



TRIAL DETAILS

Research Facility- North Carolina State University

Collaborator- Dr. Ron Heiniger

Locations: Elizabeth City, North Carolina

Crop- Corn, Replicated 4 times

Fertilizer- 10-27-0 2x2

Objective- Evaluate NutriCharge treated 10-27-0 at planting.

YIELD RESULTS			
TREATMENT	YIELD BPA	COST/ACRE	RETURN/ACRE
CHECK NO STARTER	164		
10-27-0 @ 10 GPA	177.4		
10-27-0 @ 10 GPA + NC	188.6		+11.2 BPA \$67.2
10-27-0 @ 20 GPA	179.5		
10-27-0 @ 20 GPA + NC	201.8		+22.3 BPA \$133.8

****CORN PRICE \$6 PER BUSHEL**

TISSUE TEST RESULTS											
Treatment	N	P	K	Mg	Ca	S	B	Zn	Mn	Fe	Cu
Check - no starter	4.50	0.28	2.91	0.225	0.41	0.29	5.75	22.75	41.75	124.8	13
10-27-0 @ 10 gal/acre	4.43	0.325	2.83	0.263	0.45	0.28	6.5	23.75	48	120.8	13.5
10-27-0 @ 10 gal/acre + NCharge	4.32	0.333	3.00	0.233	0.39	0.28	6.5	41.25	46.25	120.8	13.5
10-27-0 @ 20 gal/acre	4.42	0.315	2.78	0.23	0.42	0.28	5.75	21.25	42.25	120.3	13.5
10-27-0 @ 20 gal/acre + NCharge	4.64	0.353	2.49	0.23	0.45	0.27	6.25	25.75	47.5	126.0	13.5