The Standardized Precision Ag Data Exchange (SPADE) Project is a collaboration among suppliers of agricultural hardware, software, inputs, services, implements and vehicles for improved data exchange and interoperability. It targets field operations of seeding, tillage, crop nutrition, crop protection and harvest to maximize the value of precision agriculture through seamless and transparent data exchange.

**SPADE seeks to:**

- Establish a framework of standards to simplify mixed-fleet field operations, regulatory compliance, crop insurance reporting, traceability, sustainability assessment and field or crop-scale revenue management.
- Allow seamless data exchange between hardware systems and software applications that collect field data across farming operations.
- Make it easier for growers to share data with their trusted advisors, suppliers, and other value partners, who often use different system components.
- Lower the cost of entry for growers and ag retailers who want to use precision ag, through transparent data exchange and interoperability.

**Data Challenges?**

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**SPADE’s vision for data flow in precision agriculture. Reference data helps ensure that things mean the same for all participants.**
How you can get involved

- SPADE needs much more than strictly technical work: if you’re an expert in the business or agronomy aspects of what we’re working on, your user stories will help enrich the project deliverables and make SPADE deliverables better for the entire industry.

- Contact Jim Wilson (SPADE Project Mgr.) and discuss how to join the effort!