Productivity First-Round Winner

Innovations Challenge

April 2017

Prepared by Transportation Planning Missouri Department of Transportation

Mower Sprayer





Description

The Mower Sprayer is a sprayer mounted on to a brush hog. It allows vegetation, brush and weeds to be sprayed at the same time mowing is completed. It also regulates the amount of chemical that is released. It eliminates weeds and stunts grass growth immediately after mowing to reduce the number of mowing cycles.

Benefit

The Mower Sprayer improves safety by reducing the time employees spend on the roadway and can be done from the cab of a tractor instead of on the roadway. It saves time and money by reducing brush cutting in the future, and it allows two or more jobs to be completed in one pass.

Materials and Labor

No staff time hours with a one-time cost of \$27,653 for materials.

For More Information Contact:

Todd Greenstreet at <u>Todd.Greenstreet@modot.mo.gov</u>. Alternate contacts: Shannon Partin and Gavin Poe.

Additional photos or videos can be seen by accessing the Innovations Challenge SharePoint page at: http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx.

