

**NEXT  
GENERATION**

# NEXT GENERATION

Terrus Pro In-X Granules

# TERRUS PRO

**(4-2-4-2)**

**In-X**  
WITH BACSTIM®

**MORT & CO**  
FERTILISERS



## Typical Analysis

### TERRUS PRO In-X

**(4-2-4-2)**

	%w/w
Nitrogen as organic %	3.8
<b>Total Nitrogen (N) %</b>	<b>3.8</b>
Phosphorus as water soluble %	0.7
Phosphorus as citrate soluble %	1.0
Phosphorus as citrate insoluble %	0.2
<b>Total Phosphorus (P) %</b>	<b>1.9</b>
Potassium as sulphate %	3.9
<b>Total Potassium (K) %</b>	<b>3.9</b>
Sulphur (S) as sulphate %	2.2
Calcium (Ca) as sulphate %	3.5
Magnesium (Mg) as sulphate %	0.8
Iron (Fe) as sulphate %	0.3
Sodium (Na) %	0.9
Copper (Cu) mg/kg	41
Zinc (Zn) mg/kg	239
Manganese (Mn) mg/kg	193
Boron (B) mg/kg	28
Molybdenum (Mo) mg/kg	2
Cobalt (Co) mg/kg	2
Silicon (Si) mg/kg	796
<b>This product contains less than the allowable levels for heavy metals</b>	
Cadmium (Cd) mg/kg	<0.5
Mercury (Hg) mg/kg	<0.1
Lead (Pb) mg/kg	10
<b>Other information</b>	
Organic Carbon (C) %	27.6
Organic Matter (OM) %	51
Humic Acid %	12
pH	6.7
Moisture content %	10 - 12

As this product is made from natural ingredients, nutrient values may vary. Analysis is on a wet weight basis.

## Premium granulated carbon-based organic fertiliser

Investing in a robust crop nutrition program is essential for broadacre cropping success. Healthy plants contribute to resilient crops. Mort & Co Fertilisers has developed an innovative solution to enhance synthetic fertilisers by promoting early root growth and germination.

The In-X treatment also converts locked-up nitrogen, phosphorus, and potassium in the soil into forms accessible to plants from the outset. The granule acts as a key component in fertiliser application, delivering nutrients precisely where needed.

The Bacillus species in the treatment applied to **Terrus Pro In-X** exhibit synergistic relationships with plant roots and the rhizosphere. Applying these bacteria onto the Terrus Pro granule maximises their benefits efficiently through providing higher CFU loading, humic and carbon food source, and protection from environmental exposure in the soil.

## Uses and Benefits

- Enhances nutrient mineralisation and uptake.
- Stimulates phytohormone production to promote root development.
- Increases leaf chlorophyll content.
- Boosts crop biomass and yield.
- Facilitates biological absorption through its porous granule structure.
- Extends microbial viability and longevity within a nutrient-rich environment.
- Allows concurrent application with seed at planting; compatible with most fungicides and soil treatments to ensure optimal input efficacy.
- Micro-organisms in **Terrus Pro In-X** can form spores under adverse conditions and regenerate when conditions improve in synchrony with the physical properties of the granule itself.

## Directions for Use

**Terrus Pro In-X** can be broadcast or applied by air-seeder.

### → AIR SEEDER

**Straight** – Drill into ground at planting 50-100kg/Ha.

**Blended** with synthetic fertiliser - can be used to substitute up to 50% of usual starter fertilisers. Please discuss substitution rates with Mort & Co Fertilisers sales team.

### → BROADCAST

**Pastures** – apply 150 - 300kg/Ha straight and top-dress annually.

**Tree Crops** – apply 1000 - 2000kg/Ha under drip line of plant.

For further application advice and directions for use, contact your Mort & Co sales team representative.



## Soil Health

**Terrus Pro In-X** is based on a single source composted cow manure, high in labile carbon and humic acids that provide a range of important benefits.

**Terrus Pro In-X** is enhanced with a biological treatment that contains five strains of Bacillus spp. with a total concentration of 50 x 10<sup>9</sup> CFU/ml (50 billion CFU/g).