Seasol
a better way to grow

Almond

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.

ALMOND APPLICATION RATES AND TIMING

Stage	Rates	Notes
Green tip to Pink bud	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
10% of full bloom	Seasol 5-10L/Ha or 1ml/sqm of crop area	
End of petal fall	Seasol 5-10L/Ha or 1ml/sqm of crop area	
Mid-nut development	Seasol 5-10L/Ha or 1ml/sqm of crop area	
Post-harvest, prior to leaf fall	Seasol 10L/Ha or 1ml/sqm of crop area	

WHERE DOES SEASOL FIT INTO ALMOND 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.

Seasol HORT & AG

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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 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.

Seasol Liquid Seaweed extract

FEATURES AND BENEFITS

Aids plant establishment and reduces transplant shock

Stimulates root growth and enhances flowering

Increases tolerance to adverse environmental conditions

Enhances soil microbial activity

Seasol seaweed extract is rich in organic content, has a high molecular diversity and contains a range of trace elements. Seasol seaweed extract has 8% total organic matter content and 3.7 % (w/v) Potassium *(Typical Analysis April 2017)*. Seasol seaweed extract is manufactured from two types of seaweeds producing a refined liquid seaweed extract and filtered to 150micron for agricultural use.

Seaweed extracts are effective across a wide variety of plants and soils, and have many beneficial plant growth and plant health properties *(Arioli et al, 2015; Shukla et al, 2019; Islam et al, 2020)*