



ASABE

Engineering a Sustainable Future

ASABE Standards Updates

September 2026

Highlights

- **New ASABE Standard Published:** ANSI/ASABE S665, *Test Methods for the Evaluation of Targeted Spray Application Systems for Horizontal Boom Sprayers in Row Crops*, was published July 2026.
- **New ISO Work Item:** ISO 4254-15, *Agricultural machinery — Safety — Part 15: Large flail mowers*, is being developed based on ANSI/ASABE S639.
- **Lighting and Marking:** Revision of ANSI/ASAE S279 is underway to align with ISO 16154 and address use of the SIS and SMV emblems. Draft expected spring 2027.

Get Involved with ASABE Standards!

ASABE is seeking expertise on adding a Category 6 drawbar for large agricultural tractors and implements.

Scope: Development of Category 6 dimensions and requirements for the tractor drawbar, hitch ring and connecting pin used with high-capacity agricultural equipment.

Contact: Sadie Stell (stell@asabe.org)

Active Projects

Tractor–Implement Interface

- ANSI/ASAE S338 Field Equipment for Agriculture - Safety Chain for Towed Equipment
- ANSI/ASABE AD6489-3:2021 Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 3: Tractor drawbar
- Withdrawal of ASAE/ISO 9190:1990 Lawn and garden ride-on (riding) tractors — Drawbar

Field Equipment

- ISO/NWIP 4254-15, Ag machinery — Safety — Part 15: Large flail mowers (Based on ANSI/ASABE S639 Safety Standard for Large Row-Crop Flail Mowers)
- ISO/DIS 4254-18 Agricultural machinery — Safety — Part 18: Forage loader and forage transport wagons
- S673 Safety for Boom Mounted Mowers

Lighting & Marking

- ANSI/ASAE S279.18 OCT2019 Lighting and Marking of Agricultural Field Equipment on Highways

Operator Protection

- ASABE/ISO 5008:2002 W/Cor.1 Agricultural wheeled tractors and field machinery - Measurement of whole body vibration of the operator
- ISO/AWI 3020 Ag tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances
 - Part 1: Terms & definitions, Airborne contamination, Category specifications & requirements, and isolation effectiveness
 - Part 2: Filters, requirements and test procedures

Crop Equipment

- ASAE S248 Construction and Rating of Equipment for Drying Farm Crops

Resources

[ASABE US Recognized Standards](#)

[ASABE Canadian Recognized Standards](#)