

# DETONATION<sup>®</sup>+

## 2024 POTATO TRIALS



### DETONATION UNIVERSAL SOIL HEALTH BIO CATALYST

Detonation Universal promote a more natural sustainable approach that increases the soil microbial populations. This approach enhances nutrients and water availability. This translates into an improved soil health which can increase crop yield while building soil life.

**BOOST SOIL HEALTH**

**IMPROVE NUTRIENT  
AVAILABILITY AND UPTAKE**

**INCREASE CROP YIELD**

#### BENEFITS OF ADDING DETONATION UNIVERSAL TO YOUR CROP MANAGEMENT SPRAY PROGRAM:

- Builds, strengthens, stimulates below and above ground growth
- Increases fertilizer efficiency, plant nutrient uptake and soil availability
- Promotes helpful microbial population growth and improves soil structure

Detonation Universal is formulated to be the perfect addition to you in-row planting additive. Detonation ensures increased crop establishment while maintaining nutrient and soil health benefits throughout the growing season. Detonation integrates seamlessly into your planting program.



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# DETONATION<sup>®</sup>

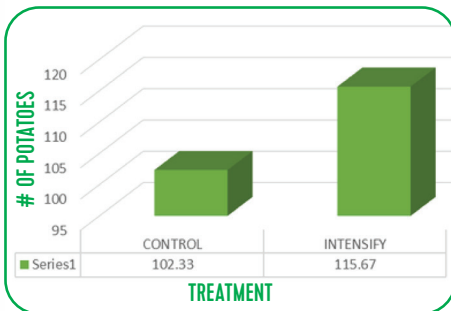
## TRIAL PROTOCOL

For this potato plot trial, INTENSIFY (Detonation) was applied in row at 2 Gallons/Acre at planting. The following trial compares chipping potatoes treated with INTENSIFY vs. a non-treated control, all other growing factors and inputs were constant. Harvest digs composed of 3 repetitions in each treatment area, and the results from each dig were averaged to account for field variability. For the trial, crop yields were compared based on total weight and potato size quality. In addition, a drone using infrared photos was used to record soil health quality.

## TRIAL RESULTS

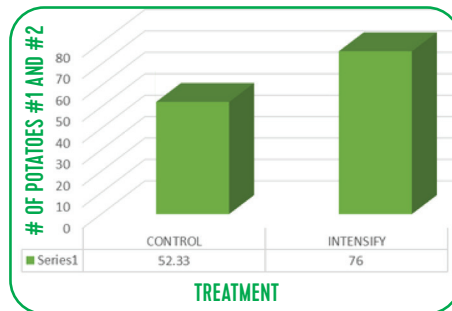
The addition of INTENSIFY Soil Health Bio Catalyst significantly increased the overall number of potatoes harvested, and the size of the potatoes harvested (more #1 & #2). Of the larger potatoes harvested they had increased weight and diameter compared to the control. Increase yields and harvest larger potatoes with INTENSIFY Soil Health Bio Catalyst. In addition, the treated area of plot shows a dark green color – see infrared photo. This is representative of the increased in microbial life depicting an increase in soil health.

### TOTAL AVG POTATOES ALL SIZES



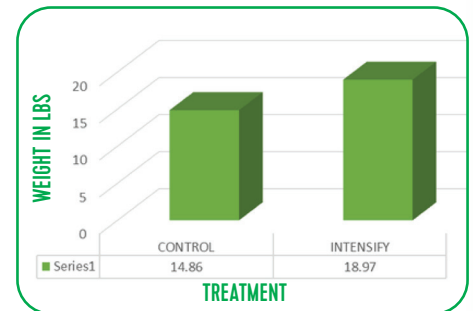
**INTENSIFY yielded a 45% increase in harvest total in number of #1 and #2 sized potatoes**

### TOTAL #1 AND #2 HARVEST AVG



**Total potatoes harvested, averaged against all three repetitions INTENSIFY yielded a 13.04% increase over the Control**

### TOTAL WEIGHT AVG #1 AND #2



**INTENSIFY also outyielded the Control in total weight for #1 and #2 with a 7.8% increase**

### CONTROL



### TREATED



### TRIAL AREA

