

BIOSTIMULANTS: SUSTAINABILITY IN ACTION

AIR SAME CROP, LESS CARBON

- Greater yield, same amount of fertilizer
- More applied nitrogen utilized by crop
- Less CO₂ emitted per acre



LAND BETTER YIELD PER FIELD

- Improve productivity and health of existing crop acres
- Regenerate degraded soil
- Reduce need for deforestation



SOIL

UNMATCHED MICROBIAL DIVERSITY

- Enrich soil's anaerobic and aerobic microbiome
- Enhance nutrient availability and uptake
- Degrade crop residue supporting conservation tillage

20+ MICROBIAL STRAINS 

FOOD

PREMIUM PRODUCE

- Decrease food loss per acre
- Greater quality yield
- Increase grower profitability

13%
MORE PREMIUM
QUALITY PRODUCE³



WATER

MORE CROP PER DROP

- Increase crops' drought tolerance
- Maintain yield using less water
- Fewer nutrients washed into waterways

405 GALLONS
OF WATER SAVED PER CORN BUSHEL²

References:

1. CO₂ emissions reduction equivalent per 250 acres of corn treated with Agrinos products. U.S. Field Trials Results - Corn Carbon Equivalent Savings. 2015 California Corn Trials. Calculated with the Cool Farm Tool. Data on file.
2. Reduction of water required to produce each bushel of corn when Agrinos High Yield Technology was applied. U.S. Field Trials Results. 2015 & 2016 California Corn Trials. Water Stress Study. Data on file.

3. Yield increase in premium quality produce using Agrinos products. U.S. Field Trial Results - Agrinos increases sweet onion grade yields in Georgia 2016 cv "Sweet Agent". Data on file.
4. Percent of worldwide agricultural soil degraded to the point of not productive, farmable by 2050 without a change in practices. The State of the World's Land and Water Resources for Food and Agriculture, Food & Agriculture Organization of the United Nations 2011.