

FertiCote controlled release fertiliser blends release nutrients evenly over the crop season to better match crop requirements, as the graph illustrates. Losses are reduced due to less freely available nutrient sitting in the soil profile that is prone to getting washed through away from the crop root zone. Less nitrogen is also lost to the atmosphere through reduced volatilisation under wet soil conditions.

Traditional fertilisers release 100% within 2 days of application to soil. Crops looking for nutrients in later growth stages are often neglected due to the depletion of plant available nutrients. FertiCote is the answer to these nutrient deficient crops.

FertiCote Results

Sweet Potato, Cudgen, NSW, Australia

The trial compared a single FertiCote basal fertiliser application during bed formation to 3 split applications of a standard fertiliser on sweet potato (Beauregard cultivar).

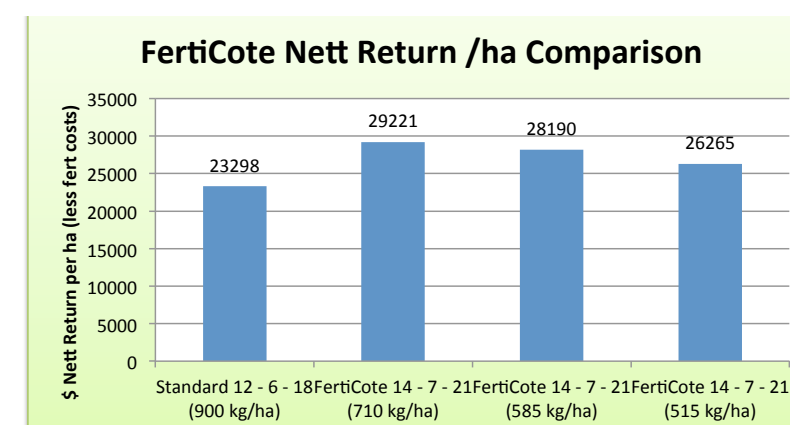
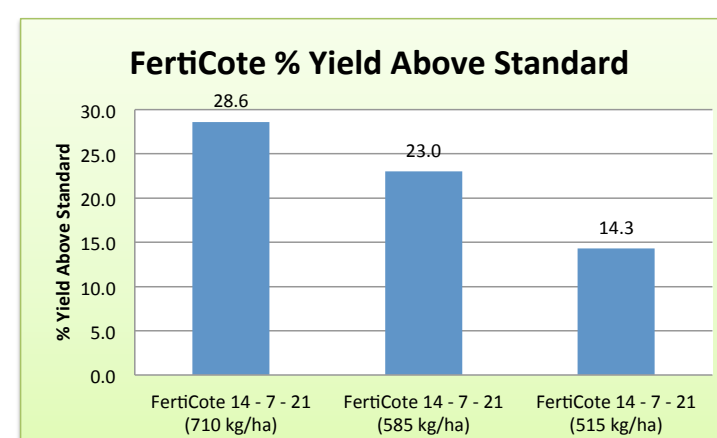
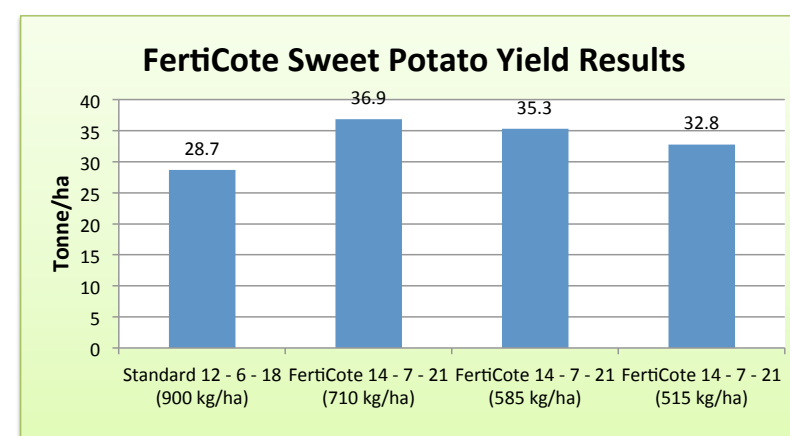
FertiCote at all application rates resulted in higher yields compared to the grower's practice. Best profitability was obtained with FertiCote applied at 75% of grower's practice rates.



For more information, contact our
Customer Service 07 3802 5050
www.barmac.com.au



FertiCote Blends
Standard Fertiliser Blends



FertiCote
Fertiliser

**The most efficient
way to feed crops and
maximise production**

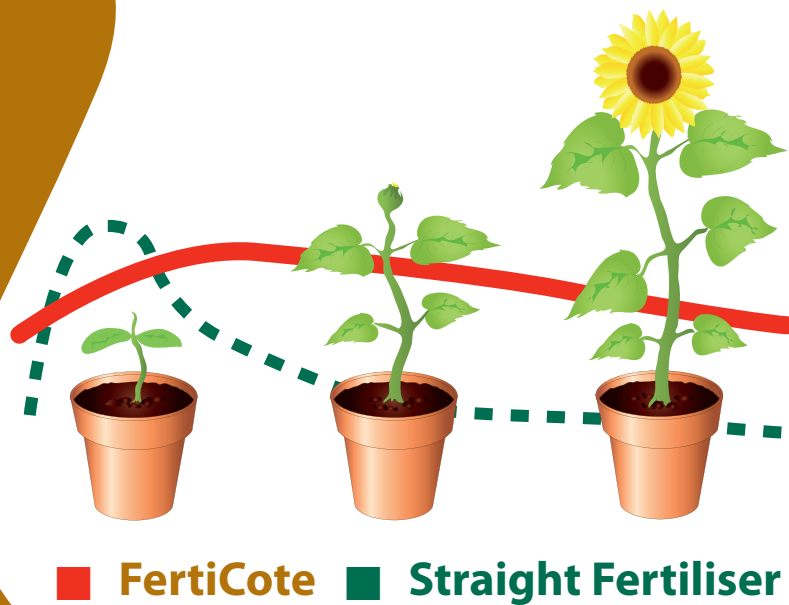
The FertiCote range of quality products are specifically formulated to release nutrients at a controlled rate to match crop demand. FertiCote blends are used at planting and for side-dressing as the base source of nutrition.

- Designed for your specific crop situation
- Less nutrient losses due to leaching
- Less side-dress fertiliser required
- Uniform growth response



The FertiCote range of quality fertilisers are specifically formulated to release nutrients at a controlled rate to better match crop growing requirements and reduce nutrient wastage. The granular controlled release technology works by soil moisture penetrating the FertiCote granules, allowing the internal nutrient content to be diffused into the soil at a rate dependent on soil temperature. FertiCote blends are used at planting and side-dressing as the basal fertiliser application and are a replacement to the traditional starter fertilisers. FertiCote blends release nutrients in line with crop demands.

FertiCote Just works !



FertiCote custom blends can be value added with specialty fertilisers such as:

NutriSmart
A granular microbial fertiliser and soil amendment. Contains a complex mix of leonardite, rock phosphate, carbohydrates and microbes (fungal yeast extract and ferment derived from *Saccharomyces cerevisiae*). Contains 45% w/w Carbon. NutriSmart is a certified organic input that restores soil biological activity and reduces disease and nematode dominance. NutriSmart enhances mycorrhizae colonisation of root systems and hastens plant development.

Guano Gold Kwik Start
Guano Gold Kwik Start is a 100% natural organic phosphatic fertiliser and soil conditioner based on compound granular dicalcium phosphate. Guano Gold Kwik Start is a certified organic input and is ideal to use in starter fertiliser blends with traditional fertilisers to provide fast and slow release phosphate properties. Its high silica content enables superior phosphate plant availability over extended periods. Analysis (%w/w): 11.6% P, 29% Ca, 16% Si, 8.6% Carbon.

Complete Trace Elements Granular
Complete Trace Elements Granular is a homogeneous mix of all necessary trace elements for crops, pastures, landscape and nursery situations. Complete Trace Elements Granular is used in granular NPK fertiliser blends to prevent or correct soil trace/ micro element deficiencies. Analysis (%w/w): 10% Fe, 5% Cu, 5% Mn, 5% Zn, 0.05% Mo, 4% S, 2% B.

MultiCote
MultiCote is the Haifa brand name for its controlled release granular fertiliser range. MultiCote is a resin polymer coated NPK + TE compound fertilizer granule, and provides different nutrient release periods from 4 to 12 month options. MultiCote comes in a range of NPK variations and are blended with traditional fertilisers to provide controlled release characteristics to fertiliser blends. Haifa is a world leader in polymer coated fertiliser technology.

Resin Coated Fertiliser
Resin Coated Fertiliser 44-0-0 is a slow release granular urea that is manufactured by coating urea with a proprietary fifth generation resin sealant. Resin Coated Fertiliser 44-0-0 provides a slow nitrogen release pattern that starts releasing slowly after 2 weeks and keeps releasing till 12 weeks (3 months release) after application. It can be used in starter fertiliser or side dressing blends to extend the nitrogen availability window to plants. It is suitable for soil application only. Analysis (%w/w): 44% N.

Poly Sulphur Coated Urea (PSCU)
Poly Sulphur Coated Urea (PSCU) is a slow release granular urea that is manufactured by coating urea, first with sulfur, then with a proprietary polymeric wax sealant. PSCU provides a slow nitrogen release pattern that starts releasing slowly from day 1 and keeps releasing till 8 weeks (2 months release) after application. It can be used in starter fertiliser or side dressing blends to extend the nitrogen availability window to plants. It is suitable for soil application only. Analysis (%w/w): 37% N.

FertiCote Blend Formulations

FertiCote Blends	N	P	K	S	Ca	Mg	Zn	Fe	Cu	B	Mn	Mo	Release Period
FertiCote 18-8-11	18.8	2.7	11.1	1.8	0.5	0.15	0.15	0.3	0.15	0.06	0.15	0.002	4 Month
FertiCote 9-5-13	9.3	5.1	13.4	4.4	2.9	0.3	0.6	1.3	0.20	0.5	0.20	0.002	4 Month
FertiCote 11-3-18	11.0	3.1	18.0	2.2	1.0	2.1	0.11	0.27	0.10	0.05	0.12	0.005	6 Month
FertiCote 15-5-15	15.0	5.1	15.0	3.3	0.7	0.7	0.10	0.3	0.1	0.05	0.12	0.004	6 Month
FertiCote 6-2-16	6.2	1.8	15.9	4.1	6.1	3.8	0.6	0.01	0.26	0.24	0.37	0.070	8 Month
FertiCote 12-9-15	12.1	9.2	15	0.6	0.6	0.3	0.009	0.06	0.003	0.006	0.018	0.003	8 Month

FertiCote is blended on demand in Australia. Custom FertiCote blends are able to be formulated to meet customer's specific nutrient requirements. Blends contain upfront traditional and specialty fertilisers, see over the page for a list of inputs available to be utilised in FertiCote blends. FertiCote is being successfully used in a range of crops including melons, potatoes, sweet potato, strawberry, ginger and macadamia.

FertiCote Blend Design

