

## 27-FT. WIDE "SINGLE SPAN" FEATURES A NEW-STYLE "CADDY HITCH"

# "World's Widest" No-Till Drill Now On The Market

"So far as we know, it's the world's widest single span, non-folding no-till drill," says Andy Morris, marketing manager of Marlliss Industries, manufacturer of the new 27-ft. wide machine for planting soybeans and small grains.

It's equipped with a "caddy hitch", designed to handle loads up to 24,000 lbs. with minimum horsepower. The hitch features high transport clearance, extra-large tires that absorb some of the shock of moving the drill through rugged terrain and provide excellent flotation, and a 12-ft. wheel base width.

Morris says a major consideration in designing the caddy-hitch was to make certain it would handle the 27-ft. drill fully loaded. The caddy-hitch, equipped with two 4 in. cylinders, uses its own weight, plus the weight of the drill, to eliminate the need for extra weight in tougher soil conditions.

"By using the caddy a farmer can use a much smaller horsepower tractor than would be needed to lift the large drill by itself," explains Morris. "You can always add weight

to the drill, but we designed the caddy to use its own weight. We believe there will be very few conditions in which farmers will need extra weight."

The new drill incorporates all the standard features of the Marlliss line of soybean and grain drills, including their unique "pull-a-pin" concept. It allows you to go from no-till to conventional, and back, by removing and replacing coulters — without tools.

Other Marlliss features include heavy-duty coulters with up to 400 lbs. of spring pressure, down pressure springs to keep opener units in the ground, floating drive wheels, seed tubes that extend through the double disc openers and adjustable press wheels to provide positive depth control.

Cost of the 27-ft. drill, equipped with 8-in. spacing is right at \$28,000. Row spacing is adjustable from 6 to 40 in.

For more information, contact: FARM SHOW Followup, Marlliss Industries, P.O. Box 1406, Jonesboro, Ark. 72401 (ph 501 932-7550).

## HELPS OLD SHEEP AND GOATS KEEP ON CHEWING

# "False Teeth" For Toothless Livestock

Dentures for sheep and goats?

Hard to believe but they're now possible thanks to the "Ewesplint" recently unveiled in the United States by a Scottish firm, Ewesplint, Ltd.

The company reports that the Ewesplint prolongs sheep and goats' lives by helping them graze normally even after their front teeth fall out.

It installs on the animals' front teeth, bonding firmly to the teeth with a quick setting acrylic adhesive. Adhesive filling the spaces between the teeth and holes in the splint holds the two together.

Once the animal's front teeth wear down, the Ewesplint remains to act as the incisor for grazing.

University of Minnesota extension sheep specialist, Dr. Robert Jordan, told FARM SHOW that while the Ewesplint is a clever idea, he questions how useful it would really be since, when animals get old enough to start losing their front teeth, it's also likely their back teeth will fall out and they'll be having other health problems brought on by age.

He notes that the idea may be better suited to sandy areas where the



Ewesplint fits over lower front teeth and is bonded with an adhesive.

sheep's front teeth may wear faster than normal.

The Ewesplint is available in three sizes and costs right at \$8.00. The company says that two trained people can fit a splint in 10 minutes.

For more information, contact: FARM SHOW Followup, Ewesplint Ltd., A.R. Thomson, Managing Director, 3 Cluny Gardens, Edinburgh EH10 6BE Scotland. (ph 031 447-8797).



Caddy eliminates need for extra weight in cutting through heavy trash, residue.

## PEELS STUBBORN HOG MANURE OFF SLATS

# New Scraper Nozzle For High-Pressure Washers

"It's like having two extra hired hands," says Art Nehring who uses a new home-built scraper that fits the end of a high-pressure wand to clean hog pens at double or triple the rate it used to take with a hand-held scraper.

Nehring has had trouble for years in his oldest hog barn which has a solid concrete floor. He first designed a huge scraper to fit a skid-steer loader (featured in FARM SHOW 1½ years ago) to get the heavy stuff but he still had trouble finishing the job.

"A high-pressure washer alone does the job but it causes the manure to constantly ricochet back into the operator's face. It's a long wet job," he explains.

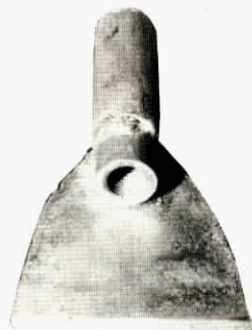
His solution consists of a simple 3-in. wide metal scraper that fits the end of his pressure wand. He unscrews the nozzle from wand, slips the wand into the scraper shaft, and refastens the nozzle to the wand.

"Wherever the scraper lifts the manure, a steady stream of water shoots under it, lifting it quickly and cleanly. Using a 300 psi washer, it'll clean up thick layers of manure in seconds that you could hack away at all day with a hand scraper," says Nehring.

Nehring fashioned the nozzle for himself out of scrap metal and a piece of pipe.

"I wouldn't use a high-pressure washer again without one. It pays for itself in the first few minutes of use," he says.

For more information, contact: FARM SHOW Followup, Arthur Nehring, 107 Michigan, Iowa Falls, Iowa 50126 (ph 515 648-2768).



Water-equipped scraper loosens and removes thick, stubborn layers of manure.