

# Walnut 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
- Improving tolerance to heat and cold
- Developing greater water-use efficiency
- Aiding more effective utilization of applied fertilizer

## Fitting SEASOL into Walnut 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, heat, and saline conditions.
- Application with or immediately after any fertilizer application can be used to increase nutrient uptake and utilization.
- Post-harvest application promotes root growth for increased uptake and storage of nutrients and energy reserves for the following season.



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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.
- Improved crop set. Trials have demonstrated improved conversion of flowers to nuts.
- Easily mixes with most N, P, K fertilizers. Jar test before mixing with calcium.
- Early Post-Harvest application may increase amount of fruit buds, as well as aid tree recovery from harvest stress.



**Application rates and timing:**

STAGE	RATES	NOTES
Early Bloom	2 quarts / acre	Fertigation
50% Leaf Expansion	2 quarts / acre	Foliar or Fertigation
Bud Retention	2-4 quarts / acre	Fertigation
Early Nut Fill	2 quarts / acre	Foliar or Fertigation
Repeat every 2-4 weeks during the summer	2 quarts / acre	Foliar or Fertigation
Post-Harvest (while leaves remain active)	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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