



ON ONIONS

Fast rooting. Faster bulbs. Real results.



### BENEFITS TO ONIONS

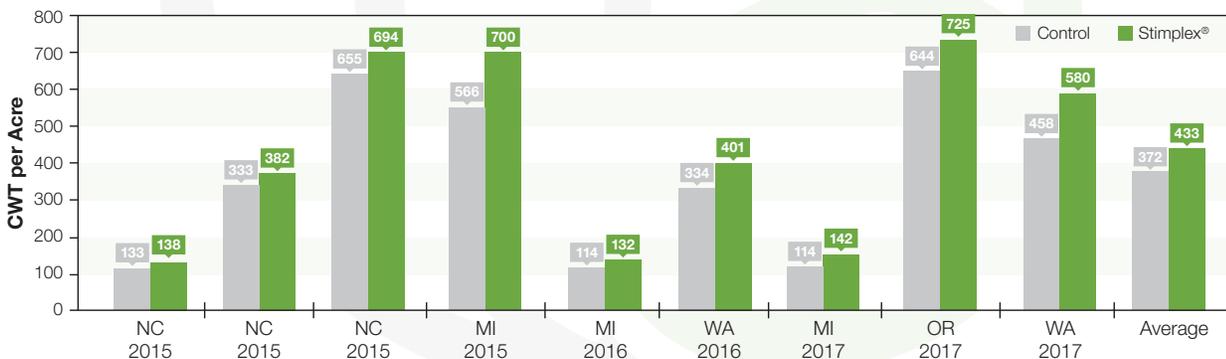
- Enhances rooting
- Increases nutrient levels
- Mitigates environmental stresses
- Improves overall yield

Stimplex® is a unique plant growth regulator that fuels the growth and development of healthy plants. It works at a cellular level by improving the production of naturally occurring plant hormones that stimulate stress resistance, improve root growth and maximize nutrient uptake. This all leads to enhanced yield for a greater return on investment.

### STIMPLEX® IMPROVES YIELD AND QUALITY

Stimplex® gives your crop strong early growth, good nutrition and the ability to tolerate even the most challenging growing conditions for your best yields ever! In addition, it works at a cellular level by improving the nutritional status of your crop, leading to high yields.

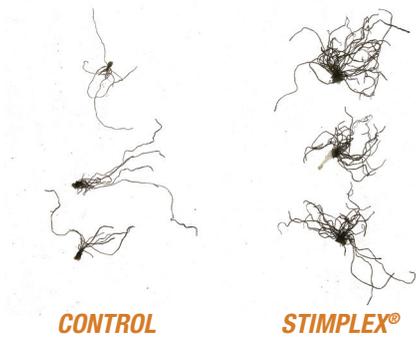
#### ONION YIELD SUMMARY



In nine trials conducted over three years in various locations, Stimplex® consistently increased onion yield. The average yield increase was 60 CWT per acre or 16%.



# HOW DOES STIMPLEX® BENEFIT ONIONS?



## ENHANCES ROOTING

A strong root system sets the stage for best yields.

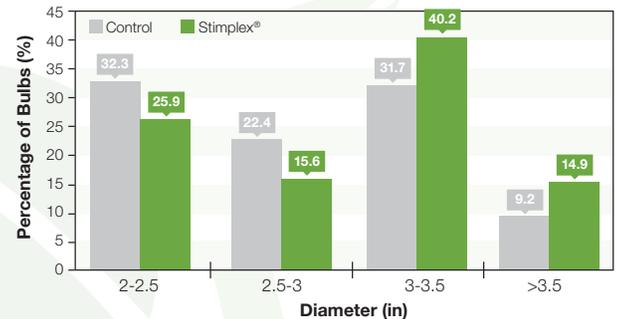
Stimplex® helps start your onions off with a strong root system and, in turn, robust bulbing – even in challenging early-spring growing conditions.

Stimplex® contains unique bioactive compounds such as fucose-rich sulphated polysaccharides and alginates that stimulate root initiation and enhance the formation of small absorptive roots. This leads to improved plant establishment and more efficient uptake of water and nutrients.

## INCREASES NUTRIENT UPTAKE

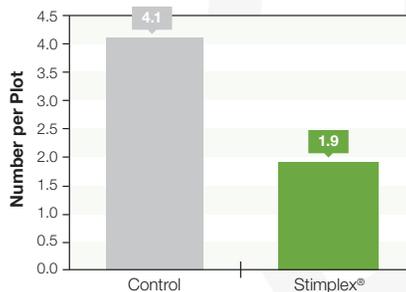
Stimplex® enhances your nutritional program by improving onion crops' nutrient uptake. It contains natural complexing sugars that bind to micronutrients, thereby improving the bioavailability and translocation of nutrients within the plant. When you apply Stimplex® as part of your regular application program, you're putting nutrients on the fast track and ensuring your plants get the most out of every ounce of fertilizer.

## ONION SIZE DISTRIBUTION



More nutrient uptake means larger bulbs. In this trial, plots treated with Stimplex® produced more onions larger than 3 inches in diameter compared to standard grower program (Control).

## REDUCTION OF DOUBLES



Plots treated with Stimplex® produced less doubles, which means that the treated plants tolerated environmental stresses better.

## MITIGATES ENVIRONMENTAL STRESSES

Don't let stress ruin your yield!

With its numerous bioactive compounds such as mannitol, unique polysaccharides and betaines, Stimplex® improves plants' tolerance to a variety of stressful growing conditions including drought, heat, chill and salinity stress.

Mid-season applications of Stimplex® prime your onion crop to defend against numerous stresses, preventing doubles, pest damage and blemishes. Stimplex® helps plants keep their energy focused on reaching maximum yield potential.

## IMPROVES OVERALL YIELD

Optimize your onion yields by driving maximum root growth, nutrition and stress management with Stimplex®. You will see faster bulb establishment, improved nutrition and reduced stress symptoms.

## RATES AND TIMINGS

- Apply Stimplex® at 2-3L/ha in a band at planting followed by applications every 2-3 weeks (soil or foliar).

Stimplex® mixes well with nutrients and other agricultural products.

