



Apple



PRODUCT BENEFITS IN DETAIL:

The use of Seasol results in significant improvement of both plant health and crop development resulting in:

- **Improved plant establishment.** By stimulating root growth needed for rapid establishment after planting.
- **Drought/heat tolerance.** Seasol significantly increases drought tolerance by increasing the innate capacity of plants to resist water loss.
- **Cold tolerance.** The same mechanism that protects against drought stress, also provides significant frost protection by reducing the temperature at which cells freeze.
- **Disease resistance.** It has been consistently reported that Seasol treated plants demonstrate reduced incidence and severity of various disease impacts.
- **Increased microbial activity.** Seasol is a food source for beneficial microbes, increasing their number and diversity.



APPLE PRODUCTION RATES AND TIMING

| Stage | Rates | Notes |
|----------------------------------|--|---|
| Fruit set to 15mm King fruit | Seasol 5-10L/Ha or 1ml/sqm of crop area | Apply as a foliar spray with full coverage or via fertigation. Use higher rate for larger trees |
| Beginning of fruit-fill | Seasol 5-10L/Ha or 1ml/sqm of crop area | |
| Early ripening | Seasol 5-10L/Ha or 1ml/sqm of crop area | |
| Post-harvest, prior to leaf fall | Seasol Plus Potassium 6-12.5L/Ha or 1.5ml/sqm of crop area | Apply as a foliar spray with full coverage or via fertigation. Use higher rate for larger trees |

WHERE DOES SEASOL FIT INTO APPLE PRODUCTION?

- Regular application (every 2-4 weeks) during the growing season as a general plant tonic can be used to enhance productivity.
- Targeted application at specific growth stages can be used to provide increased resistance to the impacts of cold or heat.
- Application with or immediately after any fertiliser application can be used to aid nutrient uptake and utilisation.
- Post-harvest application can be used to help plants store nutrients and energy reserves for the following season.



Apple



ABOUT SEASOL COMMERCIAL

Seasol Commercial is a 100% liquid seaweed plant conditioner that provides a synergistic range of natural compounds, trace elements, alginates and carbohydrates from a blend of brown kelps. Seasol promotes root growth, and improves plant tolerance to environmental and climatic stress. By promoting root growth, Seasol also has the effect of enhancing fertiliser efficiency.



**Seasol Liquid
Seaweed
extract**



Seasol is made from *Durvillaea potatorum* and *Ascophyllum nodosum*. *Durvillaea potatorum* is sourced from King Island and the west coast of Tasmania where the kelp is swept ashore after storms. Collection of storm cast kelp is sustainably managed under licenses issued by the Tasmanian Government. *Ascophyllum nodosum* is widely used in the northern hemisphere where it is sustainably harvested from managed kelp beds. The kelps are blended together in our own dedicated processing facility near Launceston to produce the wonderful seaweed solution that is Seasol.



ABOUT SEASOL PLUS POTASSIUM

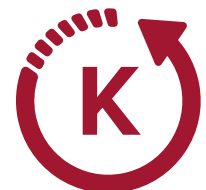


Seasol Plus Potassium is formulated to protect plants from damage caused by biotic and abiotic events that could impact fertility and overall plant yield. In frost events especially, Seasol Plus Potassium can increase accumulation of soluble sugars, which play an essential role in stabilising various biological components such as the cellular membrane and membrane-bound organelles.

By stabilising these components, Seasol Plus Potassium can minimise electrolyte leakage and limit the effects of frost damage.

Seasol Plus Potassium improves frost tolerance in plants through biochemical, molecular, and physiological changes.

Seasol Plus Potassium reduces frost-induced electrolyte leakage by maintaining membrane integrity during freezing stress and helps regulate sugar and acids in plants.



Potassium



**Seasol Liquid
Seaweed Extract**