# ASABE Standards Updates

# October 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
- **New ASABE Standard Published:** ANSI/ASABE S673 Safety for Boom Mounted Mowers
- **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 invites participation for development of 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

- ANSI/ASABE AD4254-11:2010 W/Amd.1 Agricultural machinery - Safety - Part 11: Pick-up balers
- ANSI/ASABE AD4254-12:2012 W/Amd.1 Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers
- ANSI/ASABE AD4254-13:2012 W/Amd.1 Agricultural machinery - Safety -Part 13: Large rotary mowers
- 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

### Lighting & Marking

- ANSI/ASAE S279.18 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
- S677 Cotton Harvest, Fiber Quality, and Ginning Data Terminology

ASABE US Recognized Standards

ASABE Canadian Recognized Standards