



# Sugarcane Production

Seasol is a highly refined liquid seaweed plant conditioner that provides a synergistic range of natural compounds, trace elements, alginates and carbohydrates derived from a blend of the finest brown kelps from around the world.

*Durvillaea potatorum* from North West Tasmania and *Ascophyllum nodosum* from the North Atlantic.

It is designed to provide additional benefits to complement an existing plant fertiliser program.

## SEASOL & SEASOL+PLUS - Benefits:

- Stimulating growth and development for superior yield and quality.
- Improving tolerance to heat, drought and frost conditions.
- Assisting the plant's natural resistance to insect and fungal attack.
- Optimising balanced plant nutrition with a broad range of trace elements and minerals.
- With virtually no nitrogen or phosphorous, Seasol products do not interfere with fertiliser inputs.

## Fitting Seasol into Cane production?

- Seasol promotes strong tillering, grand growth and even maturation.
- Seasol can be used every 2-4 weeks during the growing season as a general plant tonic to enhance plant health and bio-mass production.
- Seasol is a valuable supplement to apply before, or with, any foliar applied nutrients to enhance their uptake and utilisation.



**AUSTRALIAN FAMILY OWNED & MANUFACTURED**

*Seasol – Discover the Benefits!!! “ Proven by Science ... Confirmed in the Paddock “*



Seasol International is dedicated to the development of high quality, organically based and environmentally friendly products that offer a viable alternative to traditional chemical/fertiliser practices.

Seasol continually strives to be at the forefront of innovation in this field, constantly searching for better, safer, more economical and sustainable ways to achieve optimum plant health for sustainable farming.

## PowerFeed

**PowerFeed** is an organic-based liquid fertiliser (NPK: 12:1.4:7) and soil conditioner. It is made from a high quality fish emulsion, fortified with both essential nutrients and Humic compounds for effective soil improvement and plant growth support.

**PowerFeed** is a dual action product (ie. either soil or foliar applied) combines general purpose NPK, trace elements and bio-stimulant activities in both the plant and the soil that are unavailable elsewhere.

Extra benefits from **PowerFeed** include improved soil structure and friability in clay soils and increased biological activity in the soil.

## Product benefits in detail:

The use of Seasol results in significant benefits for both the plant and the crop. Application at critical development stages results in:

- **Improved plant establishment.** Seasol stimulates root growth needed for rapid establishment of new plantings.
- **Drought tolerance.** Seasol significantly increases drought tolerance. It does this by helping plants protect against water loss.
- **Frost tolerance.** The same mechanism that protects against drought stress, also provides significant frost protection by reducing the temperature at which plant cells freeze.
- **Improved fruit set and quality.** The natural substances and trace elements in Seasol improve the evenness of crop development and general plant performance.
- **Disease resistance.** It has been consistently reported that Seasol treated plants demonstrate reduced incidence and severity of disease.
- **Increased microbial activity.** Seasol is a food source for beneficial soil microbes increasing their number and diversity.

SUGARCANE APPLICATION RATES AND TIMING		
STAGE	RATES	NOTES
Planting material prior to planting	<b>Seasol 1 : 400 solution</b>	Soak for 1 hour prior to planting
1 week after planting	<b>Seasol @ 5 L/Ha</b>	Soil application via boom spray or irrigation
Early tillering	<b>Seasol @ 5 L/Ha and PowerFeed @ 5 L/ha</b>	Either foliar spray or via fertigation
Early maturation phase	<b>Seasol @ 5 L/Ha</b>	Foliar spray or via irrigation
RATOON CROP		
After selection of the Ratoon (sucker)	<b>Seasol @ 5 L/Ha and PowerFeed @ 5 L/ha</b>	Soil application via boom spray or irrigation
Then continue as for plant crop		

### General information - Chemical compatibility

Please refer to our website to check the compatibility of chemicals before mixing. Seasol and Earthcare products should be used within 24 hours of being diluted.

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