



BUSINESS NEWS...

'Hoop setter' unveiled



A new Model 95 Wire Hoop Setter combined with the new Model 96 Plastic Tunnel Layer by Mechanical Transplanter turns a back breaking job into an easily once over the field operation. Only one person is needed to feed the wires into a holding station. The unit then sets the wires uniformly and the layer stretches the six inch tunnel plastic over the hoops.

Sperry skid steer owner keeps busy picking rocks

BLAISDE, ND - Bernie Wirtz lives on his skid-steer loader eight to ten hours a day. He's a custom operator providing specialized loader service about 50 miles in every direction except straight up and down from his operations base here.

Actually, he provides the service in the up and down direction. In the spring it's rock clearing. Later in the summer it's cleaning cattle yards and barns. In between times he moves dirt and does landscape work. Usually, he's booked weeks in advance.

"On summer fallow land a commercial rock picker can compete with me," observes Wirtz. "But on clearing land being broken for the first time, I have the advantage. I can start on one side and clear the area where the rock picker has to circle around the field. I can kill the picker in competition."

"There is still some virgin land in this part of North Dakota," says Wirtz. "And breaking the land really boils out the rocks."

"We had our bucket built for the job," Wirtz explains. "We used 1-inch oil-field sucker rod. It's high-

tensile steel and smooth. We shaped the rod in the profile of the bucket and placed the bars 3½ inches apart with a cutting edge at the front and a regular Sperry New Holland loader backing plate at the back to mount on the loader boom. This gives us an open basket design we can just shake to separate the dirt from the rocks. We even use this bucket for handling manure.

"We stockpile the rocks or load them into trucks or rock picker dumps to haul them to larger piles. The good visibility of the skid loader helps us keep from running over rocks and punching them into the soft ground like a conventional rock picker. The end result is a cleaner field."

"I tackled the first rock clearing job just a year ago," says Wirtz. This year I've already cleared 550 acres. And a couple of jobs are on hold until I get caught up with the manure handling. I use a large truck-mounted spreader with the loader for contract cleaning. Right now I'm booked 17 jobs ahead. I'm not sure when I can get to those rocks. Excuse me, but I've got to get going."



A skid-steer loader is ideal for rock clearance if you fit it with an open-grid "basket" bucket. The custom made bucket is shaped from 1-inch oil-field sucker rod. The rods are spaced 3½ inches apart to let dirt sift out when rocks are picked up for removal. This custom operator's machine also cleans barns and feed yards on contract using the sucker-rod bucket.

Deutz develops tough 'diesels'

MILWAUKEE - Deutz-Allis has introduced a "tough" new line of compact diesel tractors with more performance features and greater versatility while maintaining extremely competitive prices.

The new 5220 and 5230 tractors come in two-wheel drive and four-wheel drive models with choice of ag or turf tires.

Both models feature powerful, three-cylinder water-cooled Toyosha diesel engines. In the 5220, this durable, hard-working engine has 26 engine hp* and 21 PTO hp.** The 5230 delivers 31 engine hp* and 26 PTO hp.**

The fully synchronized transmission has 12 forward and three reverse speeds to handle a wide range of jobs. Speeds range from 0.4 to 10.7 mph on ag tires; 0.3 to 9.5 mph on turf tires.

The live 540 PTO is standard on all 5220 and 5230 models, allowing the operator to engage implements at full engine-driven PTO power-even while the tractor transmission is disengaged.

A variety of implements can be attached to both models with the Category I three-point hitch. Where tillage work is required, the draft control that comes standard with the Category I three-point hitch on the 5230 is ideal.

Every model comes with multiple wet disc brakes and differential lock was standard equipment.

Along with the superior performance built into the 5220 and 5230 compact diesels, Deutz-Allis offers a wide array of implement attachments.

A 60-inch, deep deck mid-mount mower with anti-scalp design is available for all models. Or, choose 60-inch and 72-inch rear-mounted mowers for 5220 and 5230.

All mowers are compatible with



The tough new diesel tractors from Deutz-Allis.

the Deutz-Allis 435 front-end loader. This model features quick cycling and can lift either 60-inch or 48-inch buckets filled to capacity to a 96-inch lift height at hinge pin. Besides the 60-inch and 48-inch buckets, there are a variety of other attachments, including manure fork buckets, pallet forks and an optional grill guard.

For tilling large areas or preparing seedbeds, the durable 48-inch rotary tiller comes with hydraulically controlled lift, heavy seven-gauge steel housing, endless roller chain drive, and hardened steel replaceable tines.

The 62-inch snow thrower, with front or rear mounting, fits all 5220 and 5230 models. High-speed

impeller and large-diameter auger remove even heavy, wet snow with ease. Adjustable skid shoes skim over gravel, and the discharge chute is easy to adjust.

Similarly, the 60 or 72-inch dozer blades are easy to attach and remove, and fit both the 5220 and 5230 models. And they are available with hydrostatic or manual angle adjust.

A new single-lever hydraulic control permits use of two hydraulic functions, like load lift and dump, for faster cycle time and reduced effort. This, too, is available on all models.

They're backed with a 2-year/1,500 hour engine and power train warranty.

AMCO markets new tools for seed bed conditioning

JACKSON, MS - AMCO Products, Portable Elevator Division, has introduced three new series of do-alls and seedbed conditioners for one-pass reduced tillage operations in preparing fields for planting. In sizes from 13 feet to 26 feet, these "SUPER-TILL" models are designed to save time, fuel, and labor by performing several tillage operations at the same time.

Farmers wishing to economize their operations will have a choice

Brubaker receives agronomy certification

MADISON, Wisc. - Michael W. Brubaker, agronomist and proprietor for Brubaker Agronomic Consulting Service, Lancaster, has been named Certified Professional Agronomist, according to Jean M. MacCubbin, director/coordinator of the American Society of Agronomy, Crops and Soils (ARCPACS).

To become certified, candidates must meet rigorous academic, ethical, character and professional experience standards.

Brubaker, 28, earned a B.S. degree in Agronomy in 1981 from West Virginia University. He and his wife, Cindy and daughter Alyson live in Latitz.

of three basic series and twelve models from which to choose. The STO series is designed to work on bedded or ridged fields. This pull-type do-all features a five-bladed spiral reel for chopping residue, pulverizing clods and incorporating chemicals in the bed. The reel is followed by five independent rows of heavy spike tooth harrows for additional incorporation and pulverizing action.

Two series are available with either "Live Leaf" heavy duty field cultivator shanks with five-year warranty or S-Tine Danish shanks with three-year warranty. The ST2 series offers a choice of either shank on two rows mounted

forward of the spiral reel. The ST3 offers the shank choice on three rows mounted forward of the reel. Both shank models offer the greatest trash flow clearance available on the market. All shanks are mounted on 3" frame members.

All models feature "UNI-RAIL" tubular main frames with integral construction for frame strength with up to 60 times greater torsion resistance than some competitive models. SUPER-TILL main frames are fully adjustable for fine tuning performance to achieve desired field results.

The new SUPER-TILLS offer the greatest advancement in seedbed conditioner designs in many years.

New hitch introduced



Mechanical Transplanter of Holland, MI has introduced a new Float Wheel Hitch Assembly for its Model 4000 and 6000 Metering transplanters. This floating wheel firms the soil directly ahead of each unit, thus allowing the unit to plant at a uniform depth in all types of field conditions. The hitch also allows each unit to float independently to give the optimum performance and spacings.

