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# Singulating Seeding Equipment Test Methods Part 1: General Information

*Developed and approved by ASABE Technical Committee MS-49, Crop Production Systems, Machinery, and Logistics. Approved December 2023.*

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## 1 Scope

The ASABE S658 standard is divided into three parts:

ASABE S658-1, Singulating Seeding Equipment Test Methods Part 1: General Information

ASABE S658-2, Singulating Seeding Equipment Test Methods Part 2: Monitoring Systems Performance

ASABE S658-3, Singulating Seeding Equipment Test Methods Part 3: Seed Spacing Performance

The scope of this part of the S658 standard series is to provide normative references, definitions/terminology, and general testing requirements for monitoring system performance and seed spacing of singulated seeding equipment for the ASABE S658 standard series.

Note: All Annexes referenced within the ASABE S658 standard series are located in part one, ASABE S658-1, Singulating Seeding Equipment Test Methods Part 1: General Information.

## 2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ASABE S658-2, Singulating Seeding Equipment Test Methods Part 2: Monitoring Systems Performance

ASABE S658-3, Singulating Seeding Equipment Test Methods Part 3: Seed Spacing Performance

## 3 Definitions and Terminology

### 3.1 General Seeding/Planting Terms

**3.1.1 planting (seeding):** act of placing seed in the soil for the purpose of raising a crop for harvest or as a cover crop

**3.1.2 population:** general term that indicates the number of seeds planted per unit area