



**Terragen**



# Great Land Plus®

— Introducing Great Land Plus, a plant biostimulant that improves root growth and development, enhancing nutrient uptake, soil health and overall plant health while looking after the environment.



## WHO WE ARE

Terragen is an agricultural biological company changing the face of global agriculture.



## WHAT WE DO

We harness the power of nature through world-class science creating biological products that improve animal wellbeing, soil quality and crop growth. Ultimately, our products assist farmers to increase productivity, provide a return on investment and are environmentally sustainable.



## PURPOSE

To be the world's leading agricultural biological company creating new ways to approach the challenges of 21st century farming, contributing to healthier animals, healthier people and a healthier planet.



## WHY WE EXIST

Our calling is to propel agriculture into the future by developing proprietary biological products that amplify nature, giving the farmer an advantage in a natural, sustainable and chemical-free way.



## OUR DNA

Led by nature | Proven by science | Driven by microbes | Centred on farmers | Obsessed with sustainability

# — Great Land Plus®

## What is Great Land Plus®?

- Great Land Plus stimulates plant growth and development, enhancing root biomass. Comprising lactobacillus, acetic acid bacteria, and yeast, Great Land Plus stimulates plant growth and development. Enhancing root biomass and making soil nutrient banks readily available to the plants when applied within the plant's root zone (rhizosphere).

## When do I apply Great Land Plus®?

- Great Land Plus contains an impressive 40 million / mL live bacteria, making it essential to apply during key growth periods to fully support root development and nutrient absorption. The first application is most effective during early crop establishment, typically 4 to 6 weeks after sowing, or during early-season growth for perennial crops. The number of applications required depends on factors like seasonal conditions, crop type, and whether irrigation or rainfall is the primary water source.

## Application guide:

CROP	RATE	APPLICATION TIMING
Pasture	4L / Ha	3 times a season. Early autumn, late autumn and spring
Horticulture	4L / Ha	3-4 times a season prior to peak growth periods
Broadacre	4L / Ha	1-3 times a season. First application 3-6 weeks post seeding

Avoid cold winter months when soil temperature is below 12 °C

Always consult Terragen representative for compatibility with other products





## Why should I incorporate Great Land Plus® into my program?

- The only certainty in farming is change, and Australian agriculture faces numerous challenges, such as climate variability, market access issues, labour shortages, and growing environmental and social responsibilities. From an agronomic perspective, many fertiliser nutrients are lost—whether through leaching, atmospheric dissipation, or binding within the soil. This inefficiency impacts crop yield, produce quality, and the environment, contributing to potential nutrient runoff into waterways. Terragen’s research and trials show that Great Land Plus offers a sustainable solution by maintaining crop yields while enhancing fertiliser usage, making it an eco-friendly way to feed your crops and pastures.

## What does Terragen research show with the use of Great Land Plus®?

- Maintain **yield** and **quality** while reducing synthetic fertiliser rate.
- Increase in **plant’s root zone biomass**.
- Amplify other **beneficial soil microbes**, leading to **healthy soil microbiome**.
- Increase **soil organic carbon** with long term use.



## Incorporating Great Land Plus® into your production plan is simple

<b>TARGET</b>	Plant major growth periods.
<b>TIMING</b>	Ideal timing is before or during rainfall or irrigation events. Avoid peak ambient heat periods.
<b>METHOD</b>	<b>Dryland:</b> Boom spray <b>Irrigation:</b> Fertigation via tape or overhead systems. Ideally inject Great Land Plus during middle third of the fertigation event
<b>COMPATABILITY</b>	Refer to tank mixing compatibility register at <a href="http://www.terrigen.com.au">www.terrigen.com.au</a>
<b>TANK MIXING</b>	Great Land Plus containers should be agitated before decanting. Dilute product just prior to application.
<b>APPLICATION RATE</b>	4Lt/ha
<b>WATER RATE</b>	<b>Boom spray:</b> Minimum of 40Lt total volume per hectare. Higher water rates allow better penetration into soil. <b>Fertigation:</b> Dilute Great Land Plus to a volume that enables even distribution through the fertigation event.
<b>OPTIMUM SOIL pH</b>	Between 5.5 – 7.5
<b>SOIL TEMPERATURE</b>	Above 12 °C
<b>FREQUENCY</b>	<b>Dryland:</b> 1-3 applications per season. Dependent of growing season. <b>Pasture/horticulture:</b> 3 times per year aligning with key growth periods.
<b>STORAGE</b>	Containers must be stored under cover and away from direct sunlight.
<b>SHELF LIFE</b>	6 months from production. The "Use By" date is valid only for unopened containers stored under recommended conditions.
<b>WITHHOLDING PERIOD</b>	Nil – Certified Organic

## Who can I contact?



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