

# Stress Rx Ag®

**Stress Rx® Ag from Ocean Organics significantly increases your crop's heat, UV, drought and salt stress tolerance, improves its survival potential, and promotes recovery.**

Stress Rx contains the most diversified combination of stress tolerance and plant strengthening constituents available. It can help plants better tolerate the physiological effects of salinity, drought, heat and UV radiation.

University researchers (Rutgers, Virginia Tech, UC Riverside), as well as private research agronomists, have showed that the active ingredients in Stress Rx Ag improve stress tolerance to salt, drought, heat and UV stresses.

Six years of data show:

- Improved yield under salt stress
- Improved relative water content and better osmotic balance

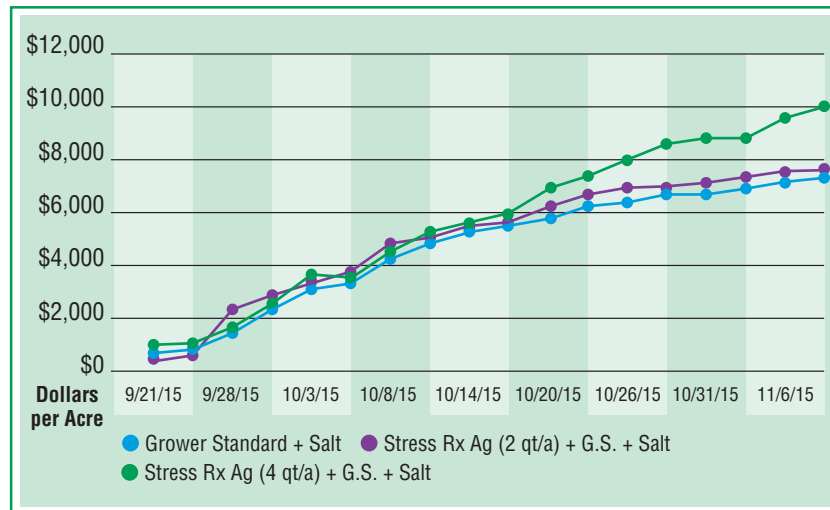


- Less membrane leakage
- Better roots and recovery

Stress Rx Ag contains Ocean Organics' proprietary seaweed extract, along with the most diverse and complete combination of stress-fighting compounds on the market.

- Unique osmoprotectants, such as exclusive glycinebetaines (the compounds that allow seaplants to adjust and survive in salt water.)
- Powerful pigments like xanthophyll that stabilize photosynthetic membranes and act as effective antioxidants to scavenge plant-damaging free radicals.

To further enhance stress tolerance, osmotic balance and micronutrient chelation, Stress Rx also contains Ocean Organics' unique PRO-AMINO® TECHNOLOGY: 18 of 20 proteinogenic amino acids from 3 plant-derived sources.



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In a strawberry trial in California, salt-stressed strawberries treated with Stress Rx Ag at 4 qt/acre (applied every 14 days) were compared with a grower standard without Stress Rx Ag. **Treatment with Stress Rx Ag resulted in a cumulative numerical increase of \$2792 to the grower's return per acre for the season, as compared to the grower standard.**



**OCEAN ORGANICS...  
LEADERSHIP IN STRESS  
MANAGEMENT RESEARCH**

**From UC Riverside (Dr. James Baird)  
Evaluation of Products to Alleviate  
Salinity Stress**

The idea for Stress Rx Ag initially began with successful research in the turfgrass industry, which is frequently forced to use poor quality irrigation water. Out of thirty commercial treatments tested at UC Riverside on salt-stressed Bermuda grass, the treatment containing Stress Rx was the only one to successfully improve plant health: "The treatment containing DeSal and Stress Rx (Ocean Organics) increased turf quality at the end of the 2013 study period and decreased sodium absorption ratio (SAR) and sodium (Na) content in the soil."

James Baird, Marco Schaivon et al. "Evaluation of Products to Alleviate Salinity Stress in Bermudagrass Turf 2013-14 Final Report"

**Ocean Organics has been committed to research for more than 40 years. Our products and programs have been the top performers for mitigating heat, drought, salinity and UV stresses in numerous trials throughout North America over the last eight years.**

**Stress Seldom Travels Alone™**

Today's environment is unique in that we simply can't predict what's coming next. But one thing we can count on is that there will be stress. August 2016 was the hottest August since record keeping began in 1880, according

**"Drought is one of the most common environmental stresses limiting plant growth."**  
Bingru Huang, Ph.D., Rutgers University

to NASA scientists — the Earth's temperature reached its highest point in 136 years in July. Drought continues to be an ongoing concern across California, parts of the Southeast, Southwest and Texas, and is likely to continue. For the nation as a whole, drought expanded more than it shrank, with the Continental drought footprint increasing to 21.1%.

**Stress Rx Ag from Ocean Organics can help your crop perform under stress. It will also promote recovery by building more vigorous root systems and plant health.**

Contact us to discuss your specific needs:

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Ocean Organics has been processing seaweed and formulating fertilizers for 40 years. Our innovative processing technology yields products richer than others yet with fewer solids and lower viscosity. This means our extracts can be used with a broader range of materials with better blending, mixing and stability characteristics. Our seaweed-based fertilizers, plant health materials and soil conditioners lead the industry in quality, effectiveness, cost efficiency and environmental sustainability.



**Ocean Organics®**

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