

**CONTACT:**

Saunders County  
Dave Ludvic, Saunders County Motor Grader Operator  
Saunders County, Nebraska  
County Seat Wahoo, Nebraska

**PROBLEM STATEMENT:**

As almost everyone knows, weeds can be tough to address. Weeds and vegetation on the edge of the traveled way can cause various safety issues. As vegetation creeps in on roadway shoulders, the road appears to be narrower to the traveling public than it actually is. The vegetation can cause drainage issues and taller weeds can cause sight distance issues.

**SOLUTION:**

Mr. Ludvic built a weed sprayer that could be transported and used with a motor grader utilizing the front mount attachment assembly. The 25 gallon sprayer is adjustable with the side bar on sprayer and up or down with the motor grader front bar assembly. The sprayer is controlled by a toggle switch inside the cab. Various chemicals such as brush control can be applied as needed.

**LABOR/MATERIALS/COST:**

The tank, pump assembly and wiring cost about \$185.00 the remainder was built with scrap material and scrap sign posts.

**SAVINGS/BENEFITS TO THE COMMUNITY:**

Safety has been improved due to roadsides being cleaned up and drainage more manageable. Roadsides are easier to maintain. Farming community appreciates the effort. Note: He does not spray around acreages.

