



Better soils. Better crops. Better stock.™

BioAg Roots & Shoots™

Complexed Foliar Growth Nutrient

Product overview

BioAg liquid cultures are the revolutionary way of delivering essential nutrients and metabolites directly to crops and pastures, as well as stimulating microbial activity in the soil. The end result is improved crop establishment, plant vigour, yields and quality.

BioAg Roots & Shoots is formulated to increase vegetative growth, root development and soil microbial activity. It provides plants and soil with the appropriate nutrients to stimulate and support plant growth, particularly calcium and phosphorus, thereby enhancing yield potential.

This fermented microbial culture contains a rich source of vitamins, minerals, proteins, enzymes, amino acids, carbohydrates, growth promoters and dormant beneficial organisms. Separate formulations are available for broadacre, pastures and horticulture.

BioAg Roots & Shoots should be used as part of an integrated BioAg Fertility Program to rejuvenate natural soil fertility. Your nearest BioAg representative can develop a custom-made fertility program for each farm, paddock or crop using advanced analytical and prescriptive services. Each program typically includes the appropriate BioAg liquid nutrients, often in association with conventional or organic mineral inputs.

Features and benefits

- Balanced food supply for plants and soil microbes
- Supports vegetative growth
- Increases calcium level in plants
- Optimises plant photosynthesis and phosphorus cycling
- Stimulates soil microbial population and diversity
- Apply when there are good levels of plant ground cover and plant is in vegetative growth state.
- Apply using spray system
- Conventional and organic (Bio-Gro permitted 4038) formulations available

BioAg Roots & Shoots™ – Directions for use

| Crop | Application Rate | Comments |
|---|---|--|
| Broadacre Cereals and Pulses | 1.0 – 3.0 L/ha | Apply to non-stressed plants from elongation of 25 mm. Do not apply after booting commences. |
| Vegetables | 1.0 – 3.0 L/ha (1 to 4 applications) | Apply to non-stressed plants during the vegetative growth stage. |
| Horticulture All tree & vine crops | 1.0 – 4.0 L/ha (1 to 4 applications) | Apply to plants during their growth phase. |
| Pastures, lucerne | 1.0 – 3.0 L/ha | Apply to grazed pastures. Grazing delay post application – NIL. |

NOTE: Application rates may differ according to climatic conditions, water quality, soil types, application processes and management practices.

Mixing and spraying

- Agitate contents before use
 - Jar test all added materials for compatibility before tank mixing
 - Fill spray tank to a minimum of two thirds with water
 - Commence agitation system
 - Add BioAg Roots & Shoots under agitation
 - Add other nutrients as prescribed under agitation and bring volume up to full
 - Fill remainder of tank
 - Use within 48 hours
 - Not recommended for use with pesticides

Storage and handling

- Store all containers out of sunlight and below 30°C
- Shelf life: 18 months



Better soils. Better crops. Better stock.™

For more information,
phone 0800 224 624 or visit www.bioag.co.nz