



Better soils. Better crops. Better stock.™

## BioAg Fertility Program

### – Dairy

BioAg Fertility Programs produce a living, healthy and balanced soil. Each program is custom made for each paddock or crop using advanced soil and tissue analysis. These integrated programs typically incorporate a range of BioAg solid and liquid nutrients, often in association with conventional inputs. BioAg Fertility Programs can be developed to meet BFA certification requirements for organic producers. A standard BioAg Fertility Program for dairy pastures is outlined overleaf.

Once a healthy soil is achieved, you can expect to grow more nutritious pastures that will support high volumes of quality milk production with minimal animal health problems. In time, you will see marked benefits in the production and quality of both irrigated and dryland pastures, as well as hay and silage. Less irrigation will be required due to the increased water-holding capacity of the soil. Your cows will be healthier with a lower incidence of mastitis, bloat, grass tetany and reduced somatic cell counts. BioAg presents a sustainable approach to agriculture, delivering long-term fertility.



**For more information,  
phone 1300 599 911 or visit [www.bioag.com.au](http://www.bioag.com.au)**

Time	Products	Comments	Features and benefits	Application details
<b>Pasture top-dressing</b>	BioAgPhos®	BioAgPhos and lime provide the two most important nutrients for plant growth – phosphate (regulation within the plant and nutrient uptake) and calcium (growth and reproduction energy).	<ul style="list-style-type: none"> <li>• Biologically-active phosphate treated with a proprietary microbial treatment</li> <li>• Immediate and continued-release of plant-available phosphate</li> <li>• Minimum phosphorus content of 15%</li> <li>• Improved soil microbial activity “unlocks” previously-applied nutrients</li> <li>• Rejuvenates natural soil fertility and structure</li> <li>• Improves plant growth, nutritional value and yields</li> <li>• Can be easily mixed with lime and/or gypsum</li> </ul>	<ul style="list-style-type: none"> <li>• Annual application using a belt spreader in autumn or late winter/spring</li> <li>• BioAgPhos: 100–250 kg/ha</li> </ul>
	BioAg Pasture Primo®	BioAg Pasture Primo provides the two most important nutrients for plant growth – phosphate (regulation within the plant and nutrient uptake) and calcium (growth and reproduction energy).	<ul style="list-style-type: none"> <li>• Convenient mix of BioAgPhos and quality lime</li> <li>• Immediate and continued-release phosphate, as well as calcium</li> <li>• Improved soil microbial activity “unlocks” previously-applied nutrients</li> <li>• Rejuvenates natural soil fertility and structure</li> </ul>	<ul style="list-style-type: none"> <li>• Annual application using a belt spreader in autumn or late winter/spring</li> <li>• Alternative to mixing BioAgPhos and lime on farm</li> <li>• 400–600 kg/ha</li> </ul>
	BioAg Superb®	BioAg Superb provides a base of phosphate, calcium and sulphur (protein formation).	<ul style="list-style-type: none"> <li>• Convenient mix of BioAgPhos and quality gypsum</li> <li>• A biologically-active alternative to single “super”</li> <li>• Immediate and continued-release phosphate, as well as calcium and sulphur</li> <li>• Improved soil microbial activity “unlocks” previously-applied nutrients</li> <li>• Rejuvenates natural soil fertility and structure</li> </ul>	<ul style="list-style-type: none"> <li>• Annual application using a belt spreader in autumn or late winter/spring</li> <li>• Alternative to mixing BioAgPhos and gypsum on-farm</li> <li>• 100–200 kg/ha</li> </ul>
	BioAg Soil & Seed™	BioAg Soil & Seed is a liquid microbial culture that is applied directly onto the soil using a boom spray.	<ul style="list-style-type: none"> <li>• Soil amendment and seed inoculant</li> <li>• Balanced food supply for soil microbes</li> <li>• Stimulates soil microbial population and diversity</li> <li>• Accelerates conversion of crop residues into humus</li> <li>• Improves soil moisture and nutrient utilisation</li> </ul>	<ul style="list-style-type: none"> <li>• One or two applications per year</li> <li>• Apply at 1.0–3.0 L/ha to moist soil using a boom spray or irrigation system</li> <li>• Ideal for rainfall/irrigation to occur within 48 hours</li> </ul>
<b>Post-grazing</b>	BioAg Balance & Grow® Micronutrients	BioAg Balance & Grow is a liquid microbial culture that is applied to foliage using a boom spray. Micronutrients (e.g. molybdenum, boron, copper, zinc, manganese, magnesium and a range of vitamins) may be added to your program if needed.	<ul style="list-style-type: none"> <li>• Balanced nutrient supply for plants and soil microbes</li> <li>• Supports vegetative growth</li> <li>• Increases calcium level in plants</li> <li>• Stimulates soil microbial population and diversity</li> </ul>	<ul style="list-style-type: none"> <li>• Apply at 1.0–2.5 L/ha after grazing</li> <li>• Apply using boom spray</li> </ul>