

CROP+

A VERDESIAN NUE™ SOLUTION

Foliar Nutritional Supplement

Developed with Cytozyme's proprietary technology, CROP+ is a nutritional product designed to support plant tolerance to abiotic stress, improving yield and quality of crops. Its multiple modes of action and multi-disciplinary approach help plants treated with CROP+ perform better.

CROP+ Nutrients

- Support the natural genetic expression of plants
- Helps reduce the effects of abiotic stress through high antioxidant activity
- Aids plant metabolism at critical stages of development which determine the yield and quality of the crop

CROP+ Performance

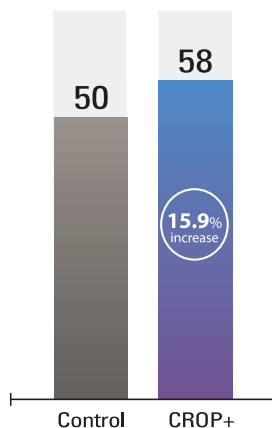
- Improved abiotic stress tolerance¹
- Increased yields³
- Increased photosynthesis²
- Improved uptake of nutrients



CROP+ Results

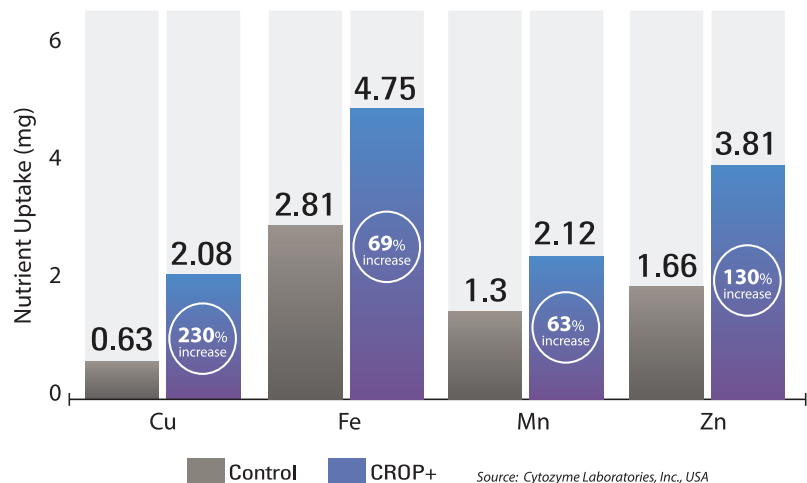
Higher Yields — CROP+ produced, on average, 19% higher yield than other commercial products. CROP+ increased photosynthesis by an average of 16% in field trials. Treated plants absorbed more nutrients and reduce damage caused by abiotic stress, increasing soybean yields by 15.9%.

CROP+ Increased Soybean Yield (bu/A)



¹ application of Crop+ at 8 fl oz/acre (0.6 l/ha) at pod set
Source: 2010, 2011 (IRF, USA)

CROP+ Increased Nutrient Uptake Through Corn Roots



Source: Cytozyme Laboratories, Inc., USA

Technical Data Reports • Cytozyme Laboratories, Inc.

1. Effect of Seed+™ Extra and Crop+™ on Yield in a Soybean Irrigation Trial. Prepared by Pawel Wiatrak, Ph.D., Director of Technical Services, TDR • SBEAUSUT1701

2. Effect of Crop+™ Physiological Response Related to Photosynthesis in Citrus. Researchers: Miquel Hernandez de Elche University and Agriauto, Prepared by M. Canady, Ph.D., Director of Technical Services, TDR • CITRSPA11703

3. Effect of Crop+™ on Corn Production. Prepared by Pawel Wiatrak, Ph.D., Director of Technical Services, TDR Review • Volume 10(1)2012



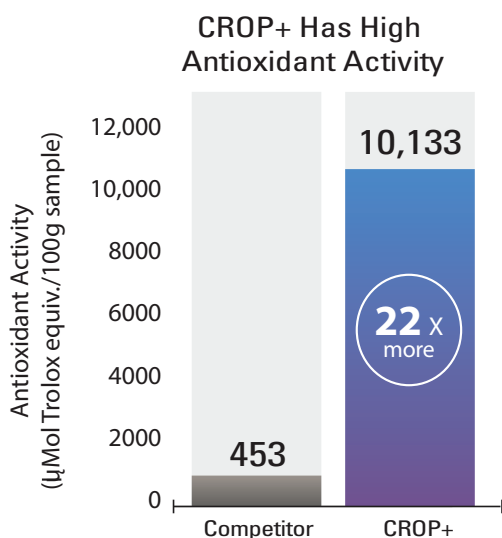
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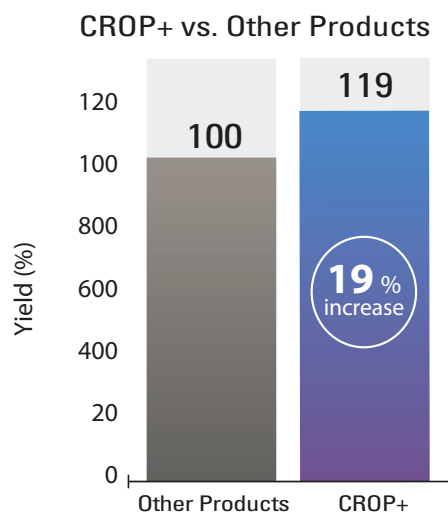
CROP+ Research Results

Environmental stress including temperature and moisture extremes suppress nutrient uptake through the roots and cause oxidative stress, by supplying copper, zinc and manganese. Foliar application of CROP+ supports activation of enzymes involved in control of reactive oxygen species protecting cells against oxidative stress.

CROP+ has 22 times higher antioxidant activity than other products.



Source: Cytozyme Laboratories, Inc., USA



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Application:

CROP+

Method of Application

Foliar applied

Corn, Milo, Millet, Sorghum: one application at 6 to 8 leaf stage

Soybean: two applications at pre-bloom and again at pod-set stage

Cotton: four weekly applications starting at the beginning of pinhead square

Rate of Application

Corn, Milo, Millet, Sorghum: 8 fl oz per acre (600 ml per hectare)

Soybean: 8 fl oz per acre (600 ml per hectare)

Cotton: 4 fl oz per acre (300 ml per hectare)

(See product label for details)

MANUFACTURED BY:

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