



TRIAL DETAILS

Research Facility- North Carolina State University

Collaborator- Dr Ron Heiniger

Locations: Plymouth, NC

Crop- Corn, Replicated 4 times

Fertilizer- Urea, Potash

Objective- To show Ionize treated fertilizer provides an economic benefit to farmers.

YIELD RESULTS			
TREATMENT	YIELD BPA	COST/ACRE	RETURN/ACRE
UREA 160LBS+ K + IONIZE	182.54	\$3.84	+14.33 BPA \$82.14
UREA 160 + IONIZE	173.86	\$3.84	+12.1 BPA \$68.76
UREA 160 +K	168.21		
UREA 160	161.76		
UREA 120 + IONIZE**	158.46	\$2.88	

*CORN PRICE \$6.00 PER BUSHEL

**Urea120+Ionize reduced fertilizer rate by 25%