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## Tips for Harvesting a Successful Soil Health Partnership Trial

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### **Before harvest:**

1. Make sure the combine is calibrated and GPS is working properly.
2. Update monitor firmware to the most recent version. Check with your equipment dealer to make sure the monitor and GPS are up-to-date.
3. Backup all files. It is important to copy over any tillage, planting or spraying data from earlier in the year to a data card or off of the monitor. Store this data in a safe location.

### **During Harvest:**

1. Harvest the trial area using only **ONE** combine. This ensures the same calibration settings (moisture, speed, etc.) are recorded when comparing yield results.
2. Make sure the combine operator knows how the trial is setup and how to work/run the yield monitor.
3. Harvest with the rows. If harvesting soybeans, too steep of a harvest angle may result in biased yield data. Try to harvest treatments with the rows.
4. Harvest the trial treatments with full harvest swaths. Ensuring the treatments and combine header line up will make yield analysis easy when comparing one treatment to another. Partial swaths with multiple treatments must be discarded.
5. Harvest the treatments at the same speed. Different speeds will produce inaccurate yield results compared to the monitor calibration.
6. Create new loads for each treatment. Individual loads can be easily analyzed to see the results of each treatment.
7. Try to harvest the entire trial on the same day. If unable to harvest all on the same day, try to complete a replication before finishing for the day. Moisture and yield differences may vary throughout the time of day.

### **After Harvest:**

1. Copy data from monitor to data card, or upload data to a third-party wireless data transfer application. Work with your field specialist to coordinate data transfer options for trial and report processing.