

# Farm Business News

## Holloway heads Md. Farm Bureau

RANDALLSTOWN, MD. — The Board of Directors of Maryland Farm Bureau has appointed Henry Holloway of Darlington, Harford County, as president, following the resignation of Leon Enfield.

Enfield, who left the position for personal reasons, has been re-elected for a two year term in December, 1982.

Holloway was first vice president, and has served as a vice president of the largest farm organization in the state during the past eight years. He is a former president of the Harford County Farm Bureau.

In addition to currently serving as a director of the Maryland State Fair & Agricultural Society, he has been a member of the Maryland Ag Commission, Chairman of the district Soil Conservation com-

mittee, and legislative committee chairman and director of the Harford County Chamber of Commerce.

Holloway and his brother, Richard, farm 850 acres near Darlington, with 80 beef cows and 80 brood sows. They feed out 250 head of cattle and sell about 1,000 feeder pigs each year.

Holloway and his wife, Barbara, have been 4-H leaders for many years, and each of their four children are active in the youth organization. Henry Jr., 23, is a graduate of V.P.I. and serves as fieldman for the Hampshire Swine Association. Teresa, 20, is a student at Loyola College in Baltimore, while Judy, 18, and Andy, 11, are high school and elementary students, respectively.

## Deere develops round baler monitor

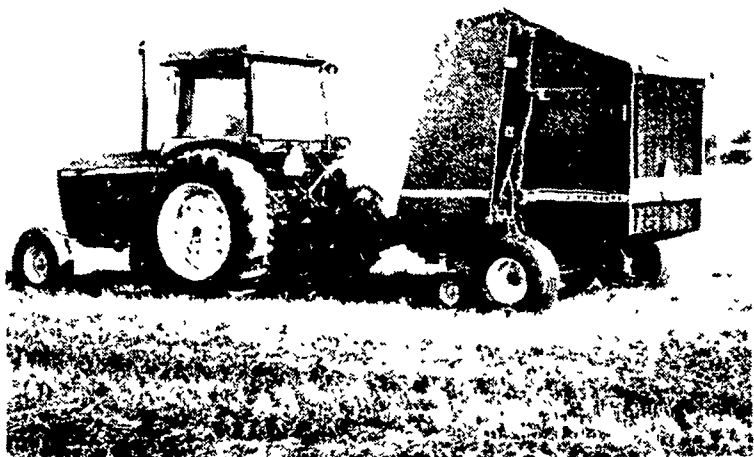
MOLINE, Ill. — John Deere has developed an exclusive Bale-Trak monitor on new 430 and 530 Round Balers.

A green light on the monitor tells the operator the rear gate is closed, latched and ready for baling. Two dials help direct the driving course along the window. One monitor senses belt slack on the right side of the belt chamber caused by a lack of material and the other performs the same function on the left side. Both dials have needle indicators which report the amount of material on either side and, by so doing, indicate whether the operator should feed to the right or left of even the bale. By keeping the needles lined

up even with each other when finishing the bale, uniformly shaped bales are produced.

The monitor also tells the operator when the forming bale approaches a pre-set size. At this point, a yellow light flashes, telling the operator the bale is within 6 inches of the pre-set size. The yellow light turns solid when the automatic twine wrap has been activated. If the operator fails to stop, a red light flashes on and an audible warning sounds.

Both the 430, which produces 4-foot-wide bales, and the 530, which produces 5-foot bales, are adjustable to produce 39 inch to 72 inch diameter bales.



New John Deere 430 and 530 Round Balers feature an exclusive monitoring system as standard equipment.

## Improved plastic mulch cited

FORTY FORT — A new thinner, stronger and less expensive product for plastic mulching vegetable operations has been announced by Penn State Seed Company, a major distributor of plastic mulch in Pennsylvania.

The new product is called LLPDE, Linear Low Density Polyethylene, which is manufactured by Union Carbide.

The LLPDE film is one mil thick, as compared to one and one-half mil low density plastic mulch, which has been in use. The new product is not only one-third lighter but is superior in strength and conforms to the soil profile much better.

Rufus Martin, of Port Treverton, used the linear low density film last year on a trial basis and found it much improved.

"It is much stronger," Martin said, "and I had no problem taking it up."

Costs of the Linear Low Density film is also about one third lower than the previously used plastic mulch.

Jim Harkins, of Penn State Seed, cautions growers about making certain they are getting the proper new thinner and stronger film.

"There is a lot of plastic coming on the market, which is not up to quality standards," he said.

## Kubota announces 4 new ag tractors

LOS ANGELES, Ca. — Four all-new M Series agricultural tractors, ranging in PTO horsepower from 47 to 76, are being introduced to the U.S. market by the Kubota Tractor Corporation.

Designated the M4950, M5950, M6950 and M7950, respectively, the new models feature improved engine efficiency in the widely-acclaimed Kubota diesel engine. These engines are characterized by increased torque rise along with fuel efficiency and reliability. Fuel tank capacities of 13.5 and 26.4 gallons allow operators to go a full working day without refueling. Two-wheel-drive (2WD) or four-wheel-drive (4WD) is available on all four new models.

A new transmission fully synchronized in each range gives 12 forward and four reverse speeds. Kubota's long-established 4WD, producing up to 35 percent more pulling power than a comparable 2WD, features a bevel gear system assuring smooth, full power transfer to the wheels at all steering angles and provides a very tight turning radius. A center drive system and front final drives provide better crop clearance, while a one-piece axle case assures great durability.

A large operator's floor deck, simplified controls and a deluxe seat improve operator comfort. A tilt steering wheel with power

steering is featured, while a fully-enclosed cab is available on all four new models, with optional air conditioning on the top three.



Kubota's new M5950DT features improved engine efficiency and shift-on-the-go transmission.

## Fire detection system designed for ag

HARRISBURG — A fire detection system has now been devised specifically for agricultural buildings, according to Ag-Vance Controls, Inc., of Darien, Wisc.

The Ag-Vance System is specifically designed to withstand the dust, moisture and ammonia found in many barn environments and remain sensitive to heat.

The system features two types of fire detection. Rate-of-Rise Detectors are particularly sensitive to spontaneous combustion and flash fires and respond to a

five-degree rise in temperature in just 20 seconds.

The system also has Line Heat Sensing Cable that detects electrical overheating around service panels, fans or motors.

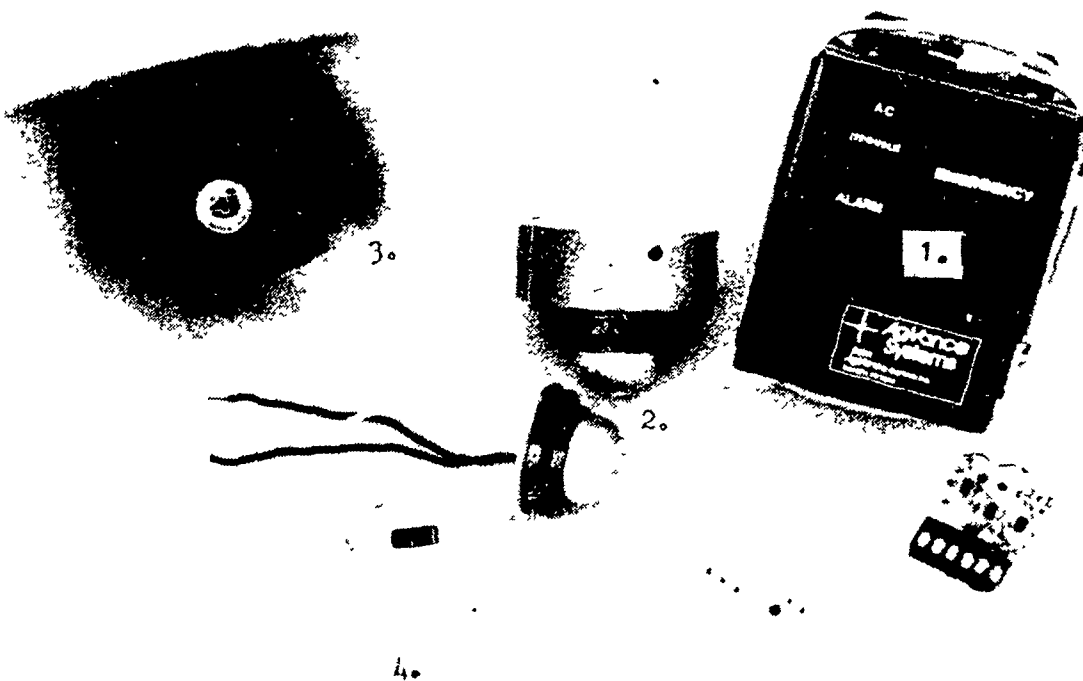
The system's control panel includes solid state circuitry and protective gaskets to seal out dust, moisture, gases and insects. Circuit breakers, fuses and lightning suppressors protect against power surges. In case of power loss, batteries provide emergency power for up to 40 hours and when power is restored, the batteries are recharged.

The rate-of-rise detectors can monitor up to 2500 square feet of space. The system can also be equipped with an all-weather siren for exterior mounting and a plug-in remote home alarm.

Approximately 700 systems have been installed in the Mid-West, according to Timothy R. Bliss, president of Ag-Vance.

One of the systems is contained in the Arthur Glatfelter operation in York County.

Ag-Vance representatives in Pennsylvania are Badger Associates, of New Brighton.



Major components of the Ag-Vance fire detection system include 1. Sealed Control Unit; 2. Rate-of-Rise detectors; 3. Outside Siren; and 4. In-home remote alarm.

"It is recycled plastic and tears easily causing a lot of problems."

Some companies are attempting to make LLPDE mulch, but it is not a true LLPDE film and is reported to be inferior in strength.

Thus, it is best to know your supplier, advises Harkins.

The thinner, stronger LLPDE is also much easier to handle. While the conventional low density mulch

weighs 115 lbs. in 4,000-foot rolls for sweet corn growers, the new LLPDE weighs only 77 lbs. per roll.

Since plastic film is priced by the pound and both the LLPDE and the low density film cost the same, the half-mil thinner yet stronger LLPDE amounts to a one-third saving for the grower.

## York

### pesticide meeting

YORK — A pesticide license update meeting will be held on Wednesday, at 7:30 p.m. at the York County Extension Office Meeting Room.

If private applicators license has expired in 1981, 1982 or will expire in 1983, attendance at a crops meeting or an update meeting is required to renew the license.