

TAKE ADVANTAGE OF OUR "Year - End Special"



Never before has a steel fence post been offered for such a low price! This is the 5 ft. White-Top "101" Studded Tee Steel Fence Post. High carbon steel, large anchor plate and baked enamel finish for long life.

STEEL STUDDED TEE FENCE POSTS only **72c** each

LOOK AT THESE OTHER LOW PRICES
5½-Foot each 79c
6-Foot each 86c

We also have 6½', 7', 7½' and 8' Posts in stock for immediate delivery. Also Channel and Punched Angle Steel Posts.

ORDER
TODAY

THESE PRICES may have to be changed at any time without notice. We urge you to order now while we can guarantee these special low prices!

ALSO BARBED WIRE, FIELD FENCE, STEEL

• Dealer Inquiries Invited •

CARL WEISSMAN & SONS
INCORPORATED

300 Third Avenue South
GREAT FALLS, MONTANA

3425 First Avenue South
BILLINGS, MONTANA

"\$337.05 Profit
in 3½ days cutting
with my Homelite."

WILLIAM B. HEAD
WYNEE, ARKANSAS



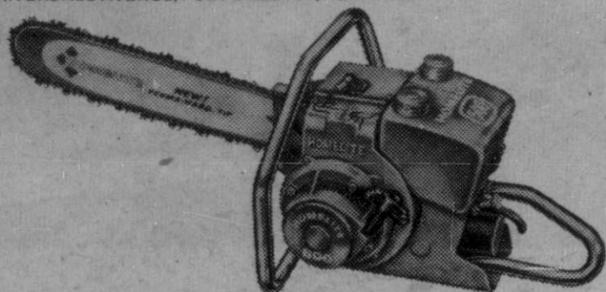
Worked on own 50 acre wood lot — about ½ of farm. Cut 25 cords from trees 8 to 16 inches in diameter. Sold house to house as firewood for \$375.00. Figure total costs including hauling, oil and gas, sharpening and allowance for depreciation added up to \$37.95 — leaving a net profit of \$337.05 for three and a half days work.

Get yourself a Money-makin' Homelite 500

The dependable 19 lb.* Homelite 500 chain saw gives you all the cutting speed you need for harvesting woodlots, cutting firewood or pruning orchards. Brings down trees up to 3 feet in diameter quickly and easily... lets you cut level with the ground... costs only \$149.95 complete with 14" bar and chain. Ask your Homelite dealer for a free demonstration. He's in the Yellow Pages. *Weight, less bar and chain

HOMELITE A **Textron**
DIVISION

8212 RIVERDALE AVENUE, PORT CHESTER, NEW YORK



—COMPARING BARLEY and grain sorghum as cattle feeds at the University of Arizona. Barley has the edge. During summer months cattle seemed to gain at about the same rate on the two feeds but those fed barley needed 92 pounds less per 100 pounds of gain. During winter months the barley-fed steers gained 8 per cent faster and ate 13.8 per cent less feed per pound of gain.

—USING CHEMICALS to sexually sterilize insects as a means of control or eradication. Screw worm flies have been successfully controlled in the southeast areas of the United States by weekly releases of laboratory-reared males that were sexually sterilized by exposure to radioactive cobalt-60. Chemosterilants are said to have several advantages over radiation, including being cheaper, easier to apply and being more effective. It is expected that it will be possible to combine them with regular insecticides for fast control. The insecticide would reduce the population and the chemosterilant would destroy reproductive ability of survivors.

—SELLING GOALS for hog producers to be achieved through research. Nebraska animal scientists declare that the hog of the future should weigh 200 pounds in less than four months, it should have an average backfat over the loin of ½-inch and a loin eye area of 7 square inches, present backfat average is 1.2 inches and loin area is 4.25 square inches.

—CHECKING TO SEE if moderate heating of feeds will increase gain efficiency of livestock. The USDA research is prompted by the fact that pelleting usually involves temperatures of from 150 to 225 degrees F and researchers suspect that this heating may be one of the as yet unknown factors that increases the efficiency of pelleted feeds. Tests have shown, however, that temperatures of 260 degrees or over decrease the value of feeds. Steers were fed ground, pelleted and ground and heated to 260 degree feeds. Steers receiving ground feed gained 1.79 pounds per day and those getting pelleted feed gained 2 pounds per day. Those fed ground and heated grain gained only .29 pounds.

—TESTING AND MARKETING of hogs at 160 pounds instead of the usual weights of 200 to 220 pounds. Research by the University of Kentucky seems to indicate that wholesale value per hundred pounds of live weight is greater for lighter weight hogs but processing costs are 20 per cent greater. Hogs reach the 160 pounds at a considerably lower cost per pound of gain. Consumers like the smaller cuts and hams with less fat of the lighter hogs.

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DAKOTA SALT
TECHNICAL
BULLETIN



by the "Old Salt"

Did you ever wonder exactly what "trace minerals" provide and what an important contribution they make to the health of your livestock?

Let's take *iron* for instance. Iron is essential to healthy blood chemistry because it becomes a part of the hemoglobin molecule.

And how about *copper*? Copper is also vital in blood chemistry because it acts to release iron that is stored in the liver and makes it available to the blood stream.

Another important "trace mineral" is *cobalt*. In ruminants this is essential for the synthesis of important Vitamin B-12 in the rumen. And cobalt is needed to maintain healthy bone marrow for healthy blood production.

You hear a lot about *manganese* these days — and this apparently has an action in animal nutrition which controls metabolism and the assimilation of phosphorus and calcium.

There's nothing new about *iodine*. Most folks know by now that sufficient iodine in animals eliminates goiter conditions and resultant failures of reproduction or stunted growth of offspring.

Another "trace mineral" needed for livestock care and growth is *Zinc*, recently known to be essential in the control of parakaratosis in swine and for maximum growth in poultry.

PERX Trace Mineralized Salt offers all of these minerals in quantities that assure maximum feed utilization efficiency. Offered on a free choice basis, you can bet that PERX will help you on the way to larger livestock profits.

When you buy livestock salt from your local feed and farm supply dealer, insist on

PERX SALT

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**DAKOTA SALT AND
CHEMICAL COMPANY**
WILLISTON, NORTH DAKOTA