

Monsanto Utility Sprayer: Updating, Rebuilding, and Adapting Project

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Objectives:

- Revamp Monsanto's current sprayer unit
- Modify the sprayer unit to fit Monsanto's John Deere Gator
- Calibrate the sprayer system



Original Sprayer Unit

- 10 Foot Boom
- 7 Nozzles
- 30 Foot Hose and Spray Gun
- Manual Spray Controls
- PTO Driven Roller Pump
- Tractor Compatible Only

Final Sprayer Unit

- 10 Foot Boom
- 5 Nozzles 30" Spacing
- 50 Foot Hose and Gun on Self Retracting Reel
- Spray Monitor with Pressure Control
- Solenoid Controlled Valves for Boom and Spray Gun
- Electric Pump and Flow Control
- New Mounting Frame for John Deere Gator
- Easy and Quick Cleanout

