Pineapple 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 - Benefits in Brief:**

- Seasol enhances fruit set and marketable yield.
- Seasol improves tolerance to heat, drought and frost conditions.
- Seasol assists a plants natural resistance to insect and fungal attack.
- Seasol optimises balanced plant nutrition with a broad range of trace elements and minerals.
- Seasol contains virtually no nitrogen or phosphorous, so it will not interfere with other nutritional inputs.

**Fitting Seasol into Pineapple 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 development.
- 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.
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 production.** 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.

### PINEAPPLE APPLICATION RATES AND TIMING

<table>
<thead>
<tr>
<th>STAGE</th>
<th>RATES</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediately after planting</td>
<td>Seasol @ 5 L/ha</td>
<td>Soil application via boom spray or irrigation</td>
</tr>
<tr>
<td>Flower emergence</td>
<td>Seasol @ 5 L/ha</td>
<td>Either foliar spray or via fertigation</td>
</tr>
<tr>
<td>Early fruit development</td>
<td>Seasol @ 5 L/ha and PowerFeed @ 5 L/ha</td>
<td>via fertigation or irrigation</td>
</tr>
<tr>
<td>Mid ripening</td>
<td>Seasol @ 5 L/ha</td>
<td>Either foliar spray or via fertigation</td>
</tr>
</tbody>
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### RATOON CROP

| After emergence of the Ratoons | Seasol @ 5 L/ha and PowerFeed @ 5 L/ha | Soil application via irrigation or boom spray to encourage & accelerate root growth. |

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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**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.