

# Organic Life®

ideal for veg, fruit & flowers

a blend boosted with...

- Terra Firma's Poultry Manure Base
- Soft Rock Phosphate
- Sulphate of Potash
- Meat Meal
- Bone Meal
- Seaweed
- Zeolite



This supercharged, fully composted, biologically activated organic fertiliser is specifically designed to include 4 forms of Natural Nitrogen, 4 forms of Natural Phosphorus, 3 forms of Natural Potassium, 4 forms of Calcium, 2 forms of Sulphur and 2 forms of Silicon.

## WHY SO MANY?

Plant growth is all about the availability of essential nutrients to the plant. The diverse populations of microbial communities within the soil are responsible for converting these elements into plant available forms. By design, Organic Life offers more than one form of the same nutrient to stimulate many different groups of that unseen workforce and deliver nutrients with different complimentary release times. This improves and supports plant growth, offering the available nutrients when the plant needs it.

## SO WHAT DOES EACH NUTRIENT DO?

**Nitrogen (N)** - Nitrogen is associated with leafy, vegetative growth. In simple terms, nitrogen promotes plant growth and when supplied in the right form, along with a balanced potassium analysis, will deliver strong plants with superior yield and quality. Being involved in every protein in the plant, including enzymes, it is required for virtually every process, from growing new leaves to defending against pest and disease. Nitrogen is also an important part of the 'green' in chlorophyll, giving plants their green colour and creating energy through photosynthesis. Therefore, nitrogen deficiencies result in reduced chlorophyll and cause a yellowing of plant foliage.

**Phosphorus (P)** - The 'energy nutrient' enables the plant to establish strong root and shoot systems early in the growth cycle, creating the best foundation for growing, flowering and fruit set. Phosphorus is another vital element associated with photosynthesis. It works in two ways, by first assisting to capture the sun's energy and then producing the carbohydrate building blocks used in every plant growth process. Adequate Phosphorus creates a strong foundation in young plants, but many people don't realise that a plant requires 2-3 times more energy after establishment to flower, set a crop and finish with a good yield. Phosphorus needs to be available to the plant every day, that's why Organic Life® has been developed with several forms of (P) to extend the release and availability period.

**Potassium (K)** - The quality nutrient moves carbohydrates around the plant and assists in fruit filling. Potassium improves plant stress tolerance, stimulates early growth, improves the efficiency of water use within cells and aids in developing resilience against pests and disease.

**Calcium (Ca)** - A vital nutrient needed for the cell division and strengthening of the cell wall. Good calcium nutrition is associated with improved disease resistance and increased mobility of other nutrients across cell membranes during plant growth. Calcium plays a major role in plant vigour, seed formation and supports strong growth throughout the life cycle of the plant.

**Sulphur (S)** - As well as aiding in growth and seed formation, Sulphur enhances natural resistance to disease, and partners with nitrogen to produce quality plant proteins. Sulphur is also a key component in the development of strong aromatic properties in plants like onions and garlic.

**Silicon (Si)** - Silicon helps calcium to improve cell wall structure, stimulates overall nutrient uptake, improves natural immune responses, and boosts photosynthesis. It can decrease susceptibility to disease and insect damage, as well as alleviating water and environmental stresses associated with water quality (salinity).



we make it **grow**

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Disclaimer: Terra Firma products are regularly tested to ensure quality standards. However, slight variances can arise due to the nature of the naturally occurring inputs which may in turn produce some variance to the analysis. This information is to be used as a guide only to enable you to best assess whether it best suits your individual requirements. Terra Firma will take no responsibility whatsoever for any errors or omissions in the information.\*

# Organic Life®

ideal for veg, fruit & flowers



great for plants & shrubs

delivers more flowers



nutritious organic fruit & veg



## APPLICATION RATES

### GENERAL:

100g - 200g per square metre.

### ROSE FLOWERS & VEGETABLES:

Consider an application of TFF Lime Impact as a pre-plant. Spread 200g per square metre 1-2 weeks before planting. Work into top 5-10cm & water. Established - Spread 100g per square metre every 4 - 6 weeks. For annual flowers apply at early bud formation.

### TREE & SHRUBS:

Before planting mix 50g with the soil at the base of the planting hole. Spread another 50g on top of the soil and under the mulch. Established-spread 100g per square metre, away from the trunk and out to the drip line of the plant. Australian Natives - halve the above rates.

### FRUIT TREES:

Consider an application of TFF Lime Impact as a pre-plant. Before planting mix 100g with the soil in the bottom of the planting hole. Spread another 50g around the drip line and cover with mulch. Established - spread 500g per tree for each year of tree age up to 4kgs. For Citrus apply in July, November & March.

### STRAWBERRIES:

Spread 200g per square metre & mix into soil during bed formation. Side dress rows once every 4-6 weeks - 75g per metre of row after flowering commences.

### VINES & BULBS:

Spread 100g per square metre before planting. Side dress rows once every 4-6 weeks - 75g per metre of row after flowering commences.



Nitrogen (N)	3.60%	Iron (Fe)	2000mg/kg
Phosphorus (P)	3.10%	Manganese (Mn)	300mg/kg
Potassium (K)	4.00%	Copper (Cu)	70mg/kg
Sulphur (S)	1.63%	Zinc (Zn)	300mg/kg
Calcium (Ca)	6.29%	Boron (B)	220mg/kg
Magnesium (Mg)	0.67%	Molybdenum (Mo)	6mg/kg
Silicon (Si)	1.4%	Cobalt (Co)	3mg/kg
Carbon (C)	25.00%		

\*This product is allowable for use on farms (or in facilities) certified to the Australian Certified Organic Standard.



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