Applications:

Pre-plant, base blend or broadcast with solid fertilisers.

### PACKAGING

Bulk bag or 20 kg bags (50 per pallet)



## MICRONIX™ PROVENTIA GRANULE

Bioactive Zeolite Granule for Stress Resilience.

**MICRONIX™ PROVENTIA GRANULE** combines **Proventus™** technology from **Novonesis** with natural zeolite to deliver plant-stress-mitigating biology directly to the root zone.

While foliar **Proventus™** products act through the leaf, this soil-applied version positions the same biological actives at the roots, building resilience from establishment.

The **Proventus™** bioactives stimulate enzymatic and antioxidant pathways that help plants manage heat, drought and nutrient stress.

The zeolite carrier protects and releases these compounds gradually as moisture moves through the soil, promoting continuous microbial and root activity.

Together, they create a living root-zone buffer that stabilises nutrient uptake and strengthens crop performance.

### KEY BENEFITS

- Delivers Novonesis Proventus™ bioactives for stress management at the root zone
- Improves nutrient uptake and root establishment
- Maintains microbial balance and soil health
- Supports yield stability under environmental pressure

### USAGE:

20 kg/ha at planting or broadcast with base fertiliser.

#### Applications:

Seedbed incorporation, base blend or surface broadcast

### PACKAGING

Bulk bag or 20 kg bags (50 per pallet)

