

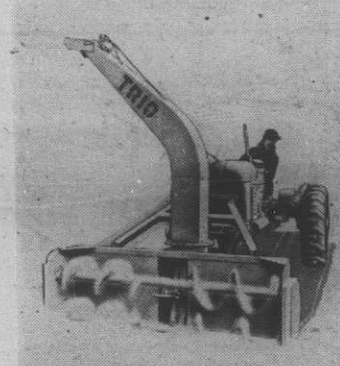
New Products

Farm and Home Equipment

HARD 'N TUFF is a new steel hardening compound made by the Doughty Laboratories, Inc. It is said by the makers to be able to increase the life of farm machine parts or tools by as much as 300 percent. The Hard 'n Tuff process adds certain ingredients which are fused into the steel, thereby making the outer surface a far higher quality of steel, while allowing the core to remain tough and flexible.



TERRALAC—A new development by Charles Pfizer & Co., Inc., permits feeding of pigs within 48 hours after they are born. Makers assert that removal of the pigs from the sow eliminates danger of crushing. Antibiotic content of the product decreases mortality from disease and increases growth. All pigs of a litter can be saved regardless of the sow's capacity to suckle, runt pigs are eliminated and sows can be bred within a few weeks.



ROTARY SNOW PLOW—The Trio 6-foot rotary snow plow fits most every make of farm tractor or can be mounted on a truck or jeep where an auxiliary engine can be used to drive the plow. Made by the Dahlman Equipment Sales Co.



PREPO HAND TORCH makes farm soldering repairs easy. Lights instantly without pumping, priming or reheating. When fuel container is emptied it is removed and thrown away and a new, full can of fuel attached to the torch. Made by Pressure Products Corp.

Addresses of manufacturers and further information about products on this page are available on request. Write New Products Department, Montana Farmer-Stockman, Box 1529, Great Falls, Montana.

The IDEA Exchange
By **UNION'S Farm Reporter**

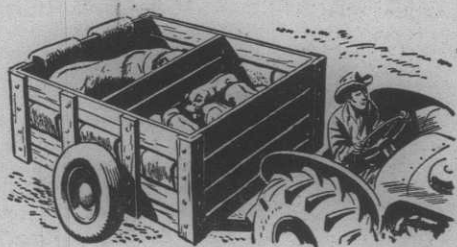


REPORT FROM A 40,000-ACRE STOCK FARM

J. L. Jacob & Sons operate the Normandale Hereford Ranch, a purebred and commercial cattle ranch in Prineville, Oregon. Recently they wrote: "Union Oil products are used exclusively in the 20 pieces of equipment necessary in the operation of our 40,000-acre Central Oregon stock farm. We have been using Union Oil products for 5 years and find they meet with our entire satisfaction."

Much of the mechanized equipment on the Normandale Hereford Ranch is lubricated with heavy-duty T5X—Union's amazing purple motor oil. T5X is made from the finest base stocks that modern chemistry and present-day refinery equipment can produce. Special-purpose compounds have been added to these superior base stocks to give you an oil unexcelled in heavy-duty lubricating ability.

DUROC FAMILY LIMOUSINE



Bruised livestock is a constant problem for many farmers. A large farm near Coalinga, Calif., has

come up with an answer in the form of this family limousine for mother Duroc and babies when they are moved from farrowing pen to pasture. The trailer is divided into two pens, one for mother and the other for piglets. The pens are completely padded inside and mounted on air tires to reduce jolting and bruising to a minimum. With this handy buggy, there is no chance that mother pig will step or fall on her family.



OIL DRUM STOVE IS EASY TO MAKE

Two oil drums, with a connecting pipe welded in between, warm the ranch shop of a wheat farmer near Pendleton, Oregon. Wood is used for fuel and is placed in the bottom drum through a small hinged door. According to the farmer, the upper drum radiates much more heat than the lower one. Instead of allowing heat to escape through a top vent, a third drum can be added if needed in larger shops.

HOW TO SIMPLIFY LUBRICATION



Many wise farmers in the West save time, money and storage space by doing all their lubrication jobs with one grease—multi-purpose UNOBA. With this versatile barium base grease you can replace many of the so-called specialized lubricants you may have on hand. Put multi-purpose UNOBA to a test under severe operating conditions. You will be amazed at the superior protection it gives in the presence of extreme heat, cold, or heavy moisture.

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"The Toughest Lubricants in the Field"

For full information on farm fuels and lubricants, phone your local Union Oil Representative. Or write Sales Department, Union Oil Company, Los Angeles 17, California.