

Self-Propelled Rock Picker

"It'll pick up rocks ranging from fist size to 800 lbs.," says Minnesota farmer Wayne Juhl, of Greenbush, who built his own self-propelled, hydrostatic-drive rock picker from scratch.

"I built it because I wanted a faster machine than the pull-types which are clumsy and leave a lot of tracks in the field. I like the hydrostatic drive for its instant forward and reverse range of speed selection — from zero to eight miles per hour — and because there's no clutch to wear out," Juhl explains.

The rig has power steering and planetary wheel drive. Tines on the 3-ft. wide front loader are spaced 4-in. apart.

The loader bucket dumps rocks into the hopper, made from 3/4-in. thick oil pipeline. Rocks are then dumped from the hopper into the desired spot.

The 3-wheeled rig has a 56-hp Isuzu diesel engine and a 30-gal. hydraulic reservoir. The front wheels (15L-16 tires) were purchased new and put on a front axle from a 2-ton truck. The rear wheel (18 by 36 tire) is off a combine.

Juhl says it cost about \$10,000 to build the picker. He's used it more than 2,000 hours with very few repairs.

Contact: FARM SHOW Followup, Wayne Juhl, Greenbush, Minn. 56726 (ph 218 782-2536).

Easy To Use Seed Calibration Gauge

Here's an easy to use gauge for checking the seeding rate of grain drills.

Invented by Len Digney, Raymore, Sask., the gauge is a 1 1/2-in. dia. plastic tube calibrated to bushels.

To use, you release one drill spout, insert the slip-in gauge, then drive ahead a preselected rate.

Digney includes a chart for telling the proper distance. For a drill with 6 in. spacing you'd drive 150 ft., 90 ft. for 10 in. spacing and so on.

At the end of the test pass, remove the gauge and check the reading which tells you how many bushels you're seeding per acre.

Digney says the gauge is accurate for all types of seed. Sells for \$4.00.

For more information, contact: FARM SHOW Followup,



Photo Courtesy Grainsews

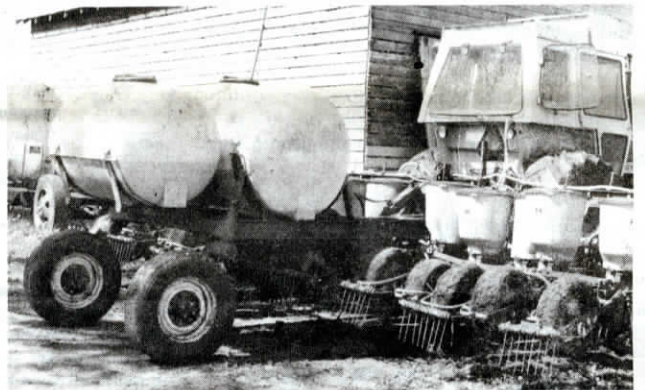
Len Digney, Box 53, Raymore, Sask. Canada SOA 3JO (ph 306 746-2013).

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Some of the best new products we hear about are "made it myself" innovations born in farmers' workshops. If you've got a new invention or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so, where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? (Send to: FARM SHOW, Box 1029, Lakeville, MN 55044).

Harold M. Johnson, Editorial Director



Tow Behind Sprayer Fits Planter, Cultivator

Roger Montag, Rodman, Iowa built himself a tag-along sprayer that fits on both his planter and cultivator.

"I like it because I can put herbicide down and apply starter fertilizer as I plant, saving a trip. I also don't have to worry about bad weather and getting back into the field to spray once the crop's up," says Montag.

The sprayer has two separate tanks — a 300-gal. tank for fertilizer and pesticides and a 150-gal. tank for starter fertilizer. He attaches the sprayer on his 8-row International 56-planter that's equipped with five inter-plant rows for planting narrow row soybeans. The sprayer fits on two short 5 by

7-in. toolbar sections (same size as the cultivator toolbar) that Montag installed near the front of the planter.

The sprayer's equipped with 360° pivoting wheels for making turns. The smaller spray tank has an electric pump and the larger tank has a pto-drive centrifugal pump. He ran hoses from each tank to each row unit and installed separate valve shut-offs to the splitter units.

The planter is mounted on the tractor's 2-pt. arms which lift the front of the planter. Montag modified the hydraulic linkage so the back of the planter now lifts off the sprayer frame.

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