

# Biotrace Range



## Gibberellic acid with stamina

Advantages

INCREASED  
PASTURE  
GROWTH RATES

RAPID  
PASTURE  
RESPONSE

REDUCES  
N LOSSES

Agvance's \*Active Bio-Gib® is a 90% active gibberellic acid in easy-to-use soluble powder form, which has been enhanced with highly soluble trace elements, and effective natural plant growth stimulants\*\* to produce the Biotrace range.

### FEATURES

Made from a careful blend of gibberellic acid and trace elements. Fulvic acid and seaweed extracts can be purchased separately to be added later on the farm. The key benefits of the Agvance Biotrace range include:

- **Increased pasture growth rates**
- **Rapid pasture response**
- **Reduces N losses**

### BENEFITS

- Sustainable, environmentally friendlier alternative to straight N applications
- Biotrace ingredients are compatible with gibberellic acid, and therefore won't compromise the hormone's stability and effectiveness
- Combining GA together with N in autumn, late winter and early spring increases pasture production.

Agvance's Active Bio-Gib® is a fully registered gibberellic acid (GA) product blend that won't decompose (unlike urea mixes which will break down the gibberellic acid unless spread quickly).

**“Strategic use of GA instead of N to increase pasture growth in the shoulders of the season may present an opportunity to reduce N use without compromising pasture production.”**

- Racheal Bryant, Faculty of Agriculture and Life Science, Lincoln University:  
To give or not to gibe? The FAQ's about gibberellic acid.

A number of New Zealand and overseas studies in recent years confirm that gains in plant growth can be achieved through strategic use of gibberellic acid, which is a naturally occurring plant growth hormone found in all plants.

### WHAT IS BIOTRACE?

Using the knowledge and experience gained from working within the fertiliser and animal health industries for more than 30 years, Agvance has developed a Biotrace product range designed to supply key trace elements in a readily soluble form, along with other products including GA, that offer an even wider range of plant growth hormones.

Designed to further enhance pasture growth, while maintaining plant health and the health of animals grazing the pasture, the Agvance Biotrace range is a step up in performance and sustainability for pasture management.

\* ACVM registration number at base of page

\*\* Based on natural marine and plant extracts

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## BIOTRACE

Contains a blend of the same range of trace elements found in Biotrace GA, but without Gibberellic Acid.

Application rate

**1.7 kilograms/Hectare**

### Element

### Elemental levels

Typical Analysis  
Mg's per  
hectare at 1.7 kg  
spread rate

Copper	41667 mgs
Boron	41667 mgs
Zinc	41667 mgs
Magnesium	243000 mgs
Manganese	16667 mgs
Cobalt	5000 mgs
Iodine	417 mgs
Selenium	417 mgs
Iron	25000 mgs
<b>Net Bag Weight</b>	<b>25kg</b>

Mineral levels can be custom blended to herd requirements.

## BIOTRACE GA

Contains a blend of gibberellic acid at full recommended rate, as well as a range of trace elements that will underpin the growth and health of pasture. This blend allows the spraying of both gibberellic acid and trace elements in one single application.

Application rate

**1.7 kilograms/Hectare**

### Element

### Elemental levels

Typical Analysis  
Mg's per  
hectare at 1.7 kg  
spread rate

Copper	41667 mgs
Boron	41667 mgs
Zinc	41667 mgs
Magnesium	243000 mgs
Manganese	16667 mgs
Cobalt	5000 mgs
Iodine	417 mgs
Selenium	417 mgs
Iron	25000 mgs
Gibberellic Acid	9000 mgs
<b>Net Bag Weight</b>	<b>25kg</b>

Mineral levels can be custom blended to herd requirements.

## Active Bio-Gib®

Of course, Agvance also offers straight 90% gibberellic acid if you want only the raw product. This product comes in 1-kilogram screw top plastic bottles. Each pack covers 111 hectares at full application rate.

**“Compared with non-GA treated pastures, GA application increased DM (dry matter) yield in autumn by 331kg (DM/ha (31%) when measured 4 weeks after application.”**

– Responses of simple grass-white clover and multi-species pastures to gibberellic acid or nitrogen in autumn, M.H Van Rossum, R.H. Bryan, and G.R. Edwards, Lincoln University.

Prices Exclude GST and Freight

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