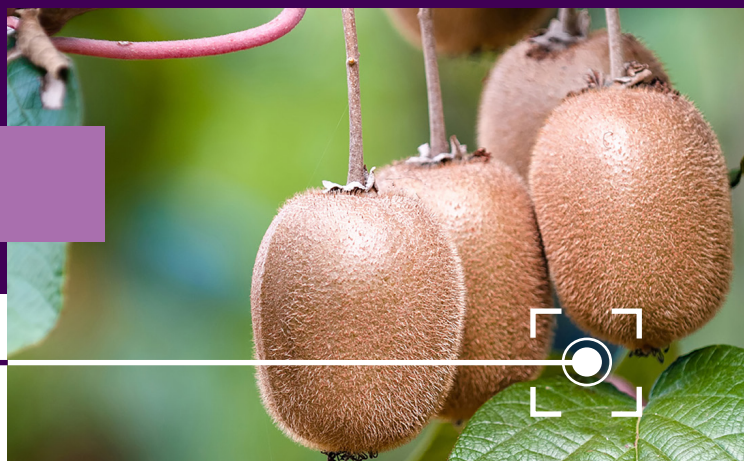
CARBOFUEL™

LIQUID FOLIAR TO PROMOTE GROWTH IN FRUIT CROPS



DESCRIPTION

CARBOFUEL™ is a foliar liquid fertiliser specifically formulated to promote growth in fruit crops.

KEY BENEFITS

- Stimulates reproductive growth
- Promotes flower formation, and fruit set and fruit growth
- Promotes carbohydrate formation for flower, fruit and seed formation
- Formulated with the right balance of macro-and micronutrients to support crops during most demanding phenological stages
- Can be used on a variety of crops
- Specifically formulated for effective and rapid plant uptake
- Contains amino acids, monosaccharides, auxins and cytokinins
- Easy to handle, easy to use
- Suitable for use with most other products containing micronutrients

POSITIONING AND FUNCTIONS

CARBOFUEL™ is an organically based nutrient solution that contains kelp, which is recognized for its high concentration of plant hormones, and is designed to provide crucial nutrients and components to the plant throughout critical growth phases. This product also contains amino acids, precursor and components of protein molecules, and are essential for cell growth and development and have been shown to reduce the impacts of environmental stress. Amino acids also contribute to plant growth and yield by directly or indirectly influencing physiological functions in the plant. CARBOFUEL™ can be applied to maintain optimum nutrient concentrations throughout the season and to correct multiple nutrient deficiencies. CARBOFUEL™ is suitable to stimulate vegetative growth, for example at the start of the growing season, after leaf damage and periods of growth stress. It can also be used during generative growth stages that require high concentration of essential elements and carbohydrates, for example, during flowering, fruit formation and fruit growth. CARBOFUEL™ can also be applied directly after harvest when nutrient and carbohydrates reserves are being stored for the following season. CARBOFUEL™ has the advantage of being a multiple elemental product, which can assist the plant during active growth stages.

CONTAINS

(N% - P% - K% - S%)

(3 - 8 - 2 - 2)

REGION
NEW ZEALAND

TYPE
Liquid

APPLICATION
Foliar

PACKAGING
20 ℓ, 200 ℓ, 1 000 ℓ

CROPS
- Avocados
- Bearing apples and pears
- Blueberries, strawberries and blackcurrents
- Citrus
- Kiwi fruit
- Nut tree crops
- Olives
- Stone fruit
- Wine grapes

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Specialized to succeed

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N Nitrogen stimulates vegetative growth, which is especially important after harvest, spring flush and fruit set.

P Phosphorous is vital for the plant's metabolic processes as well as cell division, sugar and starch formation and the movement of carbohydrates. It is also responsible for root development, increased stalk and stem strength, improved flower formation and seed production, more uniform and earlier crop maturity.

K Potassium plays a key role in the synthesis of proteins, vitamins, starch, and cellulose which ensure normal plant metabolism, plant growth and formation of strong tissues. Potassium is also the key driver for improved flower formation and fruit size and is required in large quantities throughout fruit development and growth.

S Sulphur is an essential element during the synthesis of proteins, especially in the formation of oils. Sulphur is also a constituent of several amino acids and vitamins found in plants.

Mg Magnesium plays an important role in activating enzymes involved in photosynthesis, respiration, and nucleic acid synthesis. It facilitates the translocation of carbohydrate.

Mo Molybdenum is a micronutrient that is directly involved in the metabolic functions of nitrogen in the plant. It is also essential for plants as several enzymes use it to catalyse important reactions.

Cu Copper acts as a structural element in regulatory proteins and participates in photosynthetic electron transport, mitochondrial respiration, oxidative stress responses, cell wall metabolism and hormone signalling.

B Boron stimulates cell development and is important for good flower formation and fruit set. The requirements for boron are higher during pollination, pollen tube growth and early fruit set stages.

Zn Zinc is an essential nutrient for young active growing leaves and during flowering. Zinc also plays a great role in enzyme systems and metabolic reactions and is also necessary to produce carbohydrates.

Fe Iron is only required in small quantities but is important for the synthesis of proteins.

Mn Manganese is only required in small quantities but is important for photosynthesis and serves as a co-factor of enzymes.

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