

# Lettuce Production



**SEASOL** is a highly refined liquid seaweed plant conditioner that provides a synergistic range of natural compounds, trace elements, alginates and carbohydrates from a blend of brown bull kelps.

It is designed to provide additional benefits to complement an existing plant fertilizer program. These benefits result from a general increase in overall plant vigor, yield and quality.

The product is available as SEASOL ADVANCED ROOT BOOST for conventional production and SEASOL ORGANIC ROOT BOOST CDFA OIM approved for conventional and organic production.



## SEASOL aids production by:

- Promotes root and crop growth
- May help improve tolerance to heat and cold
- Improves soil moisture retention
- Better utilization of applied fertilizer

## Fitting SEASOL into Lettuce production

- Regular application (every 2-4 weeks) during the growing season as a general plant conditioner 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 fertilizer application can be used to aid nutrient uptake and utilization.



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**Seasol International** is dedicated to the development of high quality, organically based and environmentally friendly products that complements existing farm inputs and practices.

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

**PRODUCTION BENEFITS:**

The use of SEASOL results in significant improvement of both plant vigor and crop development resulting in:

- Improved plant establishment. SEASOL promotes root growth needed for rapid establishment after planting.
- Drought/heat tolerance. SEASOL significantly improves drought tolerance by increasing the capacity of plants to retain moisture and may assist in mitigating saline conditions.
- Cold tolerance. The same mechanism that protects against drought stress, also provides significant frost protection by reducing the temperature at which cells freeze.
- SEASOL leads to stronger root systems, larger leaves, and better fruit quality.
- Increased microbial activity. SEASOL works as a food source for beneficial microbes, increasing their number and diversity.
- SEASOL will aid the nutrient uptake and create better nutrient reserves for the next season’s crop.
- Stronger Plants. SEASOL improves the strength of the internal tissues, to reduce tip burn and other physiological disorders, common to lettuce.
- Potential Increased Shelf Life. SEASOL promotes healthier plants that store longer.



**Application rates and timing:**

STAGE	RATES	NOTES
Immediately after transplant or at six leaf stage in direct sown crops	2 quarts / acre	Foliar or Fertigation
10-14 days later or prior to cupping of Lettuce	2 quarts / acre	Foliar or Fertigation
3 weeks after transplanting in Celery	2 quarts / acre	Foliar or Fertigation
Then every 2-3 weeks	2 quarts / acre	Foliar or Fertigation
2 weeks pre-harvest	2 quarts / acre	Foliar or Fertigation

**General information**

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



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