

No-till refinements listed

NEWARK, Del. — No-till has become such a popular production practice in Delaware that the state now leads the nation in percentage of total no-till acreage. Having helped introduce this cropping system to local growers over the past decade, University of Delaware extension specialists today are busy developing refinements which will further increase its benefits. Among problems to be solved are soil compaction and poor seed germination — especially corn — in cold, wet ground. Better weed control programs for no-till corn and full-season no-till soybeans are also needed.

Extension agronomist Frank Webb, has devoted much of his time in recent years to developing such production refinements. He believes one way to get faster seedling emergence and more uniform stands may be to modify the seedbed, using an in-row subsoiler. This appears to improve seedling emergence and subsequent yields, particularly in no-till corn.

The process involves running a shank into the soil to a depth of 8 or 16 inches directly beneath the row immediately before planting corn or soybeans. Except for this in-row tillage, farmers would follow a regular no-till program. In field trials over the past two years results have been very promising, Webb says, and he will be investigating the program further this summer.

Farmers who grow no-till corn will have some new herbicide options this year, the specialist

reports. He has been studying the use of Bladex in a no-till production system and says the chemical has been cleared for this use on corn for the 1984 growing season. The material is effective on both broadleaved and grassy weeds when applied as recommended in combination with other soil residual chemicals.

"We have found that when used at the proper rates on weeds at the proper height, we can get very effective control of existing

vegetation as well as very acceptable season-long residual weed control," the specialist says.

Webb also is working on a similar herbicide program for full-season no-till soybeans. Effective weed control is critical with this cropping system, which is gaining momentum on Delmarva, particularly in Delaware. He is investigating the use of Bladex in combination with other residual materials — particularly Surflan — as part of a total cropping plan.

Bladex won't be cleared for this use in 1984, the specialist says, but what he has in mind is a program which involves its use alone or with Surflan roughly four weeks in advance of planting. "With this combination we can get vegetative burndown of existing weeds plus season-long grass control," he says, "so the program could enhance the acceptance of full-season no-till soybean production here in Delaware."

For this year, since Surflan already is cleared for this use, he recommends growers consider trying it in combination with 2,4-D

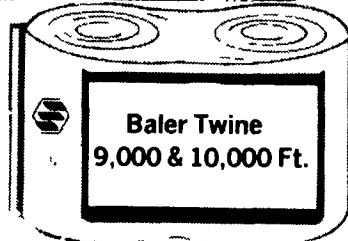
as an early pre-plant (EPP) treatment to eliminate troublesome grasses and many existing broadleaf weeds. These materials can go on 30 to 90 days before planting. Check fields at planting to determine if a burndown treatment is needed then. Also at planting, Webb recommends applying LoroX for residual broadleaf weed control. The specialist is preparing a fact sheet which will provide details on the new use of Surflan. Copies should be available soon at county extension offices in Newark, Dover and Georgetown.

Quality and Prices Makes Herr's Better Than Theirs

Grass Seeders & Fertilizer Spreaders



	Sale	Reg.
3 Bu. Seeder	\$259.95	\$289.95
5 Bu. Extension	\$59.95	\$69.95
3 Bu. Extension	\$39.95	\$49.95
10 Bu. Seeder-Spreader w/Poly Hopper	\$595.95	\$649.95



Every ball Guaranteed

BALER TWINE EARLY ORDER

\$16⁷⁵ a bale \$17⁰⁰ a bale
50 or more 10-50 bales

- 40 lb. Bale
- Brazilian
- Fully treated

3 Point Rear Mount Box Scraper

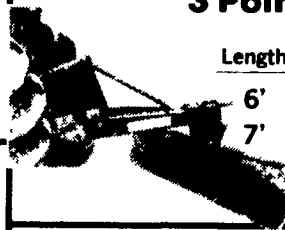
- 6'
- Cat 1
- BS-72



Reg. \$539.95 **\$499⁹⁵**

3 Point Blades

Length	HP	SALE	Reg.
6'	35	\$197 ⁹⁵	\$239.95
7'	65	\$395 ⁹⁵	\$459.95



SAVE UP TO 30%

On Manure Spreader Aprons w/Gratz Chain & Silage Wagon Aprons

TRUCK LOAD WIRE SALE!

WOVEN WIRE



BARB WIRE	Gauge	Reg.	SALE
2 pt.	12½	39.95	31.88
4 pt.	12½	41.95	33.88
TEE POSTS	Reg.	SALE	
5½'	2.69	2.19	
6'	2.89	2.29	
6½'	3.09	2.49	
Rod Electric Posts	.79	.59	

Height	Stay Space	Filler Ga.	Reg.	SALE
32	6"	12½	75.95	\$ 68.95
32	6"	11	89.95	\$ 82.95
39	6"	12½	85.95	\$ 78.95
39	12"	11	89.95	\$ 82.95
47	6"	12½	89.95	\$ 82.95
47	12"	11	99.95	\$ 92.95
47	6"	11	129.95	\$118.95

NEW JOHN DEERE EQUIPMENT Pre-Season Sale



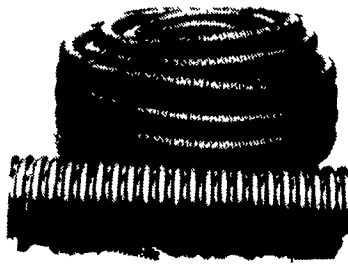
WAIVER OF FINANCE UNTIL 1/1/85 ON TRACTORS

- JD 2550 Tractor MFWD
- JD 4050 Tractor Sound-gard body, MFWD, Power Shift
- JD 4250 Tractor Sound-gard body, MFWD, Power Shift
- JD 148 Loader Mountings- (2840-2940)
- JD 260 Loader Mountings- (2840-2940)
- JD 37 Loader 60" Bucket only
- JD 75 Loader Bucket only - 53"
- JD 3R 30" Corn Head
- JD 550 Sprayer 40 Ft. Boom
- 2 - JD 7000 Planters (6RW) Conservation, Coulters, Dry Fert., Insect. Att.
- JD 1440 Planters (4RW) No-Till Planter, Coulters, Plateless Units, Dry Fert.
- JD 450 Hydr-Push Spreader Hyd. Endgate
- JD 660 Spreader Upper Beater
- JD 8200 Grain Drill 18x7 Plain Drill, Gauge-o-Matic Opener, Grass Seed Att.
- JD 8250 Grain Drill 14x7, Fert. & Grain, Double Disk Opener, Grass Seed Att.
- JD 1600 Plow 4 Bottom, Spring Reset, 18" Coulters
- JD 1610 Chisel Plow 12 Ft., (3 Pt.), Gauge Wheels, Spring Trip Standard
- JD 506 Rotary Cutter 5 Ft., (3 Pt.)
- JD 606 Rotary Cutter 6 Ft., Slip Clutch Drive, 3 Pt. Hitch
- JD 1008 Rotary Cutter Pull Type (10 Ft.)
- JD 225 Disk Harrow 10'6" - Offset, 24" Blades
- JD 115 Disk Harrow 11'5" - Double Off set, 20" Blades
- JD 315 Disk Harrow 12'10" - Double Off set, 24" Blades
- JD 6620 Side Hill Combine JD 215 15 Ft. Flexible Grain Head
- JD 643 6 Row Corn Head

CALL TODAY FOR SPECIAL PRICES

WENGER IMPLEMENT, INC.
RD 1/Quarryville
Buck, PA 17566
717-284-4141

Where in earth could you use ZDS?



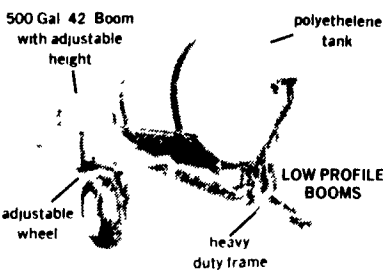
4" & 6" Solid or Perforated
Also available in 8", 10", 12", 15", 18"

- Wet Spots • Poor Yielding Crops
- Root Development • Curing Erosion Problems
- Hillside Seeps • Terrace Drainage
- Water Table Control

With land prices the way they are, if you want to make more money, you've got to get more out of the land you've got. It's as simple as that.

QUANTITY DISCOUNTS

CAMPBELL SPRAYERS

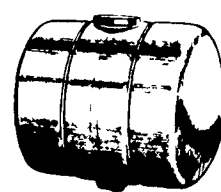


Before You Buy - Check Our Heavy Duty Frames There Is A Difference

- All sprayers less pumps
- Trailers less tires
- All sprayers priced - completely assembled

	Reg.	SALE
200 gal. 3 Point	\$839.95	\$729⁹⁵
200 gal. Trailer	\$998.95	\$929⁹⁵
300 gal. Trailer	\$1199.95	\$1099⁹⁵
500 gal. Trailer Single Axle	\$1649.95	\$1499⁹⁵

SAVE NOW ON POLY TANKS



Gal.	Reg. Price	SALE
25	\$ 55.95	\$49.95
55	\$ 69.95	\$62.95
110	\$119.95	\$99.95
200	\$159.95	\$139.95
300	\$199.95	\$179.95
400	\$269.95	\$249.95
500	\$289.95	\$269.95

Also Available - Uprights 65, 550, 1050, 1250, 1550 Gal.

3 Point Bale Spear & Carriers

Load Lb.	SALE	Reg.
Spear	\$126 ⁹⁵	\$139.95
Bale Fork 1500	\$179 ⁹⁵	\$199.95
Bale Fork 3000	\$239 ⁹⁵	\$269.95



SPECIALS EFFECTIVE THRU APRIL 21

We UPS Anywhere - Just Call 717-464-3321 Or Toll Free (Area Codes 717 & 215)

1-800 732-0053



Store Hours: Mon.-Thurs. 7:30 AM - 6:00 PM Sat. 7:30 AM - 5:00 PM Fri. 7:30 AM - 9:00 PM