Nhat's Nev

A condensed, two-color flyer from RegO describes the Model LD Combination Welding and cutting outfit.

Ideal for light-to-mediumduty operations, the Model LD outfit includes a welding torch, universal mixer, three welding tips, cutting at-tachment, acetylene cutting tip, two-gauge acetylene regulator, two-gauge oxygen regulator and a welding and cutting manual. A deluxe kit also includes a 10-foot dual welding and cutting hose, goggles and round file lighter.

Hobbyists, metal sculptors, schools, garages, body and fender shops, welding and brazing shops, air conditioning and refrigeration services, and pipe welders will find the Model LD combination outfit designed especially to their

The Model LD Equipment can weld steel from 3-32 to 5-16 inch thick, and can cut up to ½-inch steel.

Additional tips are available to permit a welding range of .015 to 5-16 inch steel, and cutting steel up to two inches thick.

For more information and a copy of the Model LD flyer, write RegO, Welding Products Division, 4201 West Peterson Avenue, Chicago Illinois 60646.

RECORD BOOK **AVAILABLE FROM** STAUFFER

A fruit spray record book is available from Stauffer Chemical Company designed to provide growers with an organized method of keeping exact records on the timing and content of sprays used in the orchard.

The 28-page "Stauffer Fruit Spray Record Book" also details the use of Captan and Folpet fungicide and Imidan insecticide. All three chemicals work well in integrated pest management and are easy on beneficial insects and mites.

Special consideration is given to the control of apple scab, a perennial orchard problem. Tables show the number of days required for scab to appear after inoculation and a correlation chart helps determine the effects of temperature and length of wet period on the disease. Other fruit diseases are also discussed.

Stauffer booklet No. A-10655, is available from Stauffer Chemical Company, Ken Powers, Agricultural Chemical Division, Westport, Conn. 06880.

READ

The Silent Sentinels Of Modern Farming

Most everyone is now familiar with the science of electronics. solid-state Transistor radios and TV sets are just a couple of its applications found in many

Presently, an era of electronics is dawning in agriculture. More and more uses are being incorporated into the building of farm machinery and other phases of modern agriculture.

Such "Silent Sentinels of Modern Farming" are complementing and improving the care and efficiency traditionally exercised by farmers to increase their productivity of food and fiber.

These silent sentinels may not have the nostalgic glamor of the traditional agricultural guardians, but the growing roles they are beginning to play are just as important.

They don't have the pastoral beauty of a young Colo-nial "cowkeep" equipped with horn, moving all of the cows of an entire town back and forth daily to community

Or the legendary romanti-



Tiny solid-state module (inset) is the electronic heart of the "silentsentinel" of modern forage harvester.

cism of a cowboy and horse lowing situation. slowly moving beneath a starry sky around a huge herd of cattle.

Today's electronic guardians are inconspicuously hidden within the complex machinery of sophisticated modern farm equipment. Silently they keep a constant vigil, reacting in a fraction of the time it would take a human to perform the same task-if they could.

A farmer is through a field, utilizing a forage harvester to make haylage for winter feeding. Unknown to him, a broken rake tooth lies hidden in the windrow ahead. He can't see the foreign piece of metal and even if he might at the last minute, how could he stop the harvester in time?

Now, the combined efforts of Sperry New Holland, farm Consider how a human equipment manufacturer, might try to handle the fol- and the Sperry Research

Center, with an extensive background in space-age a silent sentinel for a forage

It's called an -electronic metal detector, designed to help prevent damage to the harvester and reduce hardware disease in animals.

Injust 1/20th of a second, it will detect ferrous metal and shut down the harvester before the metal can damage the machinery or get into the animal feed. That's faster than any human could possibly react.

Or electronics can be found in the monitoring systems of modern combines, like the Sperry New Holland Twin Rotor TR-70. Electronically and automatically 10 different functions of the combine are- monitored and the operator is warned of possible operational difficulties.

These are but two examples of the growing importance of electronics in agricultural equipment. There will be many more in years ta

These are the "silent sentinels of modern farming."





Know Where the Activities Will Be? **Read** the Farm Women Calendar.

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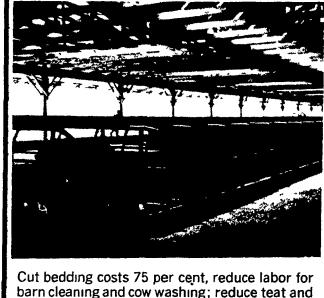
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For prices, contact: Fred Frey, Mgr.

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