

N-Boost<sup>®</sup> 5

# Increase Nutrient Uptake and Use

N-BOOST 5 is a foliar nitrogen supplement with a patented fermentation extract derived from sugarcane. The formulation helps boost nutrient uptake and utilization, which in turn enhances new plant growth and yield. Increased nutrient uptake not only benefits crop yield, it helps the environment by reducing nutrient run-off and leaching into local watersheds.

### \*Key Benefits of N-BOOST

- Increased plant growth and taller, fuller, more vigorous looking crop.
- Earlier and increased silking
- Better size uniformity
- Increased yield and increased weight, length and earfill
- Compatible with most pesticides and herbicides

\*Results reported from 2014 NY Sweet Corn trials with N-Boost, BRANDT Smart Trio® and Manni-Plex® B-Moly



N-Boost is a registered trademark of Donaghys Industries Ltd.

#### **Guaranteed Analysis**

Total Nitrogen (N)	5.0%
5.0% Urea Nitrogen	

#### Derived from urea

ALSO CONTAINS NONPLANT FOOD INGREDIENTS:

3% Fermentation extracts (Derived from fermentation of sugarcane using mixed yeast and lactic acid bacteria culture is not a viable culture.)

## **Application Rates and Use**

**Root and Tuber Vegetables:** (including potatoes, sugar beet, sweet potatoes, carrots, etc.): Apply 2-3 qt/A at tuber initiation and repeat 3 weeks later.

**Leafy Vegetables:** (including spinach, lettuce, Brassica): Apply 1-2 qt/A2 weeks prior to first cut.

**Bulb Vegetables:** (including onions, garlic, leeks): Apply 1-2 qt/A at first true leaf and repeat 4 weeks later.

**Cucurbit Vegetables:** (including melons, squash, cucumbers): Apply 1-2 qt/A during vegetative growth and repeat as needed.

**Fruiting Vegetables:** (including tomatoes, peppers) and Legume Vegetables: (including peas, green beans, sweet peas): Apply 2-3 qt/A at first flowering and repeat 4 weeks later.

**Corn and Soybeans:** Apply 2-3 qt/A between V4 and V9.

**Cereal Grain:** (including rice, wheat): Apply 2-3 qt/A at end of tillering or at early stem extension.

Cotton: Apply 2-3 qt/A at first flowering and repeat 2 weeks later.

**Pasture:** (grass and legumes): Apply 1½-2 qt/A 3-5 days after each cutting and/or grazing.

**Sugarcane:** Apply 1½-2 qt/A at 20 inch cane height and repeat 30 days later.

For more information, ask your ag retailer about N-BOOST 5 or contact BRANDT at 800 300 6559 or info@brandt.co

Brandt Consolidated, Inc. www.brandt.co

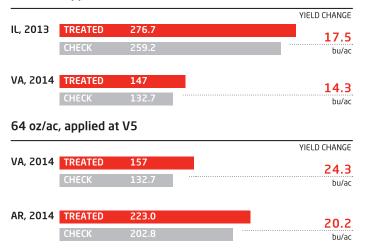




# **N-BOOST Field Trials**

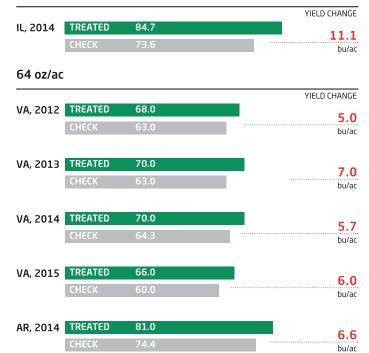
#### **N-BOOST on Corn**

32 oz/ac, applied at V5



#### **N-BOOST on Soybeans**

32 oz/ac, applied at R2



#### **N-BOOST on Alfalfa**

64 oz/ac, applied at 4-5" of regrowth

			YIELD CHANGE
AZ, 2014	TREATED	2913.7	195.2
	CHECK	2728.4	LOJ.J Ibs/ac

#### **N-BOOST on Cotton**

32 oz/ac, applied at Early Bloom

YIELD CHANGE			
153.0	336.0	REATED	VA, 2014
lbs/ac	183.0	HECK	
	ly Bloom	applied at	64 oz/ac
YIELD CHANGE			
344.0	335.0	REATED	VA, 2012
	)1	НЕСК	
lbs/ac	/1		
lbs/ac			VA 2012
lbs/ac	<b>146.0</b> 728.0	REATED	VA, 2013

#### **N-BOOST on Bermuda Grass Hay**

48 oz/ac

			YIELD CHANGE
TN, 2013	TREATED	2.0	1.0
	CHECK	1.0	1.0 tops/ac

#### **N-BOOST on Broccoli**

64 oz/ac

YIELD CHANGE			
<b>6</b> 0	851	TREATED	CA, 2014
boxes/ac	782	CHECK	

#### **N-BOOST on Lettuce**

First application: 32 oz/ac at pre-head stage Second application: 64 oz/ac at early head stage

			YIELD CHANGE
CA, 2014	TREATED	31847.8	2258.6
	CHECK	29589.2	L 2 2 3 8.0 Ibs/ac

#### **N-BOOST on Rice**

64 oz/ac, applied at V5 tillering

			YIELD CHANGE
AR, 2013	TREATED	183.7	15.0
	CHECK	168.7	bu/ac

#### **N-BOOST on Sugar Cane**

First application: 64 oz/ac at 24" cane height Second application: 64 oz/ac 25 days later

			YIELD CHANGE
FL, 2013	TREATED	36.8	1.0
	СНЕСК	31.9	tons/ac