

# NORTH CAROLINA STATE UNIVERSITY SOYBEAN YIELD TRIALS

## Potential Yield Enhancement



Dr. Jim Dunphy is widely known as “Mr. Soybean” in the Southeast. His official title is Professor of Crop Science and Crop Science Extension Specialist.

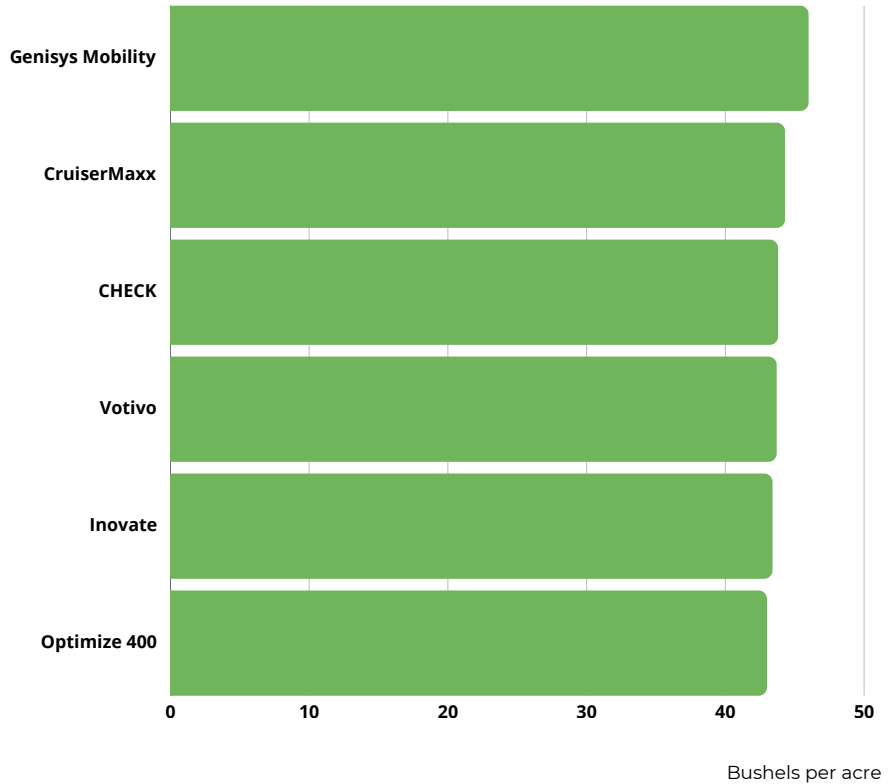
Each season, Dr. Dunphy, his associates and county extension agents conduct soybean trials in at least four counties across North Carolina, screening innovative new products. The trials give growers an objective early look at the new products for soybeans.

The chart at right shows yield averages from all four counties in the trials: Caldwell, Craven, Perquimans and Union.

The research is not intended as a competition. Each Product has specific purposes for use on soybeans.

But when we ranked the four-county average yields from high to low, we noticed that **Genisys Mobility** treatments emerged in the yield positions.

Note that the yield range of all treatments from high to low is fairly narrow, only 3.5 bushels. That’s an indicator of uniform experimental design. It also underscores the challenge that farmers face to find cost-effective “specialty” treatments to consistently gain that highly profitable extra three or four bushels of soybean.



We appreciate this research. We encourage soybean growers to continue using **Genisys Mobility**, using these tips to help maximize yield:

**1. Apply Genisys Mobility at the first two trifoliolate leaves,** which is the optimum time to encourage deep, early rooting which sustains pod retention, especial through dry weather stress. In the trials above, applying products to plants four weeks after planting was done for consistency across treatments.

**2. Tank-mix Genisys Mobility with yield-enhancing nutrients** such as trace element blends, to improve effectiveness of foliar feeding. New data on **Genisys Mobility** prove it’s a highly effective and consistent “carrier” of beneficial nutrients into the leaf and through crop circulation systems.

