

Research Examples





Root Comparisons

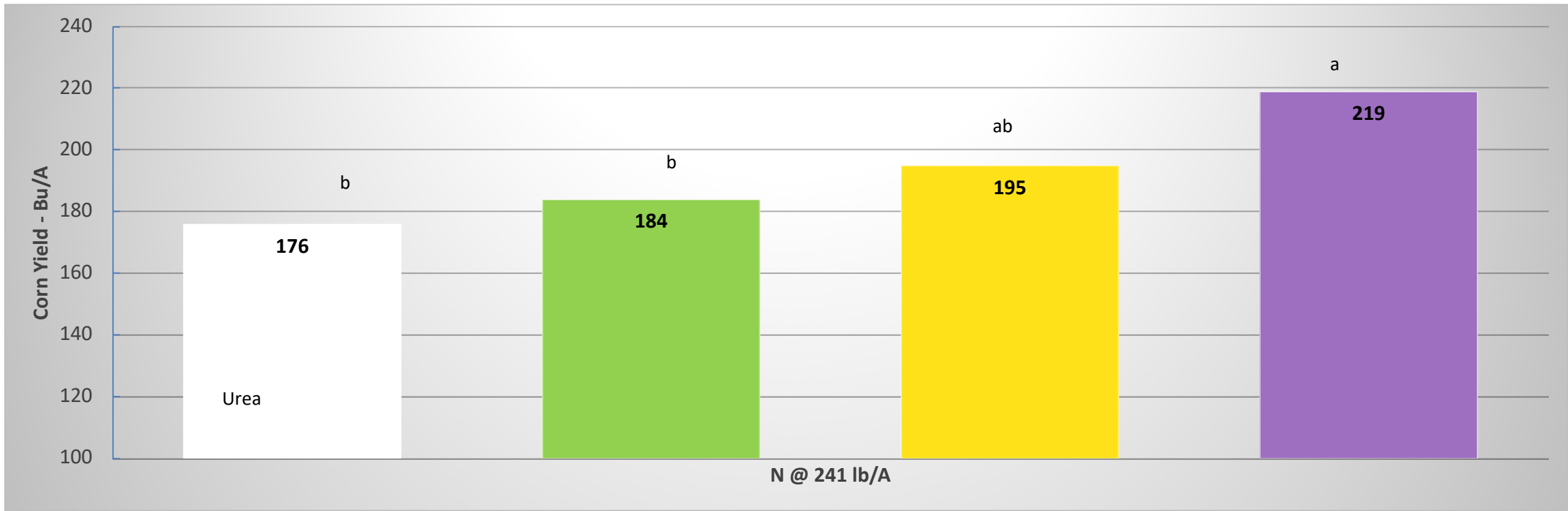
- InnoSolve 45N Technologies visually show increased root length and mass when compared to not including them in the Nitrogen application
- Corn, Soybeans, Wheat Comparisons Pictured

Field Comparison

- InnoSolve 45N Technology visually show healthier stronger greener plant when compared to not including them in the Nitrogen Application.
- Corn Pictured With 241lb N per acre without, and with, InnoSolve 45N Technologies



Source: PhD. Paulo Regis, UFRGS Experimental Station— Report on Nitrogen corn study with nitrogen additives for leaching and volatilization inhibition. RS, Brazil

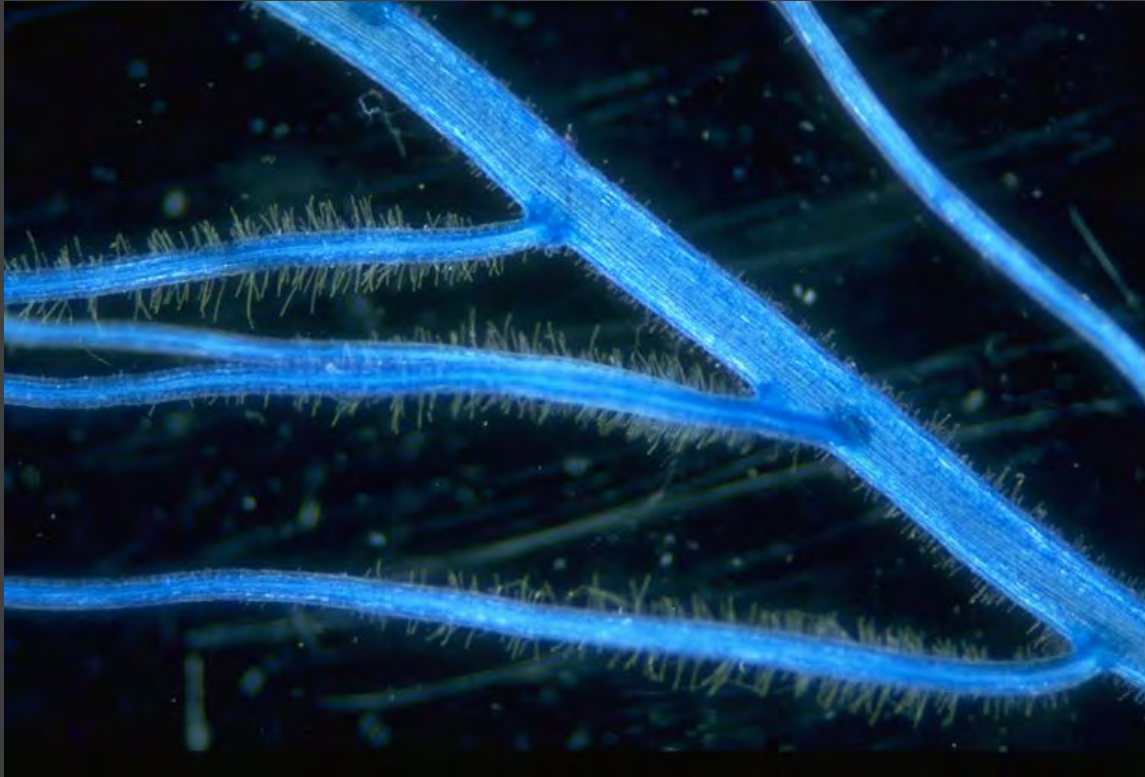


InnoSolve 45N Tech A

InnoSolve 45N Tech B

InnoSolve 45N Tech A+B

Corn Visual Translated to Yield Advantage

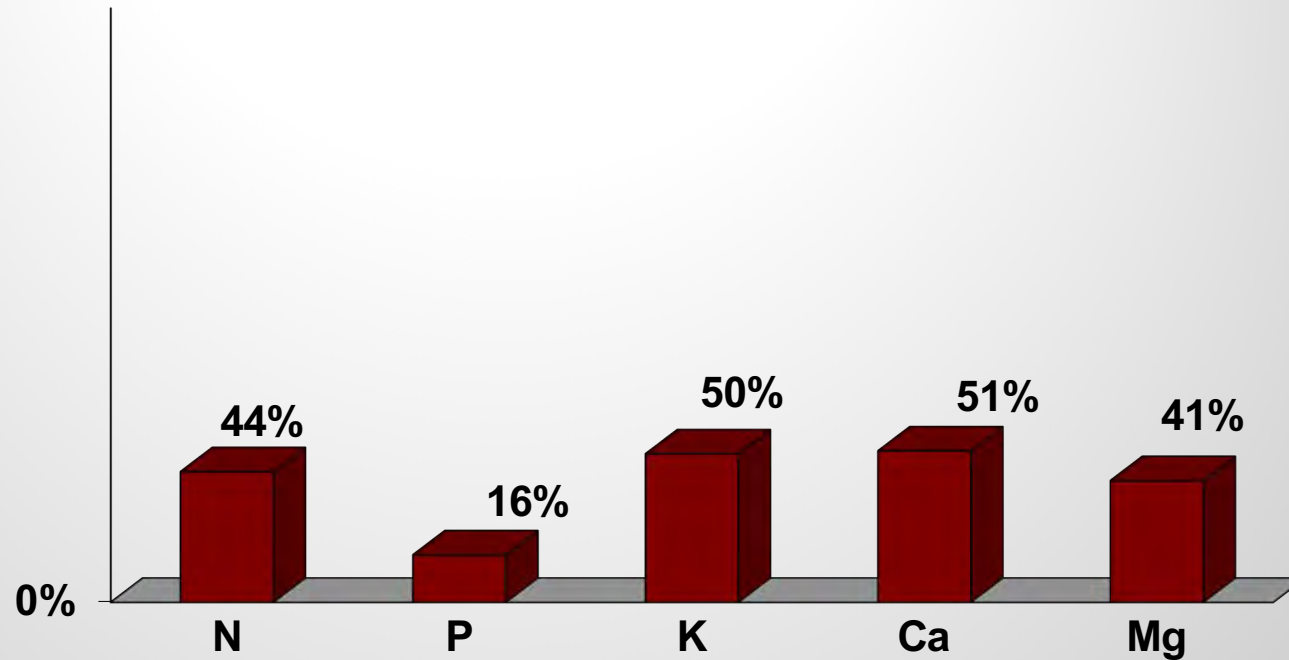


Root Hair Increased With InnoSolve 45N Technology

Normal Nutrient Levels

InnoSolve 45N Technology
Normal N Application

Norm



Root Hair Visual Translated to Increased
Nutrient Uptake-Wheat

Prof. Fred Below: University. of Illinois

InnoSolve
45N Tech
Bermuda
-grass

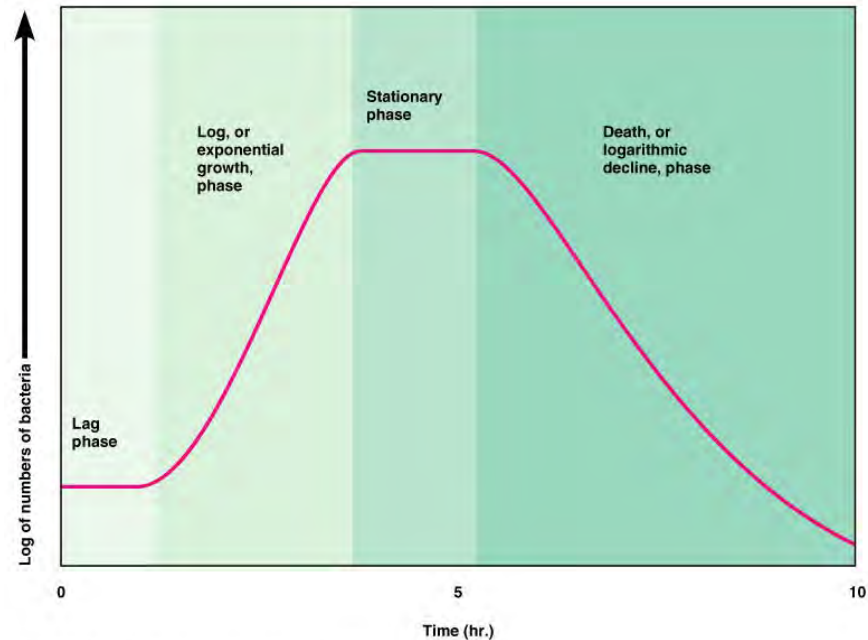
Texas A&M University USA

Location	Nutrient	Without IS45N	With IS45N	Percent Increase
Brazos	N	49	65	30%
	K	72	97	36%
Overton	N	130	169	30%
	P	17	21	21%
	K	109	133	22%
	Ca	40	50	25%
	Mg	16	20	26%

InnoSolve
45N Tech
Leaf Tissue
Analysis on
FESCUE

Ag Source Laboratories

Measure	Nutrient	Without IS45N	With IS45N	Percent Increase
%	S	.25	.32	
ppm	Fe	138ppm	158ppm	
%	N	4.74	5.21	
%	P	.14	.14	
%	K	1.54	1.96	
ppm	Ca	.49	1.33	
ppm	Mg	.24	.57	



Microbial Growth

- Using *InnoSolve 45N Technology* Carbon/Sugar source at low concentrations is a great food for many types of microorganisms.
- The Carbon source on dilution becomes a potent agent that would *enhance* microbial growth.

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