

SOIL HEALTH

REDOX PROGRAM IMPROVES PHOSPHORUS EFFICIENCY & YIELD POTATO

Evaluation of inputs that can improve phosphorus efficiency is important. This study evaluates the relative efficiency of phosphorus inputs.

RESEARCH OBJECTIVE

The purpose of the trial was to evaluate complexed phosphorus inputs vs. grower standard phosphorus inputs.

KEY OUTCOMES

The use of Redox products reduced P by 93.75% while maintaining yield and quality.



THE TRIAL



WHO:

Miller Research — Dr. Jeff Miller and Trent Taysom

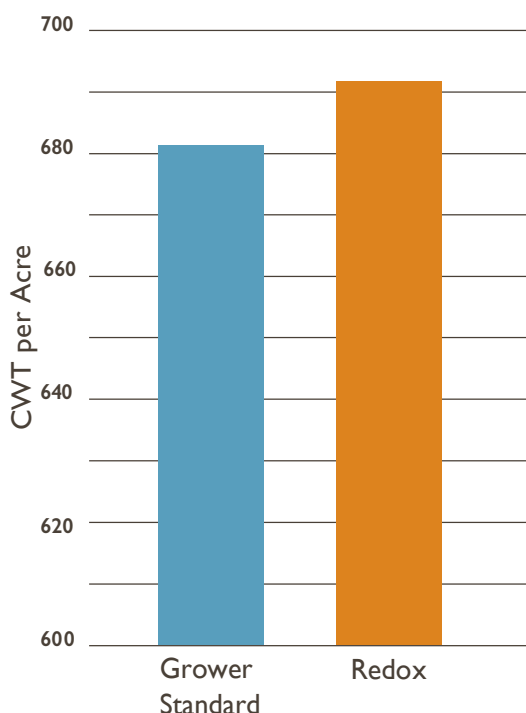


WHAT:

A grower standard program was compared to a Redox program.

GROWER STANDARD	REDOX
25 gal. 10-34-0 (42.6 lbs. P, 29.1 lbs. N)	13.6 lbs. of Rootex (2.7 lbs. P)
0.5 gal. of 10% boron	2 lbs. of Triplex Micro
0.5 gal. of 10% manganese	6.8 lbs of H-85
1 gal. of 10% zinc	8 gal. 32-0-0 (27.2 lbs N)
1 gal. of humic acid	--

YIELD – CWT PER ACRE



EVALUATION PARAMETERS:

- Total weight
- Quality



WHERE:

Minidoka County, Idaho



WHEN:

Spring — at planting