



BioAg[®] Liquid Biological Cultures and Minerals – Product List

Soil Applied

BioAg Soil & Seed[®] 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

- *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*

BioAg Digest-it[®] is a formulation to assist the digestion of crop residues. Benefits include reduced carry-over of soil-borne pathogens, improved moisture and fertiliser utilisation and tilth and workability of soils. BioGro Permitted. *BioGro Permitted

- *Converts residues into humus*
- *Reduces carry-over of soil-borne pathogens*
- *Reduces reliance on herbicides to control fallow weeds*
- *Compost activator*

Foliar Applied

BioAg Roots & Shoots[®] and **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

- *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 Flower & Fruit[®] and **Flower & Fruit *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 for the organic formulation only

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

- 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

Animal Health & Nutrition

BioAg RumiMate® is formulated to stimulate microbial activity in the animal's digestive tract. It enhances the natural replenishment of digestive micro flora that occurs through grazing. This fermented microbial culture contains a rich source of natural vitamins, minerals, proteins, enzymes, amino acids and carbohydrates. **RumiMate** can be administered by oral drench, mixed with feed rations or mixed with drinking water. It is suitable for lead feeding stock before ration changes or continual use for intensive animals.

Phosphate Minerals

BioAg Superb® RPR and 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.

- *0-12.6-0-15-36Ca-1Mg; 41% citric solubility; 73% formic solubility*
- *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

- **Improve** soil structure and fertility by enhancing the population, diversity and activity of soil organisms
- **Enhance** nutrient cycling, build humus and sequest soil carbon
- **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