

Research Trials



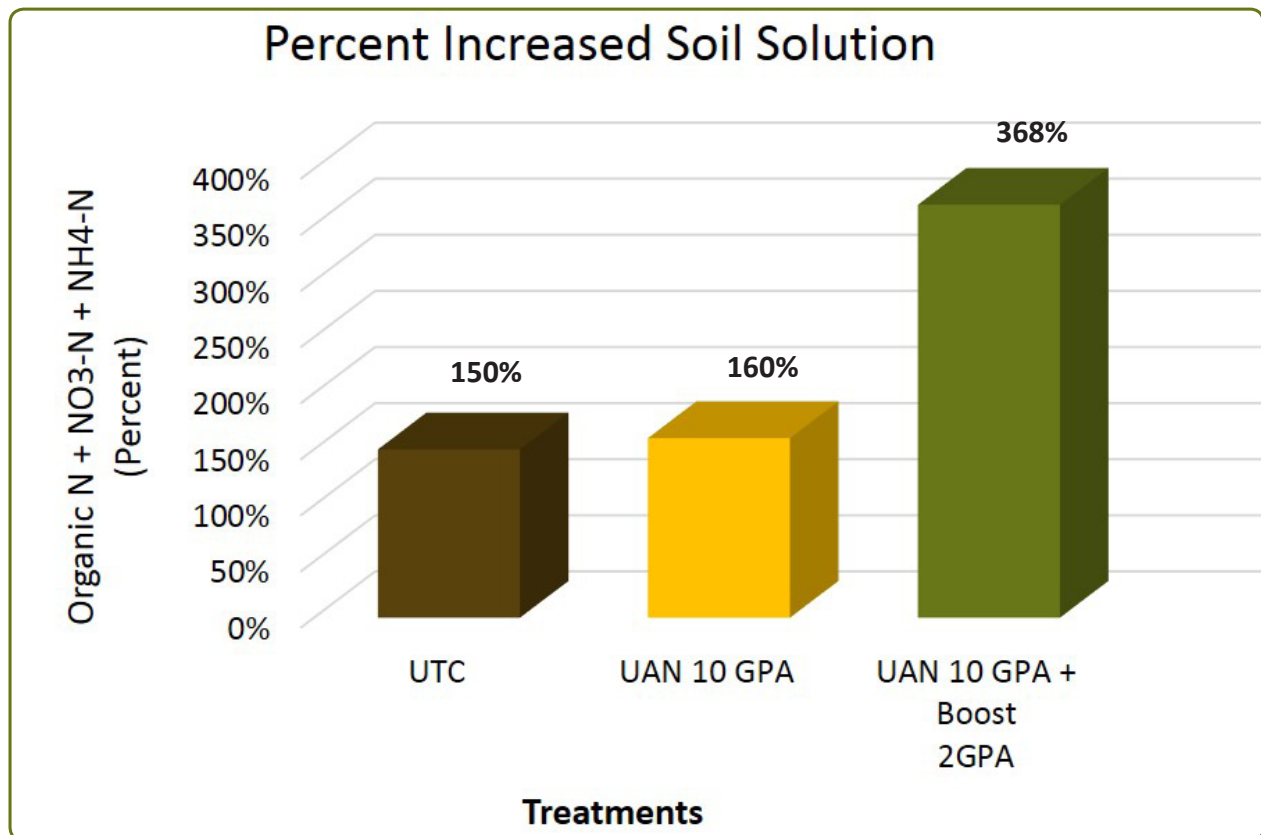
ARISE RESEARCH & DISCOVERY

RESIDUE DECOMPOSITION AND NITROGEN EFFICIENCY TRIALS MARTINSVILLE, IL

- Residue decomposition trials show the value of L-CBF BOOST™. Both improvements in residue recycling and improvements in total nitrogen availability were observed
- Largely as a result of the increase in NO₃-N the estimated requirement to grow a 200 lb bushel corn crop decreased to as little as 60-70 lbs. of additional Nitrogen by May 20 for product BOOST treatments. That was half as much as was estimated by Soil Health Test to be required to add to the Control or UAN GPA treatments.
- Repeated Results in 2016

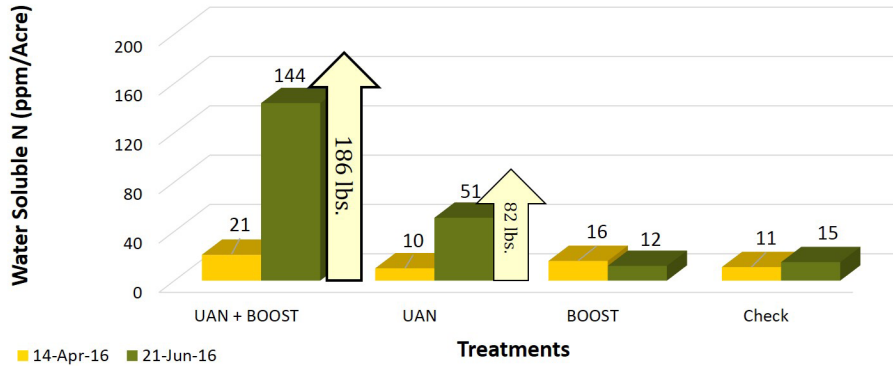


Arise Research, 2016
L-CBF with UAN 28% was 5 bushels/acre better than UAN alone and 9 more bushels/acre than the Control



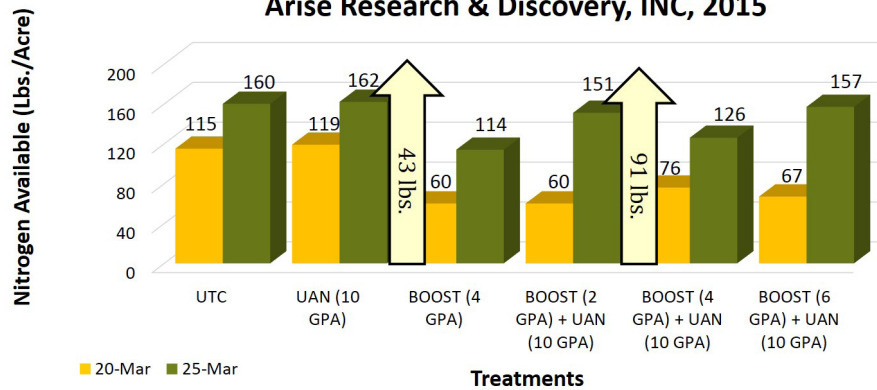
Soil Nutrition Solutions

Soil Health Test: Water Soluble N Arise Research & Discovery, INC, 2016



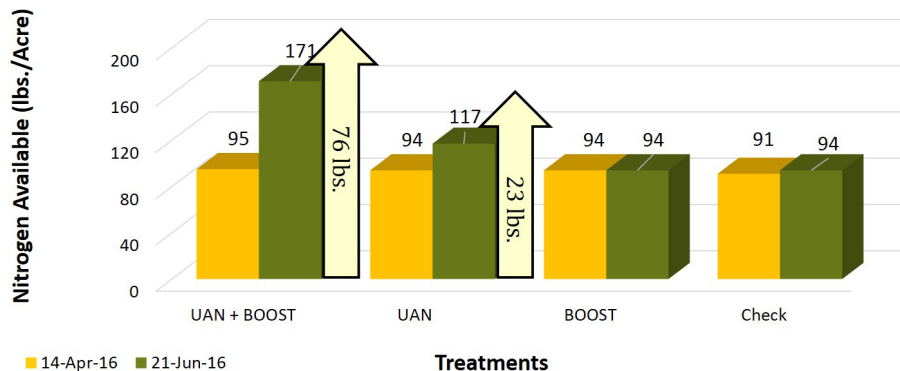
The total water soluble form for the Soil Health Test includes: ammonium (NH₄), nitrate (NO₃), and any soluble organic N (any form). The total water soluble forms of Nitrogen increase 180 lbs. with the addition of BOOST with UAN by June 21 compared to UAN stand alone treatment

Soil Health Test: Nitrogen Available Arise Research & Discovery, INC, 2015



Largely as a result of the increased in NO₃-N the estimated requirement to grow a 200 bushel corn crop increased to 50-90 lbs of available Nitrogen by May 25 for product BOOST treatments. That was about half as much as was estimated by the Soil Health Test to be required to add to the Control or UAN GPA treatments.

Soil Health Test: Nitrogen Available Arise Research & Discovery, INC 2016



Largely as a result of the NO₃-N estimated requirement to grow a 200 bushel corn crop increased to 50 lbs of additional Nitrogen by June 21 for product BOOST treatment with UAN. That is about half as much as was estimated by the Soil Health Test to be required to add to the Check or UAN GPA treatments.