

TerraMax
Maximizing Earth's Potential

MicroAZ-ST for Wheat Seed Treatment



MICROAZ-ST DRY SEED TREATMENT

2 x 10⁵ Azospirillum per ml

Application Rate:
4 ounces per 100 pounds
118 ml per 45.4 kg

MICROAZ-ST LIQUID SEED TREATMENT

2 x 10⁵ Azospirillum per ml

Application Rate:
4 fluid ounces per 100 pounds
118 ml per 45.4 kg

TerraMax now makes our base *Azospirillum* product available for small grains. Data shows an increase in wheat yield and protein enhancement/improvement of grain quality.

MicroAZ is a microbiological root stimulant developed to increase root mass and improve stand development.

MicroAZ is a proprietary formulation of the bacteria *Azospirillum*. This bacteria has been studied since the early 1970's and is known to attach itself to plant root hairs and fix nitrogen from the atmosphere.

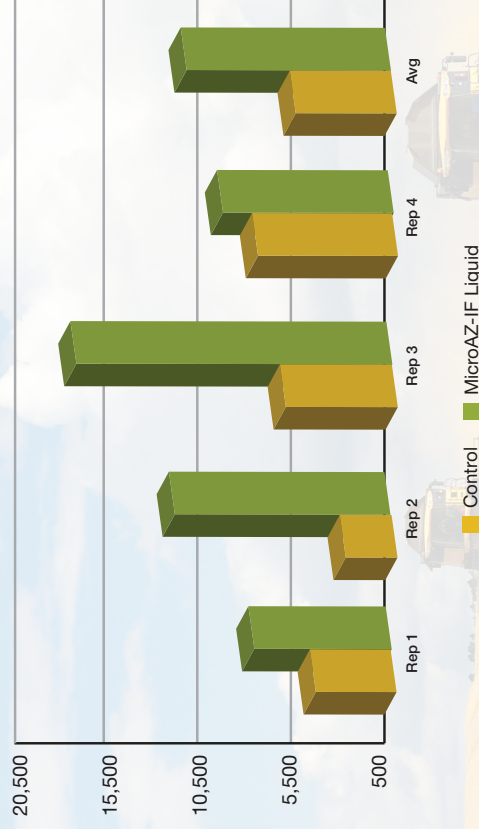
Call us today for more information,
or to find your closest dealer.

MicroAZ-ST Dry

2007 Hard Red Spring Wheat Field Trial by Agrology Morristown, MN

Worthy of Note: 1) Kjeldahl analysis is a method used to determine total nitrogen in the seed
2) Nitrogen is a key component of proteins

Total Nitrogen in Seed (Kjeldahl analysis) mg/kg



2007 Agrology - MicroAZ-ST Dry Results

- Provides evidence of nitrogen fixation benefits of MicroAZ in wheat.
- MicroAZ-ST Dry ≥ UTC in total seed N mg/kg, 4 out of 4 reps.
- MicroAZ-ST Dry ≥ UTC in total seed N mg/kg, **average of 5.8 grams per kg. (0.58%)**



TerraMax, Inc.
3650 Dodd Road
Eagan, MN 55123
952.657.5592 | www.terramaxag.com

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May 2021

2004-07 Wheat Field Trials

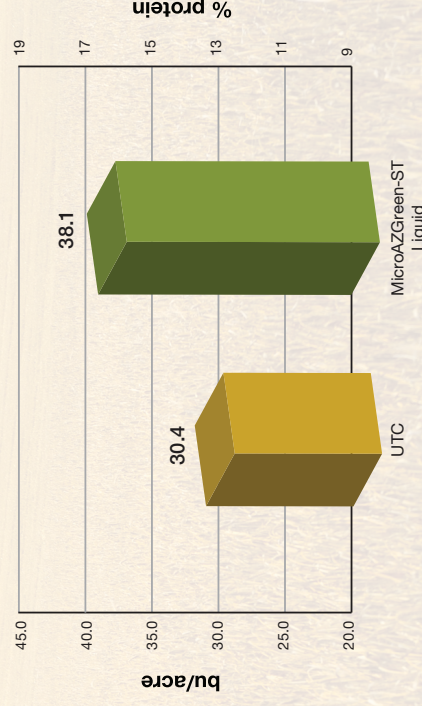
MicroAZ-ST Dry Summary

MicroAZ-ST Dry for Wheat					
Year	Type	State	# of Locations	Yield	% Protein
2007	Spring	Minnesota	1	No Data	+0.58**
2003-4	Winter	South Dakota	1	+2.24	+1.1
2004	Spring	South Dakota	2	+5.11	+1.1
2005	Spring	South Dakota	4	+4.3	+1.03

MicroAZ-ST Liquid

2008 Organic Hard Red Spring Wheat Field Trial Wyndmere, ND

2008 North Dakota Organic Hard Red Spring Wheat Trial -
Yield and % protein (approx. 1.2 acre/treatment)



2008 Organic Wheat Trial Results

- MicroAZGreen-ST Liquid ≥ UTC in yield, **an increase in 7.7bu/acre.**
- MicroAZGreen-ST Liquid ≥ UTC in % protein, **an increase in 1.2%.**