



# Surety Trials

## Comparative Trials in Lettuce



Commercial trial



Padua, Italy

2019

Test demonstrating efficacy of Surety stimulating lettuce yields under saline stress conditions

Product Surety® MA

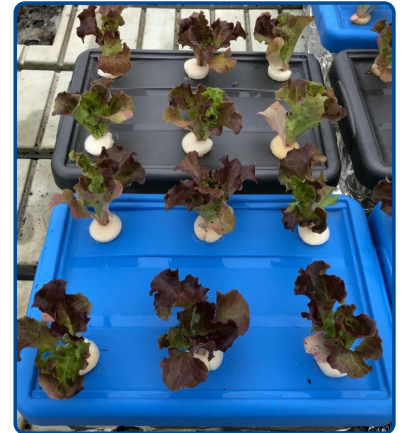
Application Method 1 mL/plant applied once (6 plants per pot). Some pots received 50 mM NaCl (salt), and some received 100 mM NaCl

Control Grower standard practice as well as with salt added

Variety Red Sails Lettuce

- ✓ Increase in average leaf weight
- ✓ Increase in average root mass

Average leaf weight (no salt stress): 11.1 g	Average root mass (no salt stress): 3.9 g
Average leaf weight with Surety® (no salt stress): 13.4 g	Average root mass with Surety® (no salt stress): 4.8 g
Difference: +20.7%	Difference: +21.3%
Average leaf weight (100 mM salt added): 10.3 g	Average root mass (100 mM salt added): 3.3 g
Average leaf weight with Surety® (100 mM salt added): 11.8 g	Average root mass with Surety® (100 mM salt added): 3.7 g
Difference: +14.6%	Difference: +12%



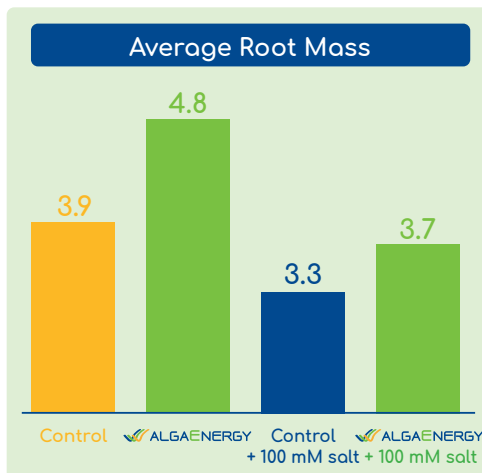
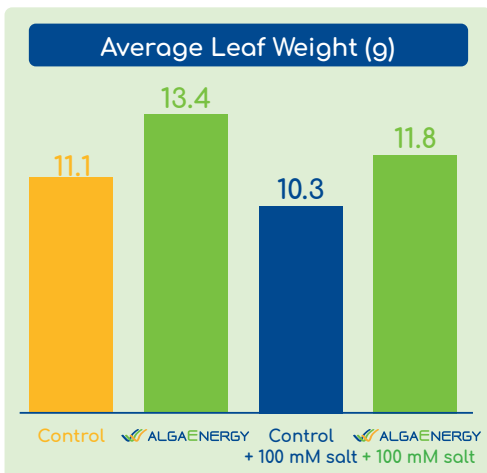
Two days after transplant



Left: Grower standard. Right:



Left: Grower standard. Right:



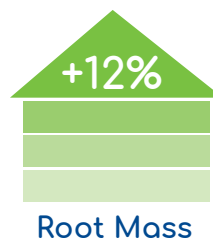
Leaf Weight



Leaf Weight (with salt stress)



Root Mass



Root Mass (with salt stress)