



2021/2022 Honeycrisp Apple Trial Solu-Cal Plus Western New York



The following trial was conducted in 2021 and 2022 at Reality Research located in Western New York. This trial tested the impacts of Solu-Cal Plus and Intensical on Honeycrisp apples. The trials tested Solu-Cal Plus at 550lbs/Ac (2021) and 200lbs/Ac (2022), 200lbs/Ac + 3 gal/Ac Intensical (2021) and Intensical 1.5 gal/Ac (2022).

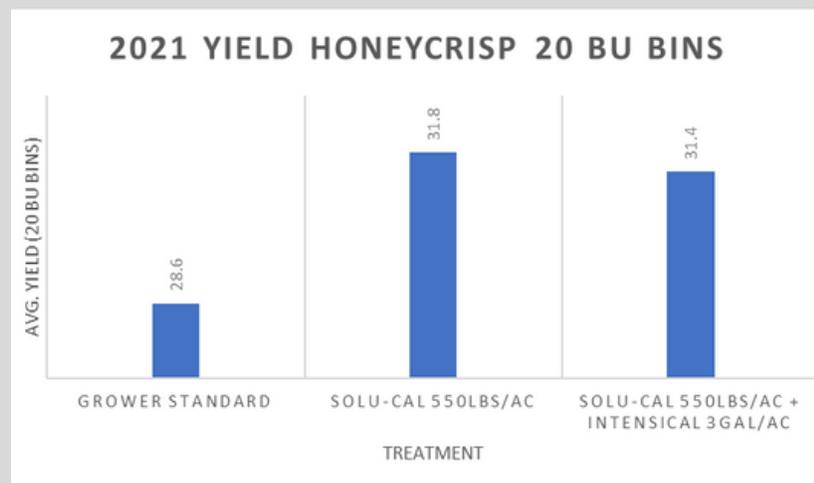
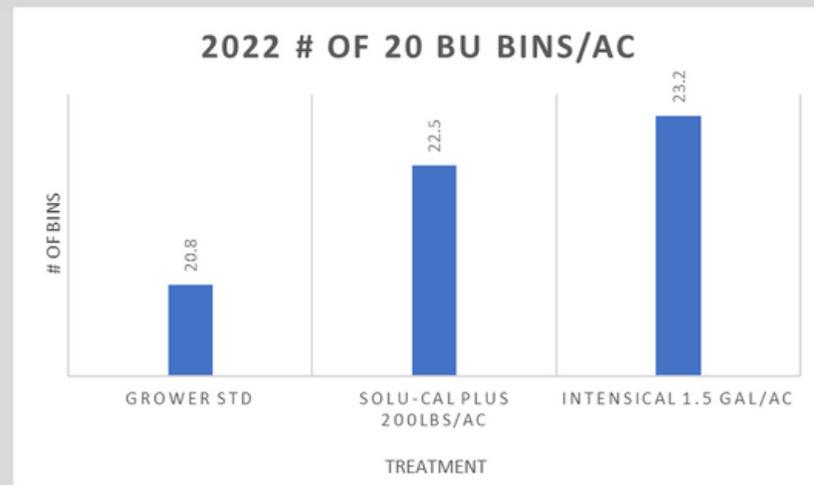
This trial set out to understand yield, fruit size, and overall ROI of the addition of the various rates of Solu-Cal products. The data collected indicates sizeable yield increases in all treated areas, equating to a large return on product investment/Ac.

Yield Increases 2022

- Solu-Cal Plus (200 lbs/Ac) = +34 bu/Ac = **8.17% increase**
- Intensical (1.5 gal/Ac) = +48 bu/Ac = **11.54% increase**

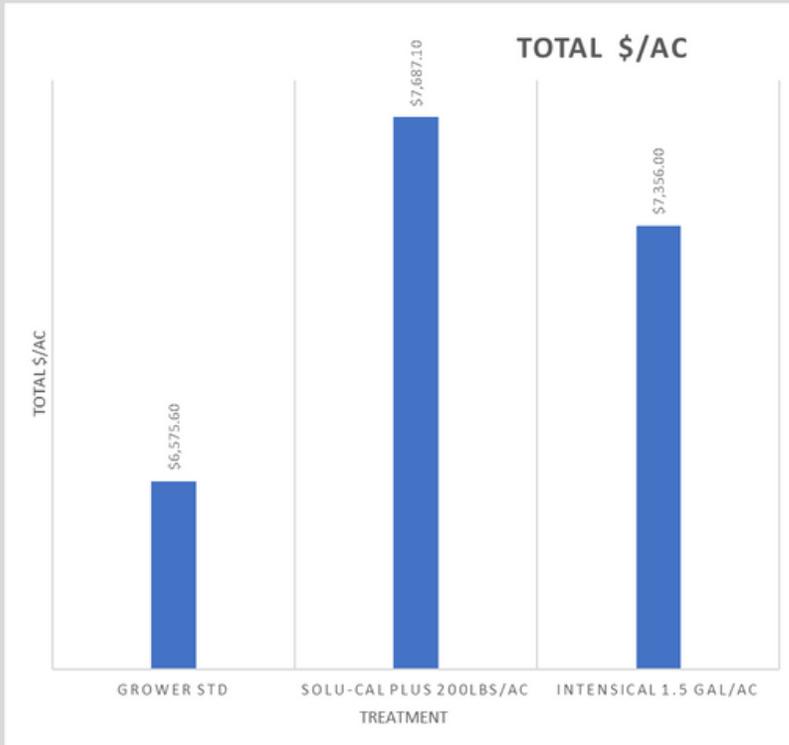
Yield Increases 2021

- Solu-Cal Plus (550lbs/Ac) = + 64 bu/ac= **11.18% increase**
- Solu-Cal Plus (200lb/Ac) + Intensical (3 gal/Ac) = + 56 bu/ac= **9.79% increase**





2021/2022 Honeycrisp Apple Trial Solu-Cal Plus Western New York



ROI 2022

- Solu-Cal Plus (200 lbs/Ac) (based on Bulk pricing)
\$1111.5 (Yield Revenue)
- \$42 ac product cost/ac = **\$1069.50 ROI**
- Intensical (1.5 gal/Ac) (based on case pricing)
\$780.40 (Yield Revenue)
- \$23.30 product cost/ac = **\$757.10 ROI**

Trial Conclusions:

The two year study evaluating Solu-Cal Plus and Intensical on Honeycrisp apples documented **yields significantly higher**, and applications contributed to a **\$750+ Return on Investment per acre** after product costs. The addition of Solu-Cal products increased the Calcium availability, thus leading to higher yield potential/Ac.

Solu-Cal Plus is best fit in areas looking to increase pH and Calcium availability, however Solu-Cal S Enhanced Gypsum can also be used in areas of adequate pH to boost Calcium without increasing soil pH.

Solu-Cal
Powered by **INTENSIFY**
Soil Microbial BioCatalyst

