Welcome to Planter University

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Ability of the planter to:

- Reach target seeding rate.
- Obtain uniform seed spacing.
- Achieve adequate and uniform planting depth without compaction
  - supports immediate germination and uniform emergence.

Question: Can you EFFECTIVELY control each of these variables?
Maximize Yield Potential

2 questions to ask yourself...

What is the yield-limiting factor (YLF) on each acres of your land?

Is it profitable to eliminate the issue(s)?

- Lack of water is likely NOT your YLF on all your acres.
Achieving Optimum Stands and Uniform Emergence

- **Place seed accurately** (depth and at target population)
- **Soil Temperature** (>50°F)
- **Soil Moisture** (too wet = compaction, uneven emergence, disease)
- **Soil Texture** (varies requiring varying DF)

Important to Yield

“Getting it Right” at Planting

In-field variability (texture and soil moisture) influences seeding depth.
“Getting it Right” at Planting

10 bu/ac gain for good seed-to-soil contact

“Getting it Right” at Planting

Uneven emergence can have a 5% to 9% yield impact
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Reach out to the Ohio State Digital Ag Team with Questions.

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