



BioAg® Liquid Biostimulants and Minerals – Organic Product List

BioGro #4038 CO1

Soil Applied

BioAg Soil & Seed® ORGANIC is formulated to activate, populate and diversify soil microbial activity, thereby improving natural soil fertility, nutrient uptake, maintenance of soil structure and improved water relations. It acts as an excellent soil inoculant and encourages rapid germination and early root development which enhances yield potential. BioGro Permitted – Crop Management

- *Balanced food supply for soil microbes producing more nutritious pastures*
- *Stimulates soil microbial population and diversity*
- *Accelerates conversion of crop residues into humus. Reduces thatch*
- *Improves soil moisture and nutrient uptake*
- *Enhances water infiltration and soil structure*
- *Benefits stock health*

Foliar Applied

BioAg Roots & Shoots ORGANIC 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. Suitable for all dairy or pastoral situations including use in broad-acre cropping, horticulture and organic systems. BioGro Permitted – Crop Management

- *Balanced nutrient supply for plants and soil microbes*
- *Supports vegetative growth*
- *Increases calcium level in plants and stimulates phosphorus function*
- *Stimulates soil microbial population and diversity and enhances pasture nutrition*

BioAg Fruit & Balance ORGANIC is a foliar treatment that delivers a rich source of nutrients, particularly plant-available phosphate, to enhance the yield and quality potential of fruit, grain and seed. Apply in the fruiting phase of growth. *BioGro Permitted – Crop Management

- *Balanced nutrient supply for plants and soil microbes – via liquid carbon pathway*
- *Stimulates and supports fruiting and maturation and optimises photosynthetic processes*
- *Increases phosphate supply during period of peak load*
- *Stimulates soil microbial population and diversity via plant exudates*
- *Apply when plant is in fruiting or reproductive state*

Effluent & Waste Management

BioAg DFD® is formulated to create and maintain a balanced microbial environment in effluent ponds thereby stimulating aerobic digestion of organic matter. DFD treats all types of animal effluent treatment in a wide range of systems including ponds, sumps, wintering barns, herd homes, weeping walls, calf bedding and sewage systems. BioGro Certified – Crop Management and Facility Management

- Stimulates aerobic microbial activity in effluent ponds and minimises odour
- Digests suspended solids and sludge into plant available liquid nutrients
- Dissolves settled out sludge.
- Animal bedding use – minimise ammonia, reduce disease & infection risk

Soil & Plant Nutrition and/or Livestock Feed / Supplement (Restricted status)

Trace elements as per our BioGro certification including – boron (octaborate), copper sulphate, ferrous sulphate, manganese sulphate, sodium molybdate, zinc sulphate.

Magnesium sulphate (Epsom Salts) - Livestock Feed / Supplement only

Citric Acid – Crop Management and Facility Management

Phosphate Minerals

BioAg Superb® BAP

BioAg imports high quality RPR and produces a unique biologically activated phosphate, BAP, based on RPR that provides stable short and long term phosphate supply. Suitable for all agricultural and horticultural production. BioGro Permitted – Soil & Plant Nutrition

- *0-12.8-0-15-36Ca-1Mg;*
- *BAP - 100% plant available P content. Increased surface area for more consistent P release*
- *Plant available calcium*
- *Beneficiated – dust, impurities and clay particles removed*
- *Increases beneficial microbial activity in soils to unlock previously applied minerals*
- *Stable form that won't lock up in the soil and continues to release for years*

BioAg Liquid Biological Cultures – stimulate; activate; regenerate; populate, diversify, energise

- **Improve** soil structure and fertility by enhancing the population, diversity and activity of soil organisms
- **Enhance** nutrient cycling, build humus and soil carbon sequestration
- **Increase** plant sugar levels which provide natural resilience to pests and disease
- **Stimulate** the mechanisms of plant induced resistance
- **Create** a balance of functionally-available nutrients in the soil encouraging desirable species to thrive
- **Optimise** the processes of humification and mineralisation
- **Unlock** previously applied inputs including phosphorus and calcium, and make them plant available
- **Maximise** nutritional potential of pastures and crops thus improving growth rates, yields & quality
- **Supports** our natural farming capital – our soil, ecosystems and biodiversity