

Enhances the nutritional value and quality of fruit or grain



Fruit & Balance[®]

LIQUID BIOSTIMULANT

Fruit & Balance[®] delivers a rich source of plant-available phosphorus (P) when plants most need it, stimulating strong fruiting, maximising fruit/seed set and supporting plant development for maximum yield and quality. Suitable for cereals, nuts and fruit crops.

Enhance yield and quality with BioAg Fruit & Balance[®]

No matter if growing cereals, nuts or fruit; benefits are gained by improving the yield per hectare or the quality of produce.

Supply of important nutrients in a highly available plant form supports the reproductive phase of your crop mitigating the effect of stresses (cold, heat, dry, wet, hail, low light or nutrient imbalances).

Seasonal conditions and common farming practices can negatively impact growth.

In addition to the abiotic stresses on crops and pasture, the use of herbicides, pesticides and fungicides will negatively impact beneficial plant and soil microbiology. Soil microbiology is critical in the cycling and supply of macro and micronutrients that support flowering, fruit set and fruit or seed fill.

Applying foliar applications of **Fruit & Balance** provides plants with nutrients, carbohydrates, vitamins, minerals, amino acids, enzymes and proteins.

Combined with liquid fertilisers, **Fruit & Balance's** broad range of biological compounds enhance supply of nutrients and chelation (plant uptake) of mineral salts, promptly alleviating the negative effect of stresses on plants.

“ Every time we apply a BioAg product, we are feeding the soil microbes that are already there. ”

Mixed farming operator, Tarcutta NSW

Formulated to:

- Provide plant-available phosphorus at critical plant development stage.
 - Deliver a range of growth promoters, amino acids and biochelators*.
 - Supply a broad range of vitamins, minerals, proteins, enzymes and carbohydrates.
- * *Chelators in soil increase the solubility, and thus availability of certain metal micronutrients to plants.*



Better soils. Better crops. Better stock.

Broad Spectrum biostimulant and biochelator

Fruit & Balance® provides an immediately available form of phosphorus in combination with a broad spectrum of biological compounds and food sources, which are in a highly available form to plants.

Key attributes [#]	
Plant growth promoters	Source of exogenous phytohormones (external plant hormones) naturally available for plants.
L-isomer Amino Acids	His, Ser, Arg, Gly, Asp, Glu, Thr, Ala, Pro, Lys, Tyr, Met, Val, Iso, Leu, Phe, Try. The concentration of available amino acids varies by product.
Other nutrients	Trace Elements
Compatibility	Common tank mixes; e.g. with calcium nitrate, UAN, dissolved urea, micro-nutrients and other foliar applied products.
Application method	Foliar

[#]Based on analysis from Creation Innovation Agriculture and Forestry (CIAAF).

Physical properties ^{##}	
Nitrogen	0.5%
Phosphorus (P)	1.0%
Potassium	0.5%
Calcium	0.5%
Organic Carbon	4.0%
Ash	4.0%
Fat	<0.1%
Protein	3.5%
Carbohydrates	7.0%
Total Solids	12.0%
pH	2.0

^{##}Typical analysis wet basis. Environmental Analytical Laboratories.

A readily available source of phosphorus and biological compounds to support the reproductive phase of your crop.

Formulated to increase flowering, fruit set, and soil microbial activity. Delivers a source of phosphorus and biological compounds in a form that means they are rapidly absorbed and assimilated at a time when the plant is under peak load, stimulating strong fruiting and enhancing yield potential.

Natural amino acids, enzymes and proteins within **Fruit & Balance** support plant physiological processes, unblocking the flow of nutrients within the plant. This improves sugar levels in the plant enhancing the nutritional value and quality of fruit and improves the plants' ability to combat stresses such as heat frost, drought, and disease.

The organic compounds in **Fruit & Balance** make it a natural biochelator of water-soluble nutrients. Applied with liquid or dissolved fertilisers such as liquid N fertilisers on crops, **Fruit & Balance** reduces losses to antagonists (any organism that suppresses/interferes with normal growth) and enhances plant uptake.

Applied as a foliar treatment (sprayed directly onto your crop), ensures crops have immediate access to a suite of food sources and growth promoters during the critical flowering, fruit or seed set and fill growth phases.



Increasing the soil's fertility is one of the key principles of BioAg programs and products.

BioAg is an Australian owned and operated manufacturer of liquid biostimulants and natural phosphate fertilisers, since 1999. Your local BioAg Area Managers are always available to discuss how the products and programs can improve your farming system or put you in contact with our distributor network.



BioAg's range of proprietary fermented liquid cultures or biostimulants **improve fertiliser usage** at each critical stage of crop or pasture development.



Applied as a foliar treatment (sprayed directly onto your crop), ensures crops have immediate access to a suite of food sources and growth promoters during the critical flowering, fruit or seed set and fill growth phases.

Complete tailored solutions

BioAg fertility programs are available for a wide range of crop types and pastures and can be adapted for conventional and organic farming systems.

Our expert Fertcare accredited Area Managers work with farmers to provide tailored fertility programs that consider the individual block, including its history and soil type, along with soil test results and the farmer's yield and quality goals and budget. In other words, we develop a fertility program for your farm that suits you, and helps your farm meet its full productive capacity.

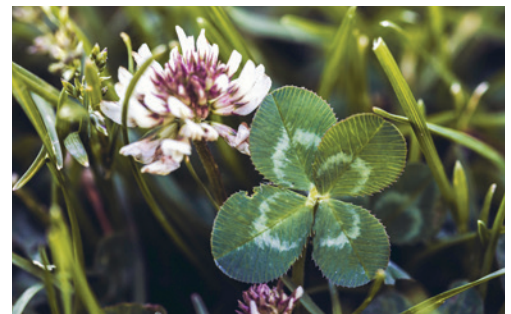
Overleaf we have provided a range of sample programs for information and context. For a custom program suited to your farm, we recommend contacting your local BioAg Area Manager.

Quality assurance

Fruit & Balance, part of BioAg's liquid biostimulant range, is produced to stringent formulations, fermentation process and control parameters such as temperature, fermentation times, quality of raw material inputs. Throughout the process we monitor and test fermentation conditions with a final stage of stabilisation whereby products are made safe for storage and transportation. Final products contain a diverse range of bioactive compounds including enzymes, microbial foods and plant foods. Use of *Fruit & Balance* is more likely to fill any gap in crop nutrient disorders as well as encouraging growth and maintenance of soil microbiome.

Organic variants

Each of BioAg's fermented liquid cultures are also available as certified inputs for organic farming systems. The liquids are complemented by BioAg's organic input certified solid fertiliser range.



Proven in trials



The comprehensive BioAg website provides independent and replicated trial results proving *Fruit & Balance's* ability to rectify and condition the soil, improve fertiliser use efficiency, and enhance yield.

Better soils. Better crops. Better stock.

Typical Application Rates

Crop	Application rate (L/ha)	Comments
Broadacre grasses Cereals, corn, sorghum, sugar cane	1.0 to 3.0 1 to 2 applications	Apply to non-stressed plants from the second internode elongation up to head emergence.
Broadacre dicots Cotton, potatoes, clovers, lucerne, peanuts, canola	1.0 to 3.5 1 to 4 applications	Apply to non-stressed plants at the commencement of their reproductive phase.
Horticulture Vines, citrus, vegetables, nut, fruit trees	1.0 to 4.0 1 to 4 applications	Apply to plants at the commencement of their reproductive phase at a minimum dilution of 1:100 with water.

Fruit & Balance® Application

Boom spray, Fertigation or Aerial.

Use appropriate personal protective equipment and handling equipment.

Storage

- Store out of direct sunlight and below 30°C, away from children, animals, food and feed.
- Do not store mixed product.
- Shelf life of 18 months when stored per directions.

Mixing and spraying

- Agitate contents well before use.
- Fill tank to a minimum of two thirds of water.
- Under agitation add other nutrients and chemicals as prescribed.
- Take a small sample to jar test BioAg Fruit & Balance for compatibility of use. Check for physical changes.
- If compatible add BioAg Fruit & Balance under agitation, bring volume up to full.
- Use within 48 hours of dilution.



... it was only a matter of months before I noticed a big improvement.
 We have healthier trees and when you have healthy trees, you have good crops.

Citrus grower, Dareton NSW



Distributor Information:

 Organic variation of BioAg Fruit & Balance® also available



bioag.com.au

02 6958 9911



To find out more visit our website or call a BioAg Area Manager

