

WHAT'S NEW

ELECTRIC FENCE CHARGERS

Electric fence energizers are available from an Australian company, Challenge Electric Pty. Ltd, in a range of models for the segregation and control of stock, including horses, cattle, sheep and pigs. The company, according to the Australian Government Trade Commission, is currently seeking agents in the United States.

They include the "Standard" Model, which is powered by an inbuilt 6 volt dry battery and provides a stock-proof portable fence without the use of barbed wire.

This unit can operate also from an external 6 volt car battery and performs well, even when earthed into dry ground.

It can be used to ration crop and forage consumption through strip

grazing with single, hot-wire fencing.

The portable unit is safe to operate near homes and keeps domestic animals away from aviaries, pigeon lofts, gardens and garbage tins.

The "Standard" model energizer provides high voltage output, low battery drain, solid state printed circuit construction, lightweight portability and trouble free operation.

The "Deluxe" rechargeable 6 volt model has two speeds, 30-60 pulses per minute.

It has a sealed, maintenance-free internal battery and can be recharged overnight from any 12 volt battery or charger.

Another model for strip grazing is the portable 6 volt "Solar".

It is solar-powered (internal battery) and can be used for temporary fencing.

The unit is designed to energize up to 6 km (3.7 miles) of fencing.

For permanent fencing, the 12 volt "High Power" energizer is powered by a heavy duty 12 volt car battery.

This unit is made to stop even rogue stock by sending a 5000 volt impulse along the wire every second.

This unit can be used where the 240 volt power is not available.

It can also be used for permanent sub-divisional fencing and economically makes use of otherwise useless old fences.

The "Challenger", an ultra-low impedance energizer, provides all the electric fencing facilities on a 1200 hectare (3000 acre) property and has a peak output power of 47,000 watts and peak output voltage of 5000 volts.

This 240 volt mains-powered unit has a plug-in circuit module for servicing, and power to flash a 100 watt globe.

The company also makes a

Lancaster Farming, Saturday, November 11, 1978-111

less powerful model, the "Electra 40", which has power to electrify 100 hectares (250 acres) of fencing.

Another ultra-low impedance energizer is "Powerhouse," similar to the "Challenger".

This unit has a peak output power of 78,000 watts, and power to flash a 200 watt globe.

Trade Inquiries to Challenge Electric Pty. Ltd, PO Box 360, Brookvale, New South Wales, Australia 2100.

Pull-type subsoiler

Du-Al Manufacturing Company, Sioux Falls, is introducing a new pull-type subsoiler made to match the power of big drawbar tractors - conventional or articulated, 4-wheel drive.

The Du-Al pull-type subsoiler features transport wheels that are located under the subsoiler frame for uniform and level plowing depths on uneven ground. A parallel lever arm with screw jack is made to make leveling of subsoiler

easier in raised or working position. Optional spring cushioned coulters are positioned directly over the points of the parabolic shanks.

The pivot of the shank is located directly over the tooth point. Because of this design, the tooth point of the shank never rotates lower than the original digging depth after the shear bolt shears.

Each parabolic shank is constructed of high-strength steel with a hard surface leading edge. The hard surfacing is made to resist wear and allow the parabolic shank to last longer under all conditions, according to Du-Al. Low cost hardened shank point replacements are available.

This shank shape is made to accomplish more with available horsepower. Shank points lift and shatter soil in front of the parabolic shank arc. The Model 7000 is available in seven or nine models.

Du-Al stated the new Du-Al 7000 can help stop run off and improve water utilization by breaking up hard pan, plow sole or compaction to achieve better absorption. It can also aid in preventing wind and water erosion.

Due to a shattering action in the soil, plant root systems can seek moisture and nutrients more efficiently. That can mean revitalized land and increased yields Du-Al stated.

For additional information, contact Du-Al Manufacturing Company, 1000 W. Cherokee, Sioux Falls, S.D. 57104.

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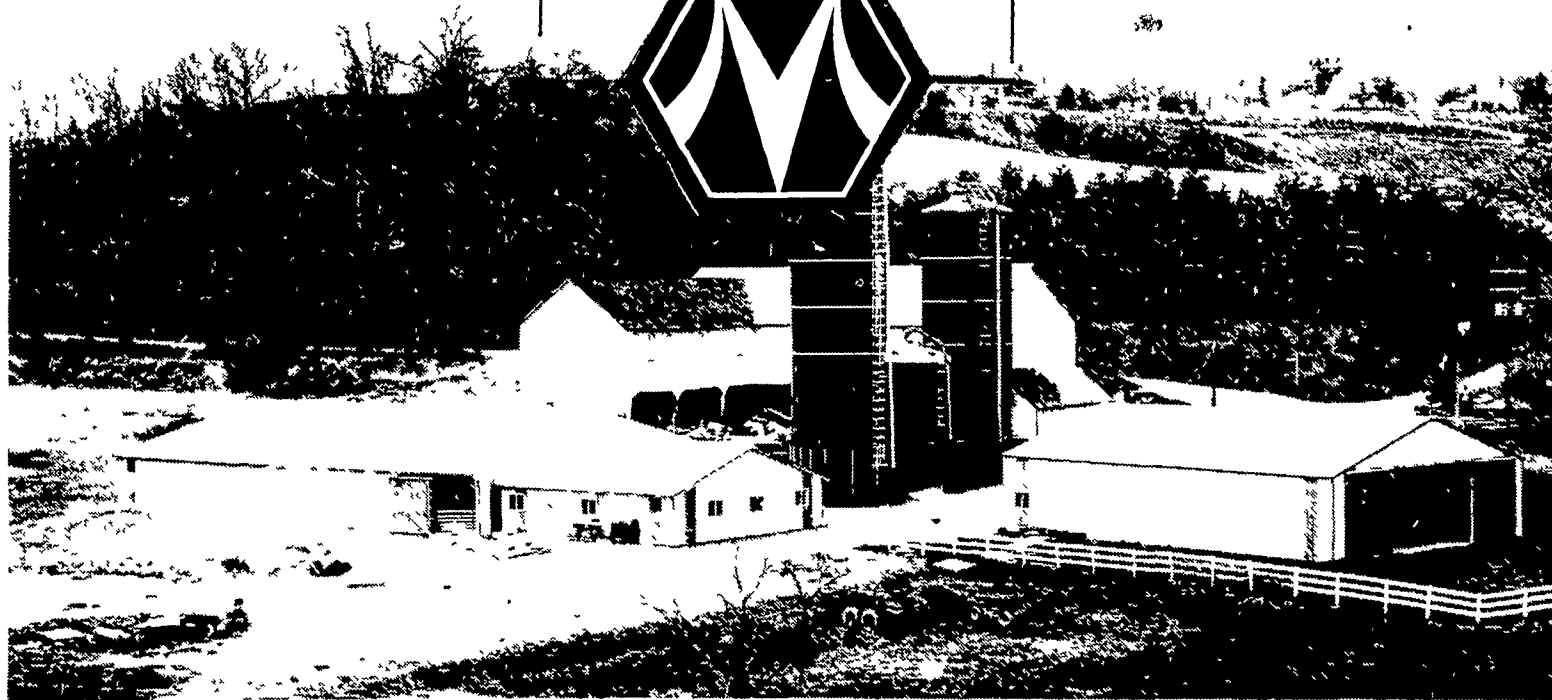
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