

Vital fertilisers for your crop

Vital Start

Liquid Fertiliser for Superior Crop Start

- Promotes and strengthens vital early root & shoot growth
- Contains all major elements
- Reduces plant environmental stress
- Activates soil biology
- Used via irrigation, foliar spray, soil injection, root dip

Analysis : N - 6%, P - 10%, K-3%, with 10% kelp extract and 5% Vitazyme

Vital Start is a unique blend of fertiliser and powerful plant growth promoting compounds.

It has been specially designed to promote early plant growth, stimulate plant photosynthesis and soil biology, and to help crops through the stress of establishment.

Suitable for the first 4 - 6 weeks of growth.

Nitrogen - is a major constituent of several of the most important substances which occur in plants. It is of special importance that nitrogen compounds comprise 40-50% of the dry matter in protoplasm (the living substance in cells). To sustain all growth processes, plants require relatively large amounts of nitrogen.

Phosphorus - is necessary for proper plant metabolism (energy transfer, cell division), flowering and possibly earlier maturity.

Potassium - is essential for translocation of sugars and starch formation; it is also required for leaf stomata opening/closing and improves plant resistance to drought and disease.

The Vital Range combines fertiliser with microbe friendly crop health products to help farmers grow stronger, healthy plants improving quality, yields and profits.



Typical Analysis

Nitrogen	6% as nitrate
Phosphorus	10% as water soluble
Potassium	3%
Kelp Extract	10%
Vitazyme	5%

Directions for Use

Use during early growth period, normally 4 - 6 weeks.

Suitable for a wide range of crops via irrigation, foliar spray, transplant dip or soil injection. Always agitate contents prior to use and dilute prior to application.

Application rate

Via Irrigation:	5-10L/ha
Transplant Dip:	0.5 - 1L per 100L water
Foliar spray *:	2-4L/ha

Repeat application as required.

* Minimum dilution rate of 1L Vital Start to 100L water

Crop Specific

Fertigation Rates/ha

Avocado	5-10L	Apply pre-flowering; repeat at fruit set
Beans	5-7L	Apply early after emergence; 2 leaf stage; repeat 7 days later
Brassicas	5-7L	Apply at transplant as dip or fertigation; repeat 7 days later
Carrots	8-10L	Apply 2-3 days after seeding; repeat 7 days later
Capsicum	8-10L	Apply at transplant as dip or fertigation; repeat 7 days later
Citrus	8-10L	Apply post-flowering until fruit expansion
Cucurbits	8-10L	Apply at transplant as dip or fertigation; repeat 7 days, as required
Cut Flowers	5-7L	Apply at emergence or transplant
Grapes	3-5L	Apply weekly, from bud burst to flower truss visible
Lettuce, Celery	5-7L	Apply at emergence (or transplant as dip) via fertigation; repeat 7 days later
Olive Trees	5-7L	Apply via irrigation pre-flowering; 2-3 times
Onions, Garlic	5-7L	Apply early after emergence; repeat every 7-10 days
Pome, Stone Fruit	5-7L	Apply via irrigation pre-flowering; 2-3 times
Potatoes	8-10L	Apply 2-3 days after seeding; repeat 7-10 days later
Strawberries	8-10L	Apply at planting; repeat 7 days later
Tomato	8-10L	Apply at transplant as dip or fertigation; repeat 7 days later
Transplant Dip	0.5-1.0%	Use as dip or injection at planting
Tree & Vine Establishment	5-7L	Apply at transplant and repeat 2-3 times at 7-10 day intervals

Precautions

Physically compatible with a wide range of commonly used products. Always mix a small quantity (jar test) and check for physical compatibility before using with other ingredients. Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with eyes and skin. Wear protective clothing, safety glasses and gloves when using this product.



Sustainable Ventures Pty Ltd
PO Box 419, Cottesloe, Perth,
Western Australia 6911

www.sustainablefarming.com.au

