

**Projects First-Round Winner**  
Innovations Challenge

**April 2016**  
Prepared by Transportation Planning  
Missouri Department of Transportation

## Leaf Blower/Seeder Attachment



### Description

The Leaf Blower Seeder Attachment is constructed from pvc pipe that attaches to the air intake of a leaf blower. This seeder attachment allows crews to seed the right-of-way without having to leave the side of the road. There are adjustments on the attachment to control the amount of seed. A kickstand on the attachment allows crew members to sit the leaf blower up and leave it on while they refill it with seed.

### Benefit

The seeder attachment will distribute seed for 30 feet, so crew members don't have to walk on unstable ground or on a hillside to seed it-improving safety. The adjustments on the attachment are helpful if you have a smaller seed to sow such as Bermuda grass. The seeding adjustments provide more precise control of the amount of seed-saving money. This seeder attachment helps cut time in half to seed an area. This innovation simplifies work, saves time and saves money by allowing crew members to use work time more efficiently.

### Materials and Labor

Materials: \$43 (*See back for materials list.*)

Labor: 3 hours

### For More Information Contact:

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

Materials List	Quantity	Total
S and D Clay Hub Adapter	1	\$12.45
4" Piece of 4" PVC Pipe	1	\$0.75
4" PVC S and C Caps	2	\$4.38
3/4 x 1" Reducer Adapter	2	\$2.98
1" Ball Valve	1	\$4.59
1" Conduit Locknuts	4	\$3.56
4" PVC 90 S and D Street EL	1	\$5.69
10" Piece 6" S and D Pipe	1	\$2.00
6" Cap	1	\$6.00
Handle	1	\$1.50
<b>Total</b>		<b>\$43.90</b>

