

TerraNu[®] Technology

Soil Health in Every Granule™

2018 UW Study and On-Farm Calcium Potato Trials

SUMMARY: Results from a 2018 study at the University of Wisconsin-Hancock Agricultural Research Station and on-farm trials show adding TerraNu Calcium™ to potato programs resulted in higher total yields and better marketable yield, improved crop performance throughout the season, reduced number of external and internal defects and improved gravity with reduced sugar content for better frying and storability.

A 2018 UW research study compared TerraNu Calcium to other calcium sources for potato nutrition. The study was conducted on chip potatoes, Atlantic variety, by Dr. Matt Ruark and his team at the University of Wisconsin-Hancock Agricultural Research Station.

Potato quality assessments were conducted by UW and Techmark, Inc.

Study conclusions:

- TerraNu Calcium improved gravity and reduced the amounts of sucrose and glucose, when compared to gypsum, pelletized gypsum and control.
- Applying TerraNu Calcium reduced total defects (internal and external) between 2-21% when compared to other treatments.



Hancock, WI | 2018
Left: TerraNu Calcium applied **Right:** Check, no TerraNu

2018 On-Farm Potato Trials in Wisconsin, Michigan and Minnesota Showed:



Arena, WI | 2018
Left: TerraNu Calcium applied
Right: Check, no TerraNu Calcium applied

- Increased potato yields between 20-80 CWT/ac. with the addition of TerraNu Calcium as the calcium source vs conventional programs with other sources of calcium.
- Potato sizing improved between 3-10% with TerraNu Calcium, reducing the number of undesirable sized potatoes and increasing marketable yield.
- Field crop, tuber uniformity, individual size and total tuber counts also increased as a result of adding TerraNu Calcium.

2018 Royalton, MN Potato Trial			
	Average Weight	Average Count	Average Yield (CWT/Acre)
TerraNu Calcium	18.33	61.66	532
Check	15.80	59.30	458.8

TELL ME MORE

Contact Edwin Suarez, Midwestern BioAg Technical Agronomist
 edwin.suarez@midwesternbioag.com | 765.237.2764