

Business News

Cultivator Cuts Through Residue For Quality Seedbed

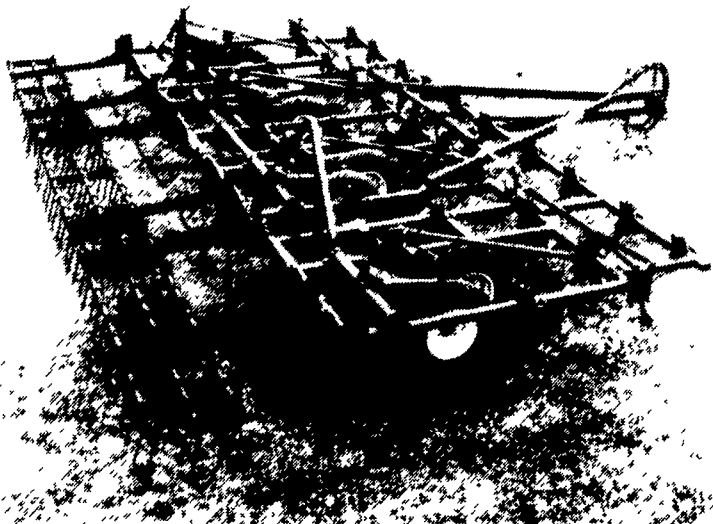
EXCELSIOR, Minn. — Farmers can now meet compliance requirements and produce a quality seedbed in high residue fields with the new Glencoe FC3500 field cultivator.

The FC3500 has excellent trash clearance because shanks are mounted on five bars with 30" between rows and 7" on-center. Underframe clearance is 21".

Choose from several ground tools to thoroughly aerate the soil, incorporate fertilizer and herbicides, and create a level, uniform seedbed for excellent germination and plant development.

The rugged FC3500 has 3" square main frame and a heavy duty 4" hitch that extends the full depth of the machine for added strength. Walking tandems with bolt-in spindles and the positive mechanical depth control assures smooth machine operation and uniform depth control.

Seven models of the FC3500 are available, with working widths from 21' to 44'4". All models car-



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ry Farmhand's new five-year frame and shank leaf guarantee. Optional leveling attachments include a five-bar flexible spike tooth harrow and three-bar and

five-bar coil tine harrows.

For more information, contact Farmhand, Inc., P.O. Box 1500, Excelsior, MN 55331, (515) 236-6571.

American Cyanamid Signs Research Agreement

PRINCETON, N.J. — American Cyanamid Company's Agricultural Research Division has signed an agreement with the University of Georgia Research Foundation, Inc. to develop insect

baculovirus technology for use in improving the efficacy of these viruses as insecticides.

Baculoviruses, a group of naturally occurring viruses that attack only specific insects, have

been used in the past for insect control. However, many are too slow acting and, consequently, only mildly effective under field conditions.

Advances in molecular biology now allow modification of baculoviruses to improve the natural process. Cyanamid researchers anticipate that this collaboration will lead to successful development and commercialization of viral insecticides with improved efficacy.

Based on the agreement, the University of Georgia and Cyanamid scientists will work together to improve insect control provided by naturally occurring baculoviruses.

Dr. Lois Miller, professor of entomology and genetics at the University of Georgia, a leading expert in baculovirus research, explains that biological insect control is expected to make more "tools" available to farmers.

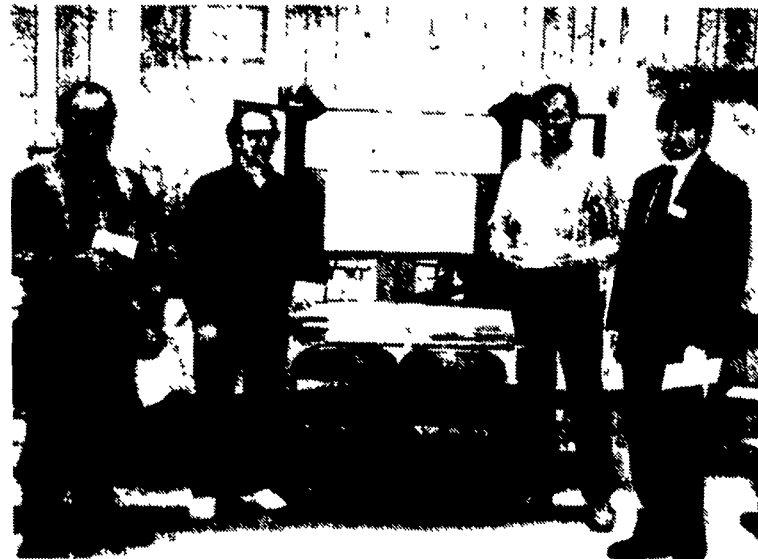
She said, "You can argue all you want that farmers should not use pesticides, but there has to be an alternative. Otherwise, insects will be a major competitor for the human food supply and a lot of people will starve."

Dr. Dennis Ciarlante, associate director, crop protection discovery at American Cyanamid's Agricultural Research Division, said, "One reason why we are excited about this area of research is that baculoviruses are highly selective bioinsecticides and pose no threat to humans, wildlife, or non-target insects. We believe our research collaborations reinforce Cyanamid's commitment to our customers and the public to provide safe and effective crop protection products."



NEW HOLLAND (Lancaster Co.) — Last week, more than 120 farmers attended a Dekalb alfalfa growers educational seminar. John Alwine, Middletown, honored for more than 50 years of service to the company, displays an old Dekalb 1955 seed bag with the corn hybrid, 422-MR-C. At that time, corn was sold in bushel bags (56 pounds each).

Dairy Days Winners



YORK (York Co.) — Evan Burkholder was the big winner at the 1992 Franklin County Dairy Days held recently at Kauffman Station.

Burkholder received \$100 in cash plus \$100 toward the purchase of a York Farm Credit Financial Management Service Package.

Titus Martin, Fred Rice and William Swales were also winners of \$100 cash prizes sponsored by York Farm Credit during this event.

In photo, from left to right, Evan Burkholder, Titus Martin, and Fred Rice receive prizes won at Franklin County Dairy Days from C. Daniel Brogdon, executive loan officer for York Farm Credit. Missing from photo: William Swales.

Compact Design Goes Into Skid Steer

OWATONNA, Minn. — Mustang Manufacturing Company, Inc. has introduced a new skid steer loader, the 921, to its 900 series.

This compact loader has an SAE load rating of 850 pounds and is just 48 in. wide. Powered by a 21 HP Onan gas engine, the hydrostatically driven 921 skid steer has a breakout force of 1,500 pounds and an axle torque of 2,800 ft. pounds.

"This machine can be the perfect unit for farmers, small landscaping or nurserymen and municipalities, as well as smaller dealers and rental centers," said Mike Spear, Mustang's vice president of marketing and sales.

"Its size allows to be very maneuverable and versatile for rural applications," he said. "And because it has a gas engine, the 921 loader can be serviced by the owner/operator. You don't need a

diesel mechanic or have to take it someplace else to be serviced."

The 921 loader is the gas-powered version of Mustang's diesel-powered 920 loader, and it has all the same features operators expect from Mustang, including:

- T-Bar steering, which gives the operator full motion control through a single lever.
- Neutral centering and neutral start system for safety.
- Lift arm locks designed into ROPS/FOPS structure.
- Fast-A-Tach bucket mounting system.
- Vandal-proof engine compartment.

Other skid steer loaders in Mustang's 900 series are the 920, 930, 940 and 960, with SAE load ratings ranging from 850 pounds to 1,700 pounds. All are powered by diesel engines and hydrostatically driven. Specific data for the series includes:

	920	930	940	960
SAE load rating-lbs.	850	1,000	1,350	1,700
Breakout force-lbs.	1,800	1,975	4,100	5,000
Axle torque-ft. lbs.	3,160	3,175	4,300	5,850
HP@ rated RPM	19	28	38	57.5

Mustang also markets material handlers, compaction equipment, and self-propelled aerial work platforms.



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