

©cean Power

SUPER SEAWEED PLANT FOOD

Use Ocean Power® to improve crop, plant and soil health, it will boost plant vigour, defend against natural climatic occurrences, (drought and frost) and also helps defend against insect attack.

Ocean Power® is naturally made from an *Ascophyllum nodosum* seaweed concentrate with added natural bio stimulants that have been identified to boost overall plant health and vigour.

What stimulants have been added to the OceanPower® Super Seaweed Plant Food and a quick rundown on what benefits the stimulants are adding to the seaweed.

Triacantanol

1. Triacantanol can act as a powerful plant growth stimulant.
2. Triacantanol is a compound that increases photosynthesis, plant vigour and reproduction. Since photosynthesis is responsible for over 90% of plant production, your goal is to maximize the amount of photosynthetic activity occurring in your crops foliage.
3. Triacantanol has been scientifically proven to increase cell division rates, which produces larger root and shoot mass. When sprayed on plants during growth periods, it activates secondary messengers which increase enzymatic and hormone activity to boost Brix levels and plant immunity. Other studies on Triacantanol have shown it to improve protein synthesis, promote flowering, tillering and branching, reduce flower and fruit drop, increase crop height and foster earlier crop maturity.
4. Triacantanol is a naturally occurring plant compound, a long chain alcohol to be exact, that is derived from alfalfa.

Why we have added salicylic acid to OceanPower Super Seaweed Plant Food

Salicylic acid (SA), a plant hormone plays an important role in induction of plant defense against a variety of biotic and abiotic stresses through morphological, physiological and biochemical mechanisms. In other words helps in defense against drought stress, heavy frosts, insect attack and against pathogens.

The roll of 3 - Indolebutyric acid (IBA)

Plays a crucial part in the role of plant cell development during the critical time of plants forming crop and fruit which helps with improving yield and quality of crops.



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FEATURES: **Ocean Power** is an easy to use seaweed extract that can be added to a watering can and watered directly onto plants. **Ocean Power** can also be added to your sprayer when applying insecticides, fungicides or herbicides.

INGREDIENTS: A pure form of *Ascophyllum nodosum* marine plant extract with a balance of natural bio stimulants, 3-Indolebutyric acid (IBA), Triacantanol and salicylic acid (SA).

DIRECTIONS FOR USE: Measure out 20mls to 10 litres of water or 10mls to 5 litres of water. Fill your watering can or sprayer with the required amount of water then add Ocean Power seaweed and mix well before applying.

PRECAUTIONS: Avoid contact with eyes and skin and breathing in vapour or spray mist. Wear gloves and eye protection when mixing or using. Use with adequate ventilation.

EMERGENCY RESPONSE: 0800 CHEMCALL (0800 243 622)

Product Information Sheet: A product information sheet including a Certificate of Analysis detailing macro and micro nutrients, carbohydrates and amino acids is available from Grosafe Chemicals Limited.

STORAGE AND HANDLING: This product contains natural preservatives but should be stored away from intense heat and sunlight. It should be stored in a dry environment.



CROP	TIME OF APPLICATION
Pipfruit & Stonefruit	Through spring to harvest, two to three applications. Apply onto the plant until run off.
Citrus	From flowering to harvest, two to three applications. Apply on the plant until run off.
Grapes & Berryfruit	Bud burst to harvest at 30 day intervals.
Vegetables	Through spring to harvest, two to three applications. Apply onto the plant until run off.
Roses & Ornamentals	Apply to roses at early leaf development and after each deheading.
Lawn/Turf	Apply during spring, summer and autumn at 30 day intervals.
Seed soaking	Soak seeds to be planted for 5-8 hours in a dilution of 3 ml/litre of water. Soakage time is dependent on the thickness of the seed coat.
Root dipping	Can reduce mortality rates by dipping planter bags, plant containers or bare rooted plants for five minutes in a dilution of 5mls /10 litres of water, prior to planting.
Hydroponic growing	30mls per 10 litres of water.

Withholding period: Nil

