



TRIAL DETAILS

Research Facility- North Carolina State University

Collaborator- Dr. Ron Heiniger

Locations: Plymouth, NC

Crop- Corn, Replicated 4 times

Fertilizer- 17-17-0 in furrow

Objective- Evaluate NutriCharge with in furrow starter fertilizers.

YIELD RESULTS

TREATMENT	YIELD BPA	COST/ACRE	RETURN/ACRE
6-24-6 + 2% Zn IF @ 5 GPA			
CONTROL	137.31		
NUTRICHARGE	157.40	\$4.50	+20 BPA
17-17-0 IF @ 3.5 GPA			
CONTROL	132.70		
NUTRICHARGE	157.92	\$3.15	+25.2 BPA

July 3 Soil Test Results

Treatment	P (lbs/a)	K (lbs/a)	Mg (lbs/a)	Ca (lbs/a)
6-24-6 @ 3GPA + Zn + NC	194.5	568	344.75	2018.25
6-24-6 @ 3GPA + Zn LO	131.25	479.5	339.5	1944
Increase	48.2%	18.5%	1.5%	3.8%
6-24-6 @ 5GPA + Zn + NC	177.5	495.5	376.5	2080.5
6-24-6 @ 5GPA + Zn	139.75	451.75	319.75	1876.75
Increase	27.0%	9.7%	17.7%	10.9%