



FFA Ag Mechanics Chapter Challenge

Approximate 1/16 Scale (toy tractor size) replica of a vehicle normally powered by an engine. Ex: Automobile, tractor, combine, etc.

The average size for a John Deere 1/16 scale toy is 9-13" Long, by 4-9" Wide, by 5-8" Tall

The project must be constructed from 100 percent metal parts; mild steel, washers, bolts, valves, etc.

We encourage all chapters to hold a local contest to construct the miniature vehicle replicas. Each chapter is encouraged to select their best replica and enter their winning representative's project in the State Fair Chapter Challenge Division. One Chapter Challenge Representative per chapter.

Judging of the projects will be based on creativity and quality of workmanship.

- Should mimic a toy tractor or model car, and will not have a real engine.
- * No paperwork (bill of material, blueprint, etc.) required