Starter Additive Study - 6-24-6 Base CORN

PURPOSE:
To evaluate various starter additive products, applied in-furrow and their effects on yield, moisture and profitability

In-Furrow Treatment	Final Stand Count	Percent Moisture	Test Weight	BU. / A.	BU. / A. Difference	ROI
Control: Starter	33,667	20.5	53.8	199.4	--	--
Starter + 1 pt. NanoZyme2.0	33,333	20.8	52.8	205.9	+ 6.5	+ $21.34
Starter + 12.8 oz. MicroAZ-IF Liquid™	32,333	20.9	53.8	205.7	+ 6.3	+ $18.32
Starter + 4 oz. Restore™	34,333	20.1	54.6	204.3	+ 4.9	+ $14.91
Starter + 1 pt. iNvigorate®	33,333	20.9	53.9	205.1	+ 5.7	+ $13.50
Starter + 8 oz. Humika	33,667	20.2	54.7	202.8	+ 3.4	+ $9.49
Starter + 8 oz. eXceed™ Nano Brown Sugar	34,333	21.2	54.1	201.9	+ 2.5	+ $7.78
Starter + 1 pt. Soil Revitalizer	34,333	20.1	54	202.2	+2.8	+ $6.37
Starter + 2 qt. RhizoSpear™	33,667	20.2	54.2	204.4	+ 5	+ $6.30

Corn $3.86/Bu. - RhizoSpear™ $26.00/gal. - eXceed™ Nano Brown Sugar $30.00/gal. - MicroAZ-IF Liquid™ $60.00/gal. - NanoZyme 2.0 $30.00/gal.

iNvigorate® $ 68.00/gal. - Soil Revitalizer $35.50/gal. - Restore™ $112.00/gal. - Humika $58.00/gal. (individual results may vary.)

Location	Fairfax
Planting Date	5/10/2017
Harvest Date	10/29/2017
Hybrid	4919SX
Population	34,500
Row Width	30
Previous Crop	Soybean
Tillage	Conventional
Herbicides	16 oz. Diflexx, 28 oz. Glyphosate

Soil Type	Silty Clay Loam			
Soil Test Values	pH	%O.M.	CEC	
	6.3	5.4	17.3	
% Base Saturation	%Ca	%Mg	%K	%H
	68.1	25.8	2.1	4
Parts Per Million	P	K	S	Zn
	28	140.7	1.6	1.3

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