

Tool and Equipment First-Round Winner

Innovations Challenge

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Sponge Sprayer



Description

The Sponge Sprayer is an attachment on a spray wand that allows a precise application of chemicals to the outer rings of cut tree stumps where the stump treatment chemical is most effective. This innovation eliminates chemical overspray around the stump. Since January of 2017, there has been no regrowth on the treated stumps.

Benefit

The Sponge Sprayer saves time and money by reducing the amount of chemical used and application time. It simplifies work by using the dab and go technique.

Materials and Labor

2 hours of staff time with \$6.50 in materials costs.

Materials:

- One 18 x ¾ inch piece of PVC pipe
- 45 degree ¾ inch elbow
- ½ to ¾ inch reducer
- ¼ inch thick piece of Plexiglas for 3 ½ inch circle
- One heavy-duty sponge
- 1" rubber washer
- Six 8" zip ties

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Additional information, photos or videos can be seen by accessing the Innovations Challenge SharePoint page at:

<http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>