



Biocatalyst
Technology

ACCOMPLISH MAX™

More Nutrients. Less Stress.



Accomplish MAX™ is a next-generation biocatalyst that improves nutrient availability and increases crop tolerance to environmental stresses like cold temperatures, drought and salinity from applied fertilizers.

Help your crop live up to its full potential by combining the power of **Accomplish MAX** with your existing fertility program for greater nutrient mineralization and enhanced stress tolerance.

Accomplish MAX is exclusively available from Nutrien Ag Solutions™.

Helping Crops Perform Their Best

Accomplish MAX contains trusted and proven Accomplish® biochemistry to enhance nutrient mineralization combined with powerful kelp-based technology for abiotic stress benefits. By combining these two technologies into one formulation, **Accomplish MAX** can help crops perform their best, even under challenging conditions.

Accomplish MAX can be used to enhance a variety of crop fertility programs, including corn, soybeans and cotton.

Key Features:

- Designed for at-planting applications (liquid in-furrow starters, 2x2 placement of liquid fertilizers, concentrated band applications, liquid strip till) and UAN sidedress/Y-drop applications
- Compatible with most fertilizers, insecticides, fungicides and herbicides
- Highly soluble

Key Benefits:

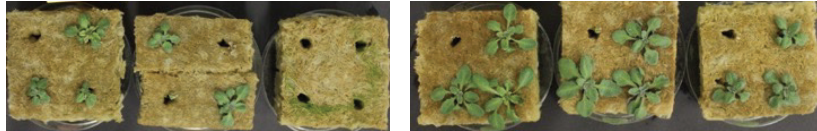
- Improves nutrient availability and uptake by mineralizing nutrients in the soil
- Creates a more fibrous and extensive root system to improve crop access to nutrients
- May increase crop tolerance to abiotic stressors like cold temperatures, drought and fertilizer-induced salinity stress
- Enhances overall plant performance to help growers reach their yield potential




Salt Stress Mitigation

In these greenhouse trials, Accomplish MAX treatment enhanced root and shoot growth in plants grown under salt stress.

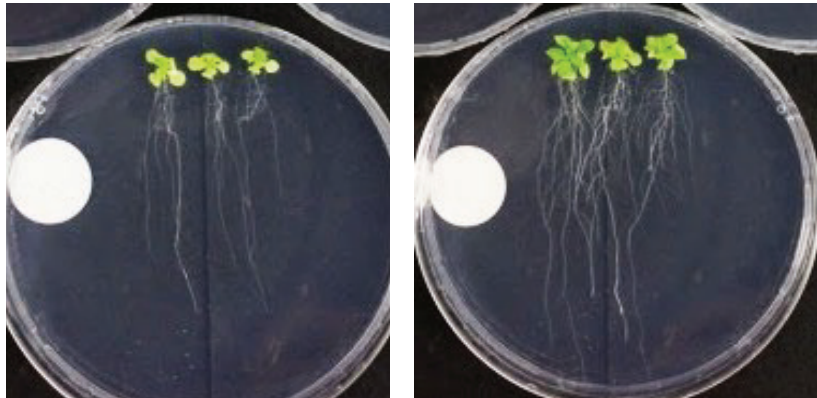
120mM NaCl for 20 days



Water control

Treated with 

120mM NaCl for 10 days

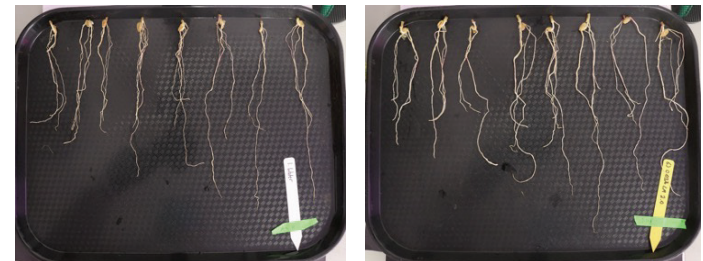
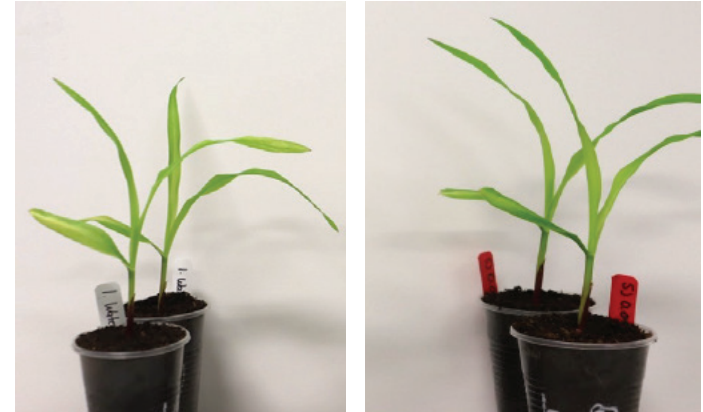


Water control

Treated with 

Cold Stress Mitigation

In these greenhouse trials, Accomplish MAX treatment enhanced root and shoot growth in plants grown under cold stress.



Water control

Treated with 

Plants kept at 42.8° F (6°C) for 2 weeks.

Improvement in Early Season Root and Shoot Growth

Corn - Princeville, IL (2021)

Accomplish MAX applied at 1 qt/acre in furrow



Untreated

Treated with



Untreated

Treated with



Planted April 29; Pics taken May 25

Corn - Cozad, NE (2021)

Accomplish MAX applied at 1 qt/acre in furrow



Untreated

Treated with



Untreated

Treated with

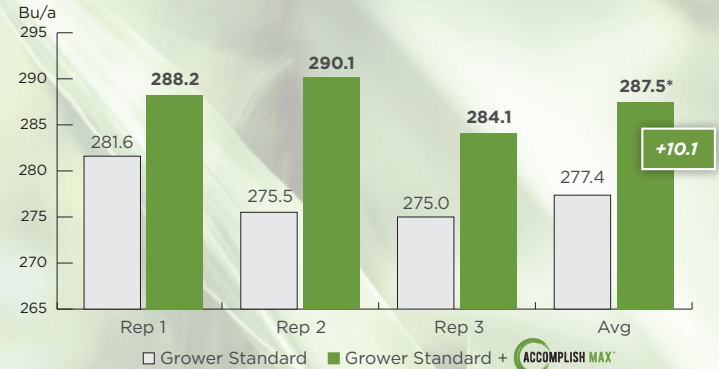


Planted April 29; Pics taken May 25

Field Trials in Corn

Corn - Arion, IA (2021)

Accomplish MAX applied at 1 qt/acre in furrow with starter

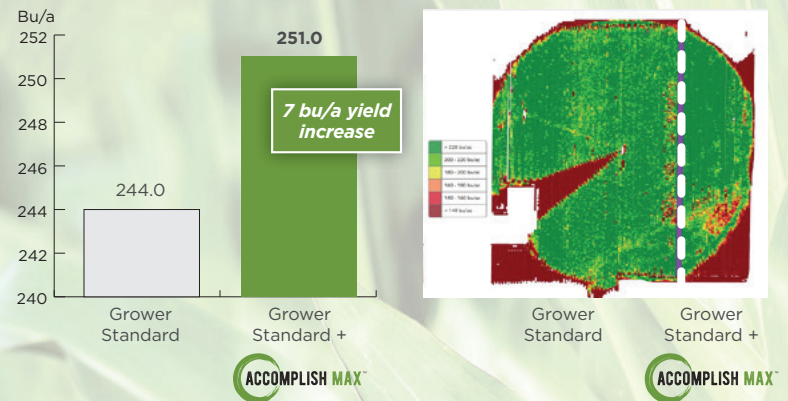


*=Significant difference

Average 282.43, SD=6.324; LSD(0.10)=5.929 CV=2.24; Replication count=3.

Corn - Sauk Centre, MN (2021)

Accomplish MAX applied at 1 qt/acre with starter SxS

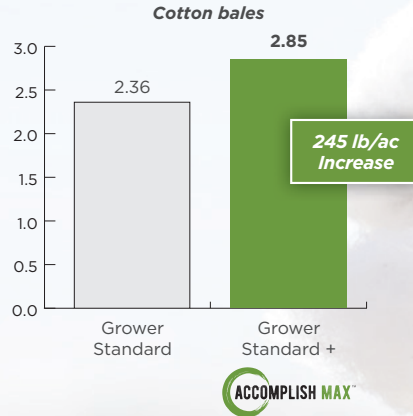


Note: Irrigated corn

Field Trial in Cotton

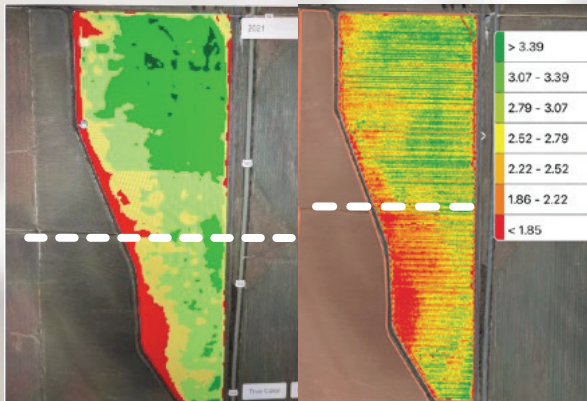
Cotton - Southeast Arkansas (2021)

Accomplish MAX applied at 1 qt/acre in furrow at planting



Grower Standard +
ACCOMPLISH MAX

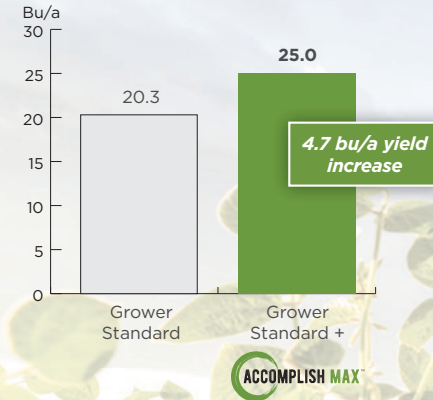
Grower Standard



Field Trial in Soybeans

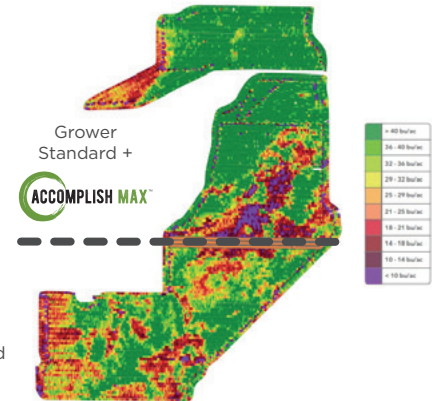
Soybeans - Sauk Centre, MN (2021)

Accomplish MAX applied at 1 qt/acre in furrow



Grower Standard +
ACCOMPLISH MAX

Grower Standard



Note: Dryland soybeans. Field had minimal rainfall.



At a Glance

Applications	<ul style="list-style-type: none"> Apply with liquid starter and sidedress applications
Key Components	<ul style="list-style-type: none"> Concentrated microbial-derived biochemistry Highly soluble <i>Ascophyllum nodosum</i> (kelp) extract
Key Features & Benefits	<ul style="list-style-type: none"> Mineralizes nutrient sources to increase nutrient availability Enhances root growth to improve nutrient and water uptake May improve plant tolerance to abiotic stresses such as salt, heat and cold. Highly soluble formulation Compatible with most fertilizers, insecticides, fungicides and herbicides

Uses and Rates

Application	Recommended Rate	Notes
Starter	1-2 quarts/acre	Use with in-furrow liquid starters, 2x2 placement of liquid fertilizers, concentrated band applications and liquid strip till.
Sidedress	1-2 quarts/acre	Use with UAN sidedress/ Y-drop applications.
Manure (Broadcast)	2-4 quarts per 3,000 gallons of manure (target rate is 2-4 quarts/acre)	Can be injected into tank during fill process or injected directly into line in systems where an umbilical cord is in use.
Irrigation Injection	Set injection system to distribute 2-4 quarts of concentrate per acre	Mix with water (1:1) prior to combining with concentrated liquid fertilizers.

NOTE: Please see Accomplish MAX label for additional details.



**Contact Your
Nutrien Ag Solutions Retailer**

Loveland Products, Inc.

3005 Rocky Mountain Ave.
Loveland, CO 80538
(970) 685-3300
www.lovelandproducts.com



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