

REMOVES WEEDS IN THE ROW

# New-Style Cultivator Sweep Fitted With Spring

By Jim Houtsma, Associate Editor

This new-style row crop cultivator sweep pulls weeds out from within the row as it cultivates between rows. It also increases the soil's water-holding capacity by breaking up the crust along the row.

That's according to Ace Eustace, inventor of the sweep which he calls the "Ace Weed Devil". The Lubbock, Texas, farmer has been perfecting the concept for the last four years and it's just going into production at Wild Cat Mfg. (Box 914, Tahoka, Texas 79373; ph 806 327-5602).

The Ace Weed Devil consists of a conventional 10-in. sweep fitted with a four-coil spring line that's positioned to run 3/4 to 1 in. deep within the row to remove weeds and aerate soil - without harming crop stalks or roots.

"I've used them on cotton, soybeans, corn and sunflowers and they definitely do a number on weeds," Eustace says. "But they don't skin stalks or damage roots."

The 6-in. spring line bolts to the back of the sweep. It pivots on the bolt so it can be set to be more or less aggressive depending on the crop. A nut on the back of a small upright bracket behind the spring makes it easy to adjust.

"As the crop gets bigger, you increase tension to make the springs more aggressive,"



**"Ace Weed Devil" consists of a conventional 10-in. sweep fitted with a spring line that's positioned to run 3/4 to 1 in. deep within the row. It removes weeds and aerates soil without harming crop stalks or roots, says Eustace.**

Eustace says.

The spring has a back-sloped hook on the end to help slide past stalks without damage. When mounted on facing sweep wings, the springs overlap each other by about an inch so no weeds escape and no soil is left undisturbed.

The sweeps are suitable to use from first cultivation to lay-by, Eustace says.

They sell for approximately \$40 per row and are designed to fit any cultivator.

For more information, contact: FARM SHOW Followup, Ace Weed Devil, Rt. 7, Box 347-G, Lubbock, Texas 79401 (ph 806 744-9879).



Welder Gary Hatten made "spacers" from 16-in. dia. oil field pipe. "Spacers" move front wheels out so they run in line with the outer duals on back of tractor.

INSERTS MADE FROM OIL PIPE

## Easy Way To Widen Front Tractor Axles

By C.F. Marley

Rick Wendling and his son, Jake, like to side dress corn with NH3. The Mason, Ill., farmers wanted to use their big 4-WD Deutz-Allis 9170 but the wheels were not spaced for 30-in. rows. The front wheels were originally positioned so that they would run between tracks made by the duals on back.

To solve the problem they went to welder Gary Hatten in Neoga, Ill. He made "spacers" to move the front wheels out so they run in line with the outer duals on back. A corn row now passes between each set of duals.

The spacers are made from 16-in. dia. oil field pipe with 1/2-in. thick steel. He welded plates into both ends of the pipe that match up to bolts on the original drive hub and the tractor wheel. No modification was needed to the tractor or to the wheel.



**"Spacers" are mounted on the Wendling's big 4-WD Deutz-Allis 9170 tractor.**

This was the second time welder Hatten has made spacers to extend tractor drive axles. He buys the oil field pipe from a nearby oil pipe supply company.

Contact: FARM SHOW Followup, Gary Hatten, RR1, Neoga, Ill. 62447 (ph 217 849-3352).

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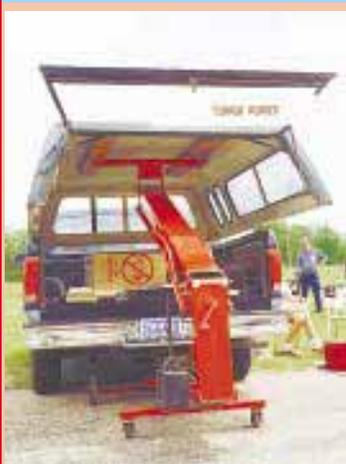
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Jack-type tool lifts topper up to 6 1/2 ft. high and then simply rolls it away.

## "Topper Popper" Makes Removal A One-Man Job

Taking a topper off a pickup is a one-man job with this new jack-type tool that lifts a topper up to 6 1/2 ft. high and then simply rolls it away.

Introduced at the recent Minnesota Inventors Congress, Kenneth Berg's prototype "Topper Popper" features a 6-ft. steel lift arm that's raised and lowered by a 28-in. hydraulic cylinder. It has a 6-ft. by 3-ft. base and rides on two 8-in. dia. wheels in back and two 4-in. wheels in front.

For more information, contact: FARM SHOW Followup, Kenneth Berg, 485 1st, Box 411, R.R. 2, Mazeppa, Minn. 55956 (ph 507 843-4725).



After you've used rotor to strip twine off 30 to 40 bales, you cut twine off by activating two hydraulic cylinders that move cutting teeth down onto the drum.

## Powered Twine Stripper

(Continued from cover page)

The Twine Stripper consists of a drum rotor fitted with angled cutting blades that fits inside a loader bucket (7 ft. or wider). The drum is driven by two orbit motors. When pressed against the side of a bale, the drum strips the twine off the bale, wrapping it on the drum. The drum and bucket are also used to roll the bale out along the ground or - if the bucket is fitted with a grapple fork - you can pick up the bale to put it into a feeder.

After you have used the rotor to strip off the twine from 30 to 40 bales, you cut the twine off by activating two hydraulic cylinders that move a cutterbar down onto the drum. It cuts the twine off as the drum turns.

The twine is then dumped out of the bucket for disposal.

"It's all done from the tractor seat. No need to ever get off," says Schwitzer, who says he leaves the Twine Stripper in the bucket all year long, even when he uses the bucket in winter to move snow.

Sells for \$4,850 (Canadian). He's also developing a second model that will mount directly on the loader arms and which can be fitted with grapple forks so there's no need for a bucket.

Contact: FARM SHOW Followup, Checota Bison Ranch, Allen & Lauretta Schwitzer, RR1, Melville, Sask. S0A 2P0 Canada (ph 306 728-4906).