



# Seasol Plus Potassium

## TECHNICAL INFORMATION

### OVERVIEW

**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 Liquid  
Seaweed Extract



Potassium



### ABOUT SEASOL PLUS POTASSIUM

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.

### 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

### TYPICAL ANALYSIS

W/V: Nitrogen (N) 0.1%. Phosphorus (P) 2.9%. Potassium (K) 10.8%

#### Soil and Fertiliser



Water / Seasol



# Seasol Plus Potassium

A UNIQUE FORMULATION OF  
BIOSTIMULANT AND NUTRIENTS

Seasol<sup>®</sup>  
**HORT  
& AG**

## INSTRUCTIONS FOR USE

- Seasol Plus Potassium** must be diluted in water. Use sufficient water to achieve adequate coverage when applying as a foliar spray.
- Shake or agitate before use. Maintain agitation during dilution and application if possible.
- Can be applied via irrigation or foliar application to mitigate crop damage and assist recovery.

## APPLICATION GUIDELINES

Category	Timing	Rate	Application / Critical Comments
Plant Stress	Germination	6-12.5L/ha or 1.5ml/sqm of crop	Apply lower rate. Post emergence 3-4 leaf stage for accelerated growth. Repeat applications as required
	Transplant Shock		Apply to seedlings prior to transit at 1/400 dilution. Apply post transplant for planting shock and promote immediate root growth. Use lower rate to start, increase rate as crop matures
	Critical Growth Stages		Apply prior to each critical growth stage to encourage strong growth and increase crop development. Apply during periods of poor plant performance. Target repeat applications to support high crop loads. <b>Seasol Plus Potassium</b> will complement any nutrition program facilitating nutrient uptake and absorption
	Hail Damage		Apply 2 applications 7-10 days apart, repeat as required. Use a higher rate for larger crops
	Post Harvest		Combine application with post harvest program for increased uptake
Climatic Stress	High Temperatures	6-12.5L/ha or 1.5ml/sqm of crop	Apply 3-5 days prior to heat wave. 12.5L/ha or 1.5ml/sqm of crop area
	Frost		Apply 3-7 days prior to frosts. 12.5L/ha or 1.5ml/sqm of crop area
	Poor Water Quality		Apply lower rates frequently. Maintain higher soil moisture levels with frequent or pulse irrigation. Alternatively apply regular foliar applications
	Salinity EC		Reducing EC uptake. Apply lower rates frequently. Maintain higher soil moisture levels with frequent or pulse irrigation. (Combine with "Soil Wetter" to improve penetration and increased soil moisture status)
	Excess Water		Apply as foliar spray and repeat as required. Use a higher rate for larger crops
	Wind		Apply frequently. Maintain higher soil moisture levels with frequent or pulse irrigation. Use a higher rate for larger crops

## GENERAL INSTRUCTIONS

**Foliar Spraying:** Apply the product as soon as possible after mixing in the spray tank. Maintain agitation in spray tank if possible. **Seasol Plus Potassium** can be used as a foliar application or applied directly to the soil and can be applied with boom sprays, air blast sprays, drip systems, travelling irrigators, centre pivots and by aerial application. **Fertigation:** Agitate the product regularly in the fertigation tank. For best results use the product on its own. **Seasol Plus Potassium** can be mixed with a number of agricultural chemicals **DO NOT COMBINE WITH CALCIUM NITRATE.** See tank mix compatibility information at [www.seasol.com.au](http://www.seasol.com.au)

## STORAGE AND HANDLING

Not to be kept for prolonged periods in hot conditions (>30°C) or in direct sunlight. Always use safe work practices for lifting and handling drums. Once diluted, the product should be applied within 24 hours. Agitate the product prior to using and re-agitate if the product is left standing for an extended period of time.

## SAFETY DIRECTIONS

Keep out of reach of children/pets. Read carefully and follow all instructions. Wash hands, face and all exposed skin thoroughly after handling. Wear protective gloves/protective clothing including eye/face protection. Additional information is listed in the Safety Data Sheet.

CONTAINS: 0.5 - 2% Potassium hydroxide

## FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766). If medical advice is needed, have product container or label at hand. **SWALLOWED:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice. **EYE:** If in eyes, hold eyes open, rinse cautiously with water for at least 15 minutes and see a doctor. **SKIN:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice. **INHALED:** Remove from contaminated area. Seek medical advice.

## CONDITIONS OF SALE

This product must be used strictly in accordance to the directions. The efficacy of the product may be influenced by environmental conditions and application procedures and no warranty, express or implied is offered.



**SEASOL INTERNATIONAL**  
1027 Mountain Highway, Bayswater, VIC, 3153  
Toll Free (within Australia) **1800 335 508**  
[www.seasol.com.au](http://www.seasol.com.au)

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