

SEA-CROP® Seawater Mineral Concentrate

SEA-CROP® is a premium, broad-spectrum ocean mineral concentrate harvested from pristine deep-ocean currents. It delivers over 90 naturally occurring elements in highly plant-available ionic form, along with diverse beneficial bacteria, bacteriophages, and natural organic matter.

Unlike other sea mineral products, SEA-CROP® is never dried or heated during processing. This gentle approach preserves the living microbial community and prevents denaturation of delicate organic compounds—ensuring maximum biological activity and effectiveness. The SEA-CROP® concentration process, removes approximately 90–95% of the sodium and chloride found in seawater (far more reduction than competing products). The result is a highly efficient, low-sodium concentrate that ships, stores, and applies with minimal volume—making it practical and cost-effective for growers.

SEA-CROP® serves as a key component in **biological fertility programs**, functioning as a complete trace mineral and micronutrient supplement to support vibrant, resilient plant growth.

Key Benefits of SEA-CROP®

When incorporated into your fertility plan, SEA-CROP® helps unlock the full genetic potential of your crops. Growers consistently report:

- Higher **yields** and improved overall productivity
- Enhanced **nutrient density**, superior flavor profiles, and extended shelf life
- Better **nitrogen utilization** and more efficient protein synthesis
- Increased **nutrient uptake** and assimilation across macro- and micronutrients
- Elevated **photosynthesis rates** and metabolic efficiency
- Higher **Brix levels** (indicating improved sugar content and plant health)
- Improved **soil tilth** and structure over time
- Stimulation of beneficial **soil microbial populations**
- Reduced **transplant shock** and faster establishment
- Elevated levels of protective **anti-oxidants** and phytonutrients
- Greater plant **tolerance** to environmental stresses—including drought, heat, cold, pest pressure, and disease challenges

These benefits stem from providing a full spectrum of ionic minerals and bioactive compounds that support robust plant physiology, from the roots to the leaves.

Application Guidelines

SEA-CROP® is a concentrated product and **must be diluted** before use.

- **Recommended dilution rate:** 1% to 2% solution strength
 - 1 gallon of SEA-CROP® + 49 gallons of water = 2% solution (makes 50 gallons total)
 - 5 tablespoons (≈2.5 ounces) of SEA-CROP® per gallon of water = 2% solution
- **Maximum application rate:** Do not exceed **3 gallons of SEA-CROP® concentrate per acre** in any single application, regardless of dilution.
- SEA-CROP® can be applied as a foliar spray, soil drench, fertigation, or seed treatment—integrate it flexibly into your existing program.

Always follow best practices for your crop type, growth stage, and local conditions. SEA-CROP® pairs especially well with biological and regenerative farming approaches.