



TRIAL DETAILS

Year- 2018

Research Facility- Rostov University

Crops- Potato

Replications: Three

Fertilizer- 10-26-26

Objective: To study the impact of NutriCharge® on fertilizer efficiency. The study was conducted with no other fertilizer inputs to isolate the effect of NutriCharge® on added N, P, and K in the fertilizer 10-26-26. The hypothesis was that NutriCharge® impact on Phosphorus availability maintains yields with lower effective rates.

YIELD RESULTS		
TREATMENT	TON/ACRE	INCREASE
10-26-26 340 LB/ACRE	10	
10-26-26 340 LB/ACRE + NC	13.9	+3.9
10-26-26 250 LB/ACRE	9.24	
10-26-26 250 LB/ACRE + NC	12.96	+3.72
10-26-26 170 LB/ACRE	8.61	
10-26-26 170 LB/ACRE + NC	9.84	+1.23

RESULTS			
TREATMENT	TUBER PER PLANT	TUBER WEIGHT	TUBER MASS
10-26-26 340 LB/ACRE	6	2.92	17.6
10-26-26 340 LB/ACRE + NC	7.2	3.42	24.5
10-26-26 250 LB/ACRE	5.1	3.17	16.2
10-26-26 250 LB/ACRE + NC	6.8	3.35	22.28
10-26-26 170 LB/ACRE	5.2	2.92	15.16
10-26-26 170 LB/ACRE + NC	5.6	3.10	17.31