As everyone is gearing up for planting, we thought we’d share some helpful hints and learnings from the past few planting seasons! Be sure to share this newsletter with anyone who may be interested; we hope you enjoy! – The Ohio State Digital Ag Team

**Planter Tips for 2018**

With another spring planting season upon us, here are a few planter considerations before heading to the field. See below for some set-up tips as well as some useful apps for evaluating planting performance.

**Pinch Row Compaction Study**

Central-fill planters have added a lot of weight and can potentially cause compaction issues. Senior Research Engineer Andrew Klopfenstein talks about pinch row compaction in a recent article by Corn and Soybean Digest.

**Calibrate Starter Fertilizer System**
If you're considering putting out starter this spring, be sure to take the time to calibrate the starter system. A simple calibration can go a long way in making sure starter is placed at the correct rate for every acre.

Jim Schwartz of Beck's Hybrids offers some insights and advice on proper calibration of starter.

2018 Pre-plant Tech Checklist:

- Perform steering calibrations
- Load AB lines
- Import seed/fertilizer Rxs
- Update monitor and GPS firmware
- Renew needed subscriptions
- Back-up old data
- Ensure offsets set correctly
- Check wiring harnesses

2017 eFields Report

Seeding Rate Studies:

**Corn**

**Soybean**

2017 Planting Trials:
High Speed Planting

The Digital Ag Team has a reputation for pushing the envelope, and this year we planted at 18 mph!

Learn more about the yield results below:

View Study

Pinch Row Compaction in Soybeans

Increasing equipment weights have also increased concern for plants seeded near the wheels or tracks of the equipment.

We evaluated these effects on soybean production below:

View Study

Downforce Control in Strip-Till

Planter downforce control systems have been become a popular upgrade option for 2018.

We researched the impact of those systems on strip-till soybeans. Take a look below:

View Study

Remember when we hosted #PlanterU in 2017? We’re always providing research updates on our website for a variety of topics. If you’d like more information on our planting research click on the link below:

Digital Ag Team Planter Resources

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