



The narrower width of Kubota's L4150 DTN gives it greater maneuverability in tight quarters.

Kubota Expands Tractor Line By Narrowing Width

COMPTON, Calif. — Kubota Tractor Corporation has recently introduced the L4150 DTN, five cylinder, four-wheel-drive, diesel-powered tractor designed specially for narrower crop rows. This mid-sized L-Series model features a 142 cubic-inch, 50 horsepower (40 PTO Hp) engine.

The L4150 DTN has eight forward and eight reverse speeds, and a partially synchronized mechanical 8 x 8 transmission is standard.

The decreased overall width (52 inches) allows for greater maneuverability in tight spaces such as narrow rows or livestock

confinements. Applications for the L4150 DTN model include vineyards, farming, park and grounds maintenance, landscaping, utility and nursery work. Kubota also offers a compatible implement specific to each type of task.

Standard safety features include a safety start switch, parking brake and an electric key shut off, ROPS and seatbelts.

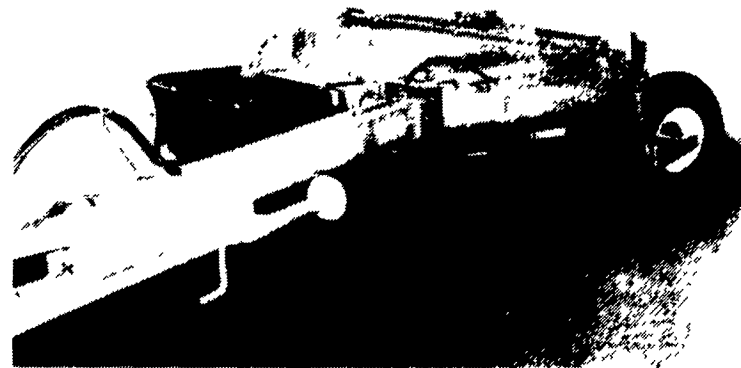
For more information about these tractors, or other Kubota products, please contact Kubota Tractor Corporation at 550 W. Artesia Boulevard, Compton, CA 90220.

Hesston Offers 3 New Mower-Conditioners

HESSTON, Kan. — Hesston Corporation has extended its line of rotary disc mower-conditioners with the introduction of three models. The new Models 1040, 1050 and 1060 join the Model 1030 to increase Hesston's offering in this rapidly growing market segment.

The Model 1040 has a seven-foot, six-inch cutting width and is capable of cutting up to six acres per hour. The Model 1050 can cut up to seven acres per hour and has a nine-foot cutting width. The big Model 1060 has a ten-foot, six-inch cutting width and is capable of cutting up to eight acres per hour. Cutting speed depends on crop and conditions, Schaible noted.

All Hesston Rotary Disc Mower-Conditioners feature full-width conditioner rolls, which are adjustable to fit different crop conditions. Hesston's conditioning rolls help shorten crop drying



One of three new rotary mower-conditioners from Hesston, the model 1050 has a nine-foot cutting width.

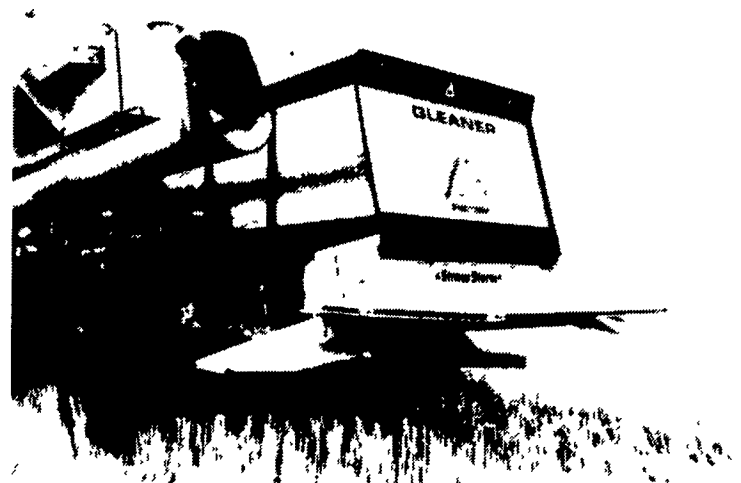
time. Hydraulic tongues allow for a smooth transition from road to field position and wide-angle drive lines help insure smooth operation on turns. Like all Hesston mower-conditioners, the new models can quickly and easily be converted from windrowing to swathing.

Gehl Attachments Distribute Residue

WEST BEND, Wisc. — Gehl Company's new Straw Storm and Chaff Storm combine attachments are designed to evenly distribute crop residue as it leaves the combine.

"Bigger combines can leave bigger problems with concentrations of straw and chaff or corn cobs," states product manager Terry LeFever. "The problem is especially acute where crops are double-windrowed before combining. Heavy doses of decomposing trash use up too much nitrogen. In fact, heavy concentrations of some chaff, such as flax, can temporarily poison the soil. Straw Storm can be adjusted to chop and spread that residue across widths from under 25 feet to over 55 feet. And it spreads evenly."

According to LeFever, "Straw Storm helps ensure uniform seed penetration by no-till drills and other planting equipment. And it also protects valuable top soil from wind and water erosion."



Gehl's Straw Storm helps to eliminate heavy strips of residue that can hinder next year's crop development.

Straw Storm models are made to fit large combines including Case-IH, John Deere, Deutz-Allis, Massey Ferguson and Ford-New Holland models. The unit fits underneath the normal discharge area and is powered by the combine's drive pulley.

The Chaff Storm unit attaches in front of conventional choppers or spreaders and handles all residue coming off the chaffer shoe on many John Deere, Massey Ferguson and Deutz-Allis combines.

Farm Credit Names 2 To Board

WASHINGTON — Frank W. Naylor, Jr., and Marvin R. Duncan have been formally sworn in as members of the Farm Credit Administration Board. At ceremonies held here June 16, Secretary of the Treasury James A. Baker, III, administered the oath of office.

The two were appointed by President Reagan and confirmed by the Senate May 21. The President designated Naylor chairman and chief executive officer. A third member is yet to be named.

The board is responsible for approving necessary rules and regulations to implement the

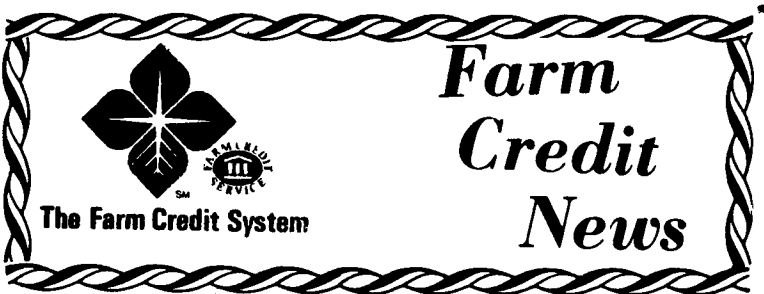
Farm Credit Act of 1971, as amended, and providing for the examination and general regulation of the institutions of the nationwide Farm Credit System, which have \$64.8 billion in loans outstanding.

Naylor has been Under Secretary of Agriculture for Small Community and Rural Development since May 20, 1981, and served as Acting Secretary of Agriculture for several weeks. As under secretary, he exercised general supervision over the Farmers Home Administration, Federal Crop Insurance Corporation, Office of Rural Development Policy, and Rural Electrification Administration,

which includes the Rural Telephone Bank.

Duncan joined the Farm Credit Administration on Aug. 12, 1985, as senior deputy governor, responsible for strategic planning and assisting in representing the agency to the Administration, the Congress, the Farm Credit System, the financial community, and the public.

The Farm Credit Administration Board was created by the Farm Credit Amendments Act of 1985, which abolished the 13-member, part-time Federal Farm Credit Board and the position of Governor of the Farm Credit Administration.



York Farm Credit Names Loan Officer

YORK — Thomas W. Earp has been named to the position of Senior Loan Officer for the York Farm Credit Service, according to James K. Sigler, Branch Manager.

Earp, a native of Mifflin County, was previously employed by PFA-Farm Management Services, where he provided farm management and accounting service to 115 farmers. In addition, he held the position of vo-ag instructor at Dover Area High Schools and served as advisor to the Dover Young Farmers. Earp received his BS Degree in Ag Education from Penn State University.

Farm Credit is a nationwide credit cooperative which lends money to farmers, farm related businesses, and rural home owners. The York Farm Credit Service is part of the Baltimore District, one of twelve districts

throughout the United States and Puerto Rico.



Thomas Earp

Computers Aid Proper Chemical Application

MOLINE, Ill. — Farmers are using tractor-mounted computers and radar sensing units and displays to measure how fast tractors move, and that improves both tractor performance and the efficiency of field operations. This space-age technology helps tractors cope with the conditions in which they operate.

Automobiles travel on solid surfaces, like paved highways, so their tires don't slip. But tractors operate in fields, on loose soils, where there is less traction. The wheels spin, or slip.

John Deere's new line of tractor Performance Trak monitors utilizes a radar unit mounted on the underside of the tractor frame. It works like the radar highway

patrolmen use. The major difference is that the highway patrolman is sitting still and the radar measures the speed of the approaching car. On the tractor, the radar unit is moving along with the tractor, and it reads the speed at which the field passes below.

This accurate speed measurement is important in such farm operations as applying agricultural chemicals. The amount applied to a given area is a function of the amount of chemical going through the sprayer nozzles and the speed of the tractor. If the amount of chemical sprayed through the nozzle remains constant but the tractor is moving too slowly, too much chemical will be applied; wasting expensive

chemicals and perhaps hurting yield. If the amount remains constant and the tractor is moving too fast, inadequate amounts will be applied and control of weeds or insects may suffer.

The new John Deere Performance Trak monitors can also be programmed by inputting the width of the implement or sprayer boom. They will then tell the operator how much area he has worked and can convert this to area worked per hour.

It will also measure and report wheel slip, telling the operator to add or reduce weight to achieve the best efficiency, from the standpoint of the fuel consumed per acre of work.