



Better soils. Better crops. Better stock.™

BioAg Fertility Program

– Citrus

BioAg Fertility Programs produce a living, healthy and balanced soils and trees. Each program is custom made 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 citrus is outlined overleaf.

By following a BioAg Fertility Program, you will see benefits in greater yields, higher quality fruit that is more uniform and sweeter with lower incidence of splitting. Irrigation intervals will be stretched and water use efficiency improved due to the greater root mass of your trees and the higher water holding capacity of your soils. The occurrence of root diseases will be limited. BioAg presents a sustainable approach to citrus production, delivering long-term fertility.



**For more information,
phone 1300 599 911 or visit www.bioag.com.au**

Time	Products	Comments	Application details
Pre-flowering (Early August – Early September)	BioAgPhos® Lime (if required) Potassium sulphate (if required)	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"> • Annual application using a belt spreader into tree rows. • BioAgPhos: 350–500 kg/ha • Lime: 400–500 kg/ha • Potassium sulphate: 20–40 kg/ha
	BioAg Sulphate of Ammonia	BioAg Sulphate of Ammonia is a cost-effective source of nitrogen and sulphur and is ideal for use in biological farming systems.	<ul style="list-style-type: none"> • Annual application using a belt spreader into tree rows. • Apply at 350–500 kg/ha
	BioAg Soil & Seed®	BioAg Soil & Seed is a liquid microbial culture that is applied through irrigation systems. It should be applied each time a foliar product is applied for best response.	<ul style="list-style-type: none"> • Apply at 8–10 L/ha by running in with irrigation water (drip, furrow or low level spray systems). • Alternatively, spray onto soil using a boom spray.
Early flowering (2 applications, 21 days apart)	BioAg Balance & Grow® BioAg Soil & Seed Calcium nitrate Micronutrients	BioAg Balance & Grow is a liquid microbial culture that is applied to the plant's foliage. Calcium nitrate and micronutrients (e.g. molybdenum, boron, silica, manganese, magnesium and a range of vitamins) may be added if needed.	<p>Soil Application:</p> <ul style="list-style-type: none"> • BioAg Soil & Seed: 1–1.5 L/ha • Calcium nitrate: 20–30 kg/ha <p>Foliar Application:</p> <ul style="list-style-type: none"> • To trees prior to the commencement of reproductive phase using conventional spray units or misters • BioAg Balance & Grow: 1.5–2.5 L/ha • Calcium nitrate: 10–15 kg/ha
Fruit size 20 mm (2 applications, 21 days apart)	As above	As above	As above
Fruit size 50 mm (2 applications, 21 days apart)	BioAg Fruit & Balance® (or BioAg Balance & Grow) BioAg Soil & Seed Calcium nitrate	BioAg Fruit & Balance is a liquid microbial culture that is applied to the plant's foliage. Calcium nitrate is included during fruit growth as calcium helps prevent fruit splitting and albido breakdown.	<p>Soil Application:</p> <ul style="list-style-type: none"> • BioAg Soil & Seed: 1.0–1.5 L/ha • Calcium nitrate: 20–30 kg/ha <p>Foliar Application:</p> <ul style="list-style-type: none"> • BioAg Fruit & Balance: 1.5–2.5 L/ha • BioAg Balance & Grow: 1.0 L/ha • Calcium nitrate: 10–15 kg/ha
Maturation	BioAg Fruit & Balance BioAg Soil & Seed	As above	<ul style="list-style-type: none"> • BioAg Fruit & Balance: 2.0–3.0 L/ha • BioAg Soil & Seed: 1–1.5 L/ha