



Wine Grape



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.



WINE GRAPE APPLICATION RATES AND TIMING

Stage	Rates	Notes
Bud swell	Seasol 10L/Ha or 1ml/sq mt of crop area	Apply via fertigation or irrigation
2 to 5 leaves, shoots up to 10cm	Seasol 5L/Ha	Apply as a foliar spray.
4mm berries (peppercorn size)	Seasol 5-10L/Ha or 1ml/sq mt of crop area	Apply as a foliar spray with full coverage or via fertigation. Use higher rate for larger crop loads or canopies
Prior to veraison – berries beginning to soften	Stress-aid 6-12.5L/Ha or 1.5ml/sq mt of crop area	
Post-harvest, prior to leaf fall	Stress-aid 12.5L/Ha or 1.5ml/sq mt of crop area	

WHERE DOES SEASOL FIT INTO WINE GRAPE PRODUCTION?

- Seasol can be used every 2-4 weeks during the growing season as a general plant tonic to enhance plant health, flowering and fruit production.
- Seasol can be applied as needed to provide increased resistance against frost and heat damage.
- Seasol is a valuable supplement to apply before, or with, any foliar applied nutrients to enhance their uptake and utilisation.



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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.

Seasol Plus Potassium helps regulate sugar and acids in plants. Sugar accumulation helps plants to reduce frost stress by playing an essential role in stabilising various biological components such as the cellular membrane and membrane-bound organelles.



Potassium



Seasol Liquid Seaweed Extract



For more information,
please go to www.seasol.com.au

