

Georgia FFA Association
Tractor Operations & Maintenance CDE
2026-2027 Description Sheet
Revised 7/31/2026

Event Format

1. **Written Exam** – 20 MC questions over information from the references below
2. **Problem Solving** – 10 problem-solving questions/activities relating to tractor servicing, safe operation, troubleshooting, care, and maintenance, sprayer calibration, and chemical label reading.
3. **Tractor Operations**
 - Explain pre-warm-up procedure
 - Operate the tractor and implement through the driving course

Test References:

- Fundamentals of Machine Operation-Tractors – 5th Edition
 - Chapters 1, 2, 3, 5, & 7
- John Deere Fundamentals of Service - Mowers & Sprayers – 5th Edition
 - Sections: Part 2 - Sprayers
 - Pgs. 41 - 78

Problem Solving References:

- Chemical Labels
 - [Coragen - Insecticide](#)
 - [2, 4-D LV6 - Herbicide](#)
- Sprayer
 - [Fimco 200 2 Point Sprayer with 1225FX4 Boom Kit, Handgun, Pump, and Coupler](#)
- Calibration Reference
 - [Calibration Method for Sprayers and Other Liquids](#)
- Tractor Reference
 - [5000 Series](#)