

Tool and Equipment First-Round Winner

Innovations Challenge

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Chip Box Spreader



Description

This tailgate chip spreader unit is attached to the v-bed spreader where the chute and spinner are located. The handmade hopper and auger runs to evenly distribute the chip rock. It works well for spot chipping patches and wide shoulders. The v-bed fills the hopper, and the auger inside the hopper keeps the chips evenly distributed. The gates on the chip spreader can be closed to do a small spot patch or the entire lane.

Benefit

By using the v-bed, the Chip Box Spreader it eliminates raising the dump bed at any time on the job. In addition, a camera that watches the hopper and ground is used to eliminate the need for a spotter on foot.

Materials and Labor

8 hours of staff time with no materials costs. The hopper was made from scrap material and an old auger.

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