

3rd Annual
Midwest Soil Improvement Symposium:
2013

Research and Practical Insights into Using Gypsum

March 7, 2013

United Soybean Board Research Update

Randall Reeder



Increasing Soybean Productivity

With Continuous No-till, Cover Crops and FGD Gypsum



Increasing Soybean Productivity while Improving Soil Quality and Mitigating Climate Change



Primary Researchers

Tara VanToia and Norman Fausey,
USDA-ARS, Columbus, Ohio

Warren Dick, Rafiq Islam, Marvin Batte and Randall Reeder,
Ohio State University

Dexter Watts, USDA-ARS, Auburn, Alabama

Darrell Norton, Dennis Flanagan, & Javier Gonzalez
USDA-ARS, West Lafayette, Indiana

Field Research:

- In Ohio, Indiana and Alabama, gypsum was applied in early spring at 0, 1000, and 2000 lbs/acre.
- To be repeated each spring

Research: Planting into a Cover Crop



Greg Roth, Penn State U.



Increasing **No-till Soybean** Yields with
Cover crops and/or FGD Gypsum
(Continuous, or in rotation with corn)

Ask about research conducted in
Ohio, Indiana and Alabama

www.unitedsoybean.org/sustainability



FGD Gypsum plot
2000 #/acre



Tom Kaspar, USDA-ARS Ames, Iowa



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Funded by



Cover crop and
FGD Gypsum plot





Cover crop and
FGD Gypsum plot


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About research conducted in
Ohio, Indiana and Alabama
www.no-tillsoybean.org/sustainability
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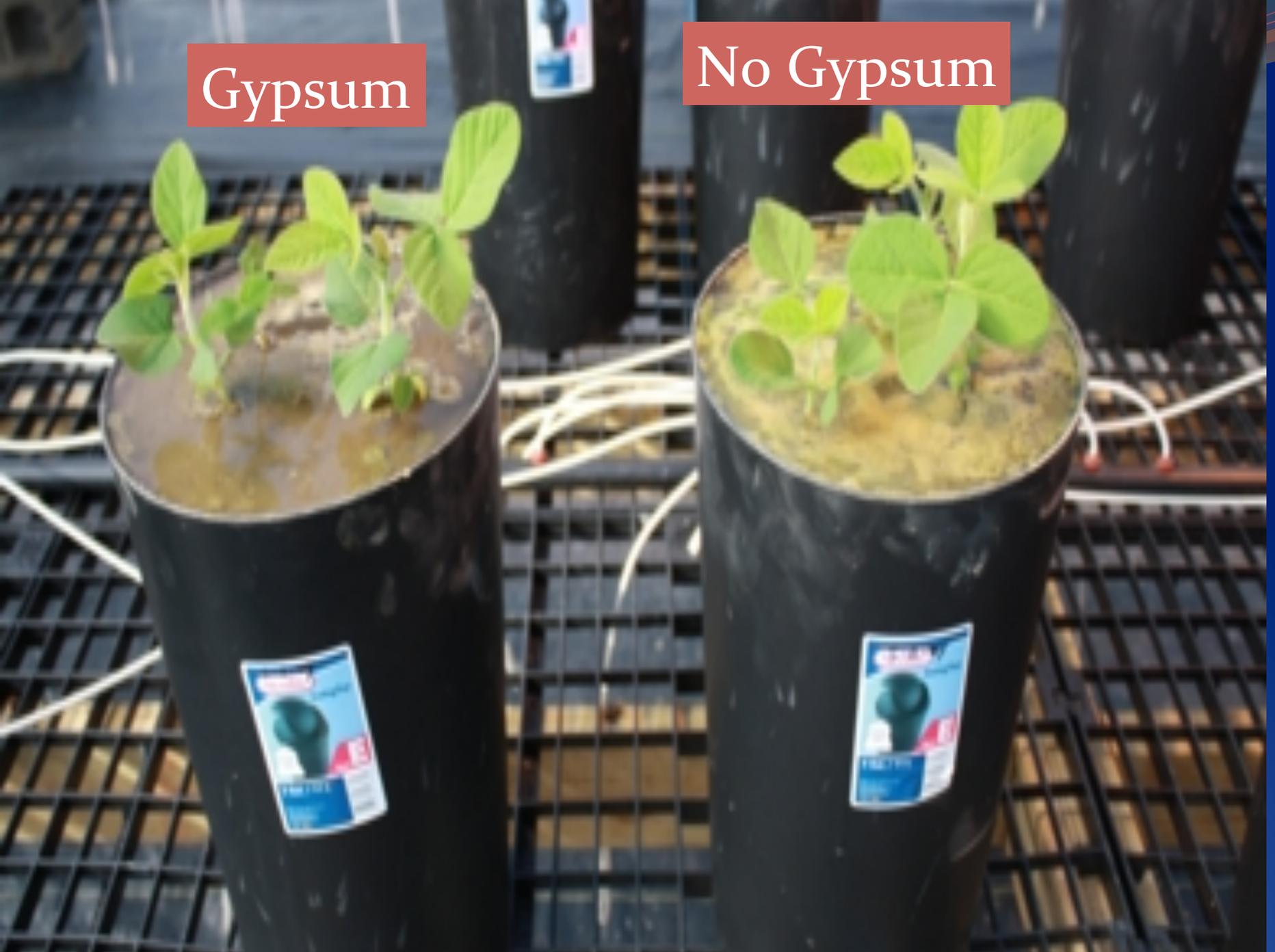


Increasing
No-till Soybean
Yields



Gypsum

No Gypsum



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