



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 pastures and crops, as well as stimulating microbial activity in the soil. The end result is improved 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 phosphate, thereby enhancing yield potential.

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

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

At a glance

- Balanced nutrient supply for plants and soil microbes
- Supports vegetative growth
 - Increases calcium level in plants
 - Stimulates soil microbial population and diversity
 - Apply when there is good levels of plant ground cover and plant is in vegetative growth state.
 - Apply using spray system
- Broadacre, pasture, horticulture 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 early tillering up to the first internode 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 and vine crops)	1.0 – 4.0 L/ha (1 to 4 applications)	Apply to plants prior to the commencement of their reproductive phase at a minimum dilution of 1:100 with water.
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 tank to a minimum of two thirds with water
- Commence agitation system
- Add other nutrients as prescribed
- Add BioAg Roots & Shoots
- 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: 12 months



Better soils. Better crops. Better stock.™

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

©Registered trademarks of BioAg Pty Ltd, ABN 58 086 880 211 ™Trademark of BioAg Pty Ltd, ABN 58 086 880 211 WORDSMITH27223