



N-Boost®

Bio-Yield Enhancer

N-Boost is a natural microbial based enhancer that boosts nutrient utilization from both liquid and solid fertilizer programs. It enhances chloroplast activity which allows the crop to efficiently use available resources to improve yield. N-Boost helps boost nutrient uptake, which in turn enhances new plant growth and yield.

Key Advantages

- Increased plant growth and taller, fuller, more vigorous crop
- Increased yield, weight, length and ear-fill
- Compatible with most pesticides and herbicides
- Earlier and increased silking



BRANDT agronomist Brad Walker in a wheat trial at the USDA-ARS research farm in Akron CO

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NON-PLANT FOOD INGREDIENTS

Yeast extract	0.004%
Bacterial fermentation extracts	0.024%
Adenine compounds	>3x10 ⁻⁵ %

Application and Use

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

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

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

Cucurbit Vegetables: (including melons, squash, cucumbers): Apply 1-2 qt/ac 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/ac at first flowering and repeat 4 weeks later.

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

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

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

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

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

To learn more or to find a BRANDT distributor near you, download the BRANDT Product Finder App today.



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BRANDT Nutritional Products used to Increase Wheat Yields and Protein

Application Timing	Product	Application Rate	Application Purpose
Tiller (Feekes 4-6)	N-Boost	1-2 qt/ac	Improves nitrogen utilization and uptake. Increase protein.
Top-Dress Nitrogen	BRANDT Smart Sulfur Plus	1 qt/ac	Delivers sulfur, zinc, manganese, boron and molybdenum to plants; which aids in cell division and structural development, nutrient uptake and nitrogen/protein assimilation.
Herbicide Application	BRANDT Smart Cu	1-2 pt/ac	Studies have show wheat responses very well to copper. Contributes to the structural strength of cells.
Flag Leaf-Boot (Feekes 9-10)	N-Boost	1-2 qt/ac	Improves nitrogen utilization and uptake. Increase protein
Fungicide Application	BRANDT EXP Amino Acid	1 qt/ac	Increase protein.
	BRANDT Smart Sulfur Plus	1 qt/ac	Increase protein.

Summary of N-Boost Wheat Trials								
Application Timing	N-Boost qt/ac	State	Yield Grower Standard	Yield N-Boost	% Yield Increase	bu/ac Increase	% Protein	% Protein Increase
Tiller-Spring Herbicide	2	CO	86	92.4	7.4	6.4	15.25	-0.5
Tiller-Spring Herbicide	1	KS	29.4	37.5	27.6	8.1	-	
Tiller-Spring Herbicide	2	KS	29.4	32.2	9.5	2.8	-	
Flag leaf-Fungicide	1	WA	54.0	57.0	5.6	3.0	-	
Flag leaf-Fungicide	2	WA	86.0	92.0	7.0	6	10.6	0.1
Tiller	2	WA	122.0	131.0	7.4	9	10	0.3
Flag leaf	2	WA	134.0	153.0	14.2	19	10.1	0.4
Tiller-Spring Herbicide	2	WA	65	75	15.4	10	11	-0.3
Tiller-Spring Top Dress	2	WA	60	67	11.7	7	10.3	-0.2
Tiller-Spring Herbicide	2	CO	35.3	31.5	-10.8	-3.8	17	1.23
Average					9.5	6.8	12.0	0.1