

NutriSync®

Nutrition on the Move

"Improving Uptake, Mobilization & Utilization of Nutrients"

NUTRISYNC PRODUCT FEATURES

- ***Mobilize essential nutrients to areas of peak demand***
- ***Utilize key nutrients at critical growth stages***
- ***Enhance plant metabolism and transport of nutrients***
- ***Increase the integrity of plant cells and overall plant growth and vigor***

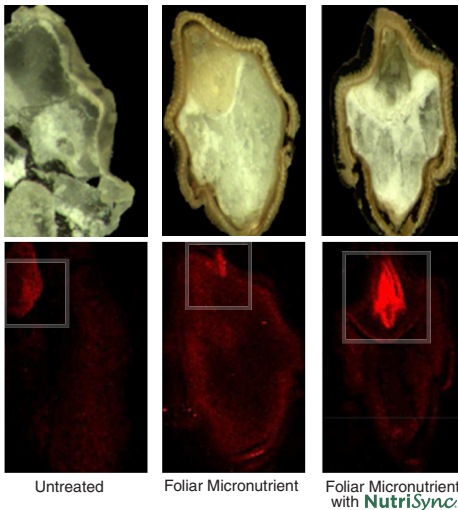
Improving plant nutrient uptake, transport and utilization

NUTRISYNC and **NUTRISYNC** Foliar Micronutrients prompt crops to move existing and applied nutrients from the roots and older leaves to new growth areas where they are needed most for plant growth and productivity. By remobilizing nutrients within the plant, **NUTRISYNC** Nutrient Transport Technology helps to supply your crop with key nutrients to the areas of highest demand, which can result in healthier plants, faster growth, higher yield potential, and more consistent quality.

How does **NUTRISYNC** Nutrient Transport Technology work in plants?

NUTRISYNC Nutrient Transport Technology is a naturally occurring carbohydrate that supports many of the processes that are central to plant growth and development, including nutrient uptake, storage, transport and use. It also plays a role in cell signaling in the plant, production of the plant cell wall and response to salt stress. **NUTRISYNC** Technology is the reason foliar nutritional tools powered by **NUTRISYNC** consistently perform when other foliar nutrients may fail.

NutriSync Products Performance -
Rice Kernel Cross Section



Higher accumulation of applied nutrient as indicated
by higher concentration of bright red in photos.

Source: Dr. Patrick Brown, UC Davis, data generated at Stanford National Lab

How It Works

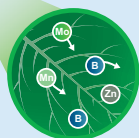
Without NUTRISYNC

- ✓ Low-mobility nutrients remain in the roots and older leaves
- ✓ Less efficient nutrient utilization
- ✓ Newer growth may experience nutrient deficiencies

With NUTRISYNC

- ✓ Nutrients are remobilized from roots and older leaves
- ✓ Greater nutrient utilization
- ✓ Can lead to faster growth, higher yield potential and more consistent quality

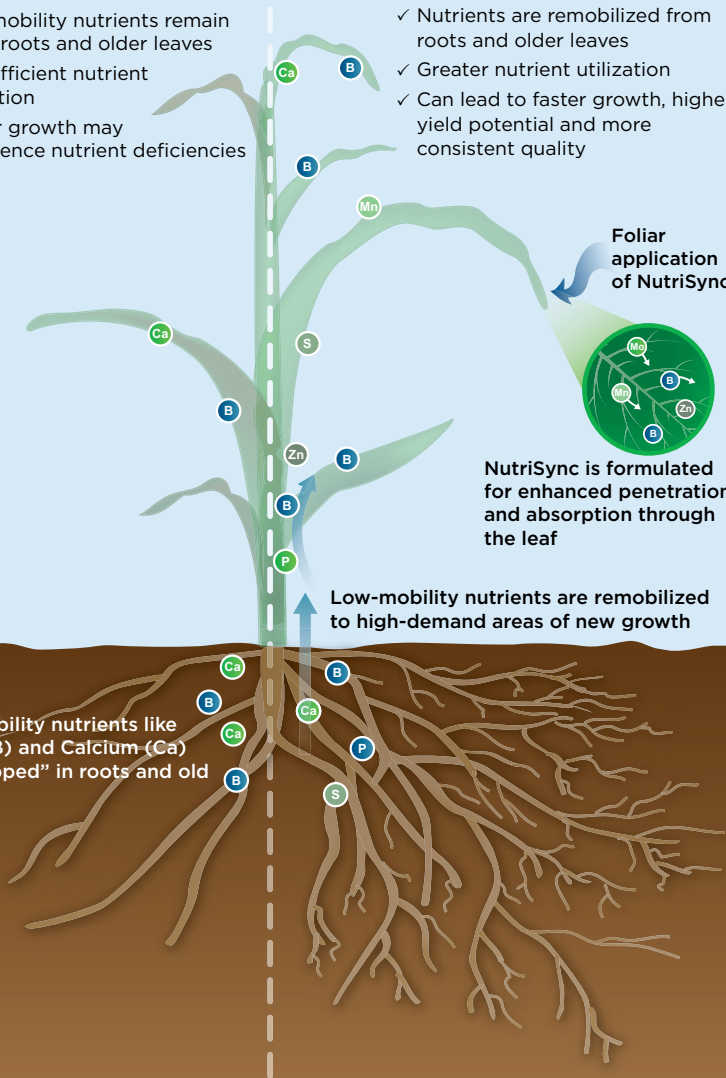
Foliar application of NutriSync

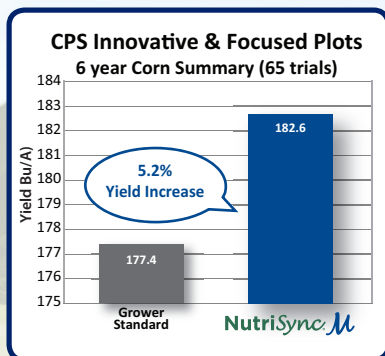
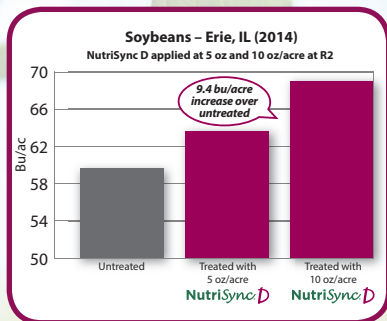


NutriSync is formulated for enhanced penetration and absorption through the leaf

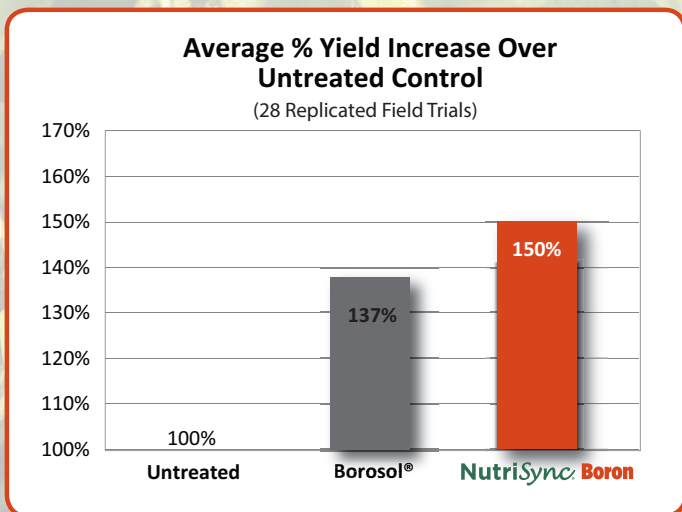
Low-mobility nutrients are remobilized to high-demand areas of new growth

Low-mobility nutrients like Boron (B) and Calcium (Ca) are "trapped" in roots and old leaves



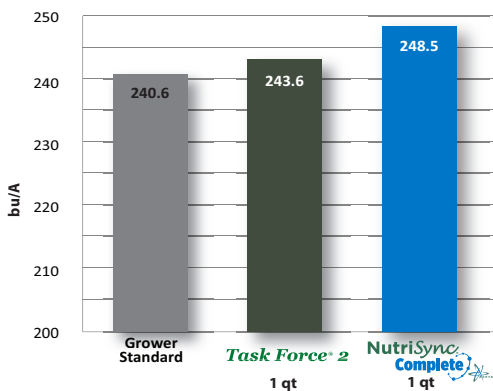


Source: MN & SD Trials from 2009-2015



Source: Loveland Products Tech Services Agronomist, 2012.

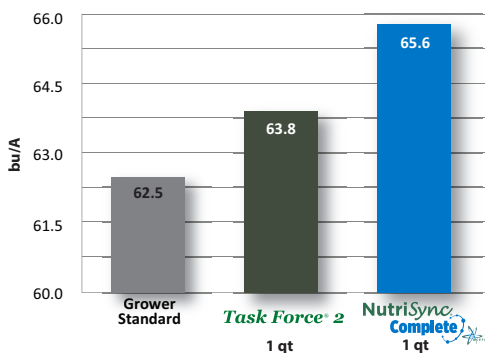
NutriSync Complete Corn Trials, 2016



All treatments applied v6 corn. All include LI 700@ 0.125%

Source: Tech Services, 2016.

NutriSync Complete Soybean Trials, 2016

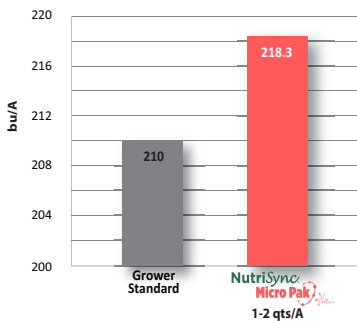


All treatments applied v6 6-26. All include LI 700@ 0.125%

Source: Tech Service, 2016.

NutriSync Complete is not registered for use in California or Oregon.

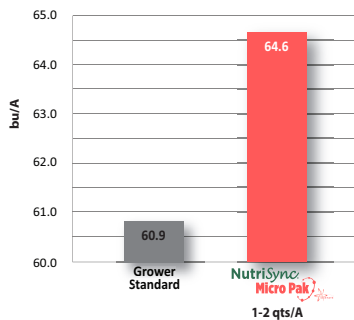
NutriSync Micro Pak Corn Trials (26 comparisons)



* Applied during early vegetative stage.

Source: Loveland Tech Services, 2014 to 2016.

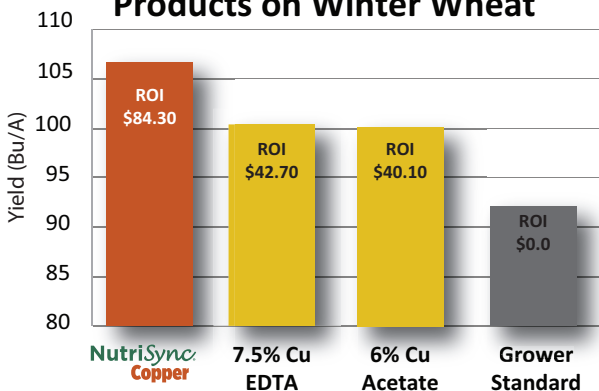
NutriSync Micro Pak Soybean Trials (26 comparisons)



* Applied during early vegetative stage.

Source: Loveland Tech Services, 2014 to 2016.

Comparison of Copper Products on Winter Wheat



Source: Loveland Products Tech Services Agronomist, 2013.

The NUTRISYNC Family of Products

Growers who want to get the most out of their nutrition program look to **NUTRISYNC®** brand micronutrients. Powered by **NUTRISYNC** proprietary nutrient transport technology - **NUTRISYNC** brand micronutrients enhance nutrient assimilation, mobilization and utilization within a variety crops. Available in a complete line of highly effective formulations there is a **NUTRISYNC** brand micronutrient available to suit your unique needs. Get your nutrition on the move, with **NUTRISYNC!**

NutriSync® **D**

NutriSync®
Boron

NutriSync®
Calcium

NutriSync®
Complete 

NutriSync®
Copper

NutriSync®
Magnesium

NutriSync® **M**

NutriSync®
Manganese

NutriSync®
Micro Pak 

NutriSync®
Phos 

NutriSync®
Sulfur

NutriSync®
Zinc

Contact Your CPS Retailer

Loveland Products, Inc.

3005 Rocky Mountain Ave.

Loveland, CO 80538

(970) 685-3300

www.lovelandproducts.com



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