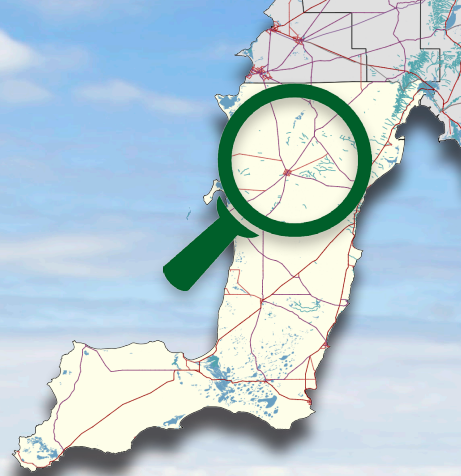




47 Naweena Road
Regency Park SA 5010

info@lawrieco.com.au
www.lawrieco.com.au

Ph 08 8260 1134 Fx 08 8260 2263



John Paynter 0438 159 656 *South Australia*
Rodney Capon 0409 822 011 *Victoria & Western Australia*
Brendan Partridge 0456 802 693 *Victoria & New South Wales*

Faba Bean Trial MAITLAND

RETURN ON NUTRIENT INVESTMENT - \$ 270/HA

Phoscal Increases Yield

Farmers aim to produce nutrient dense crops of a high quality. The aim is to have lower pest & diseases pressure, while reducing the environmental risk, and still build yield. These results ultimately lift farm returns.

LawrieCo focuses on making it simple. We aim to make balanced nutrition simple & effective, while easy to apply, which is why it is exciting to see the great results from growers who have incorporated NutriMAX Phoscal into their nutrition program.

Growers report the following benefits from using Phoscal:

- Early flowering response & improved retention in legume & bean crops.
- Reduced fungal disease & insect damage across many crop types.
- Yield gains in broadacre crops.
- Improved flavour, crispness & less fruit marking, in table grapes.
- Longer produce shelf life in stone fruit & vegetables.
- Significant yield increases in grape vines.

PHOSCAL TYPICAL ANALYSIS

| | |
|-------------|-------|
| Nitrogen | 6.0% |
| Phosphorus | 11.3% |
| Potassium | 3% |
| Sulphur | 0.4% |
| Calcium | 29.2% |
| Magnesium | 1.2% |
| Silicon | 15.5% |
| Fulvic Acid | 2.0% |
| Boron | 1.5% |
| Iron | 0.82% |
| Manganese | 0.06% |
| Zinc | 0.06% |

INDEPENDENT FABA BEAN TRIAL, MAITLAND SA

An independent trial on a growers property in Maitland, South Australia was performed in the 2019 growing season.

The product was applied just on flowering at a rate of 5L per hectare, at a time when the plant was actually in moisture stress due to lower than average rainfall.

Whilst there was no visible difference in the treated versus non-treated crop from post flowering through to harvest, the yield data proved that there was a difference of 510 kilos per hectare.

RESULTS SNAPSHOT

YIELD average increase: 510 kg/Ha

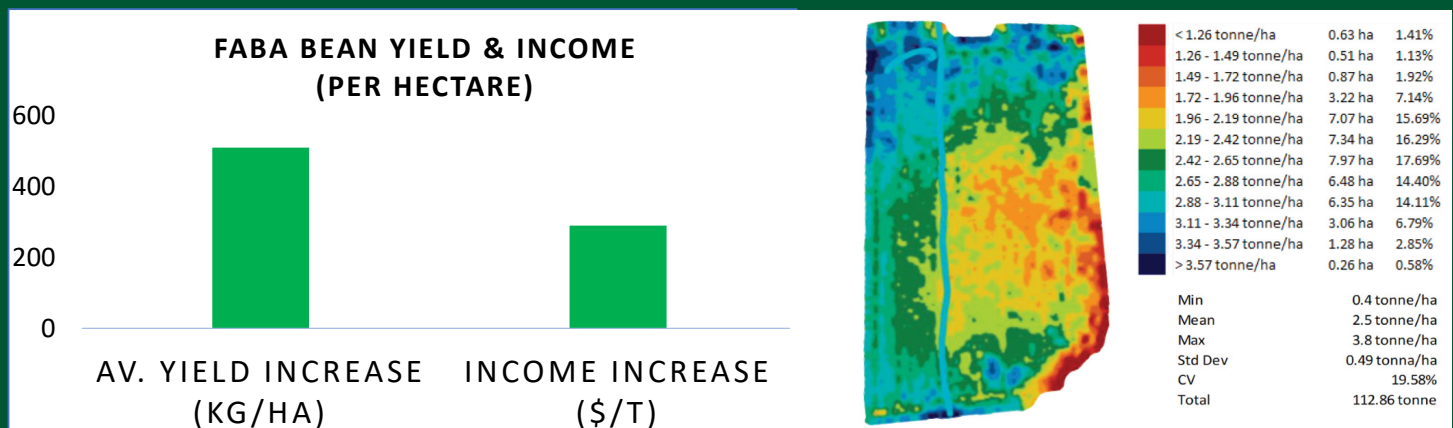
INCOME increase:
\$ 295.8/Ha (based on price of \$ 580/T Faba Beans 2019)

RONI: \$ 271.8/Ha
(Return on Nutrient Investment)

Based on retail price per hectare of \$4 per Litre & rate of 5L per Hectare

TRIAL DETAILS & RESULTS

| | | | | | |
|-----------------|-------------|------------------|----------------|---------------------|-----------------------------|
| Location | Maitland SA | Water | 100L | Crop | Samira Faba Beans |
| Area | 40 Hectares | Soil Type | Clay/Loam soil | Treated Area | 5L per hectare on flowering |



WHY DOES PHOSCAL GIVE A POWERFUL RESPONSE?

It is attributable to the unique nutrient coupling of calcium & phosphorus in one product, NutriMAX Phoscal. In general terms a growth nutrient (phosphorus) teamed with plant strengthening nutrient (calcium), means plants respond with healthy growth & increased yield. The formulation means that each nutrient plays a role in the success of NutriMAX Phoscal.

- Calcium applied as a foliar is essential for building plant cell strength.
- Phosphorus for improved flower formation, seed production & a more uniform & earlier crop maturity.
- Boron requirement in plants are higher for the reproductive growth phase than vegetative & it will improve flower production & retention, seed & fruit development.
- Silica is a key to cell strength & good plant levels are associated with plant resilience to pest & disease.
- Fulvic is a powerful natural chelator, improving the delivery & efficacy of foliar applied nutrients.
- Biostimulant Base filled with natural plant growth hormones, vitamins & immune enhancers. These naturally build plant health & in turn increase plant capacity to uptake & utilise applied fertiliser.
- Availability - the above nutrients are delivered from natural sources in a highly plant available form, making it easy for plants to take up & an efficient way to apply nutrition.