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Case IH Advances Agronomic Tillage Technology by Expanding AFS Soil Command Capabilities

Mapping technology helps producers easily track tillage applications to improve soil conditions

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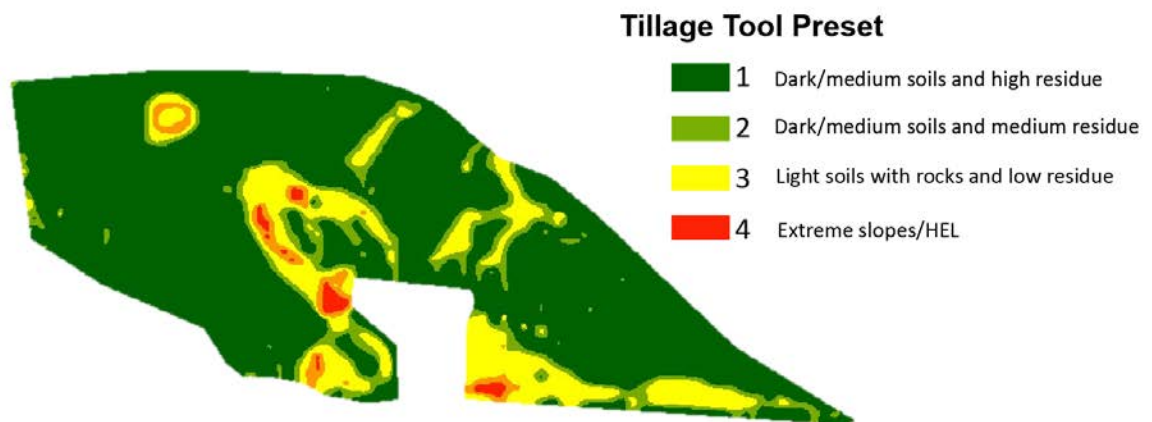
Continuing its commitment to advancing the future of High-Efficiency Farming, Case IH is expanding its AFS Soil Command™ lineup to include mapping technology, signifying progress in both field mapping capabilities and agronomic research. Available on any machine equipped with AFS Soil Command, this new mapping technology adds to a powerful suite of tillage tools that give producers enhanced insights to improve operational efficiency and increase yield potential.

AFS Soil Command provides a data-driven approach to tillage. When planting, producers consider every seed in the ground down to the inch — similarly, AFS Soil Command helps producers monitor and optimize soil conditions down to the square inch for tillage. No more “farming on the average” — using the same equipment and tillage settings through entire fields despite changing field conditions. Presets allow each area of a field to be treated differently. The technology then records all key tillage tool adjustments and provides producers with real-time field mapping data.

“With AFS Soil Command mapping technology, we’re excited to give farmers a deeper understanding of the agronomic benefits of tillage and stop ‘farming on the average,’” said Chris Lursen, Case IH tillage marketing manager. “Making precise adjustments to treat different areas of a field is critical for boosting yields. Producers consistently rely on hard data to streamline their operations — from tractor fuel economy to planter and seeding data — and now, that data is becoming increasingly available for tillage equipment, too.”

AFS Soil Command mapping technology notifies operators of problem areas and changing field conditions using seamless two-way data transfer. This allows producers to compare recorded data with yield maps using AFS software and other data analysis systems, helping them understand the effects tillage had on those areas, so they can make the most of every inch of every field.

To further understand the effectiveness of tillage optimization, Case IH is partnering with The Ohio State University Department of Food, Agricultural and Biological Engineering, to evaluate the potential of Ecolo-Tiger® 875 disk rippers equipped with AFS Soil Command. Using a combination of field mapping technology and additional data solutions, The Ohio State University is using mapping technology and additional data solutions to research the impact of tillage adjustments on yield potential in varying field conditions — from residue management to accounting for varying soil types. By collecting data on tillage adjustments, The Ohio State University aims to reveal the increased return on investment that proper tillage tactics can provide.



Tillage tool Preset map based on field slope and combine yield data

Click [HERE](#) to download a high-res version.

“We want to communicate the importance of tillage through measurable returns,” said Andrew Klopfenstein, senior research associate engineer at Ohio State’s College of Food, Agricultural, and Environmental Sciences. “Today, it’s more important than ever to assess every aspect of your operation,

including tillage. The future of tillage is tech-based, and we're here to support that with yield and field mapping data.”

AFS Soil Command mapping technology will be available for the fall season of use on all AFS Soil Command agronomic control technology and seedbed sensing technology equipment: the Case IH Ecolo-Tiger 875[®] disk ripper, the Tiger-Mate™ 255 field cultivator, True-Tandem™ 345/375 disk harrows and True-Tandem 335 VT/Barracuda vertical tillage tools.

For more information, visit your local Case IH dealer or www.caseih.com.

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