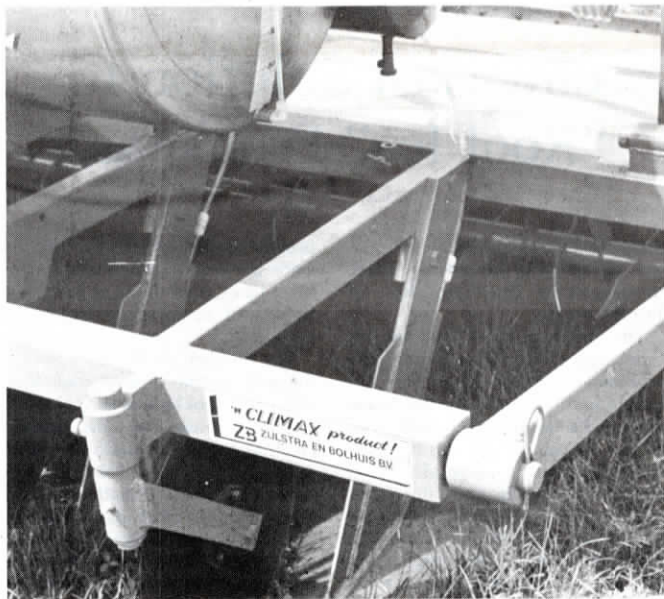


## Rotary Ridger

The revolutionary Chieftain-SIAE Rotary Ridger was originally developed by the Scottish Institute of Agricultural Engineering for ridging potatoes. Primary benefits claimed for the design include fewer clods in the ridges for easier harvesting, 15% reduction in rear tractor weight resulting in reduced compaction and clod formation in the furrow bottoms, reduced draft and wheel slippage, and possible use as a cultivator without damaging the crop.

Each ridging unit has a conical hub on each side of a sealed chain case which is mounted on a common pto-driven shaft across the machine frame. Two helically-arranged rows of tines on each hub loosen and shape the soil. Each tine may be individually extended up to five times to compensate for wear. When tines become too short for their original spot, they can be shifted to replace still shorter tines which have become worn. Three and five-rotor models are available with ridge spacings of 28-38 inches.

For more details contact: FARM SHOW Followup, Chieftain Forge Ltd., Burnside Road, Bathgate, West Lothian, Scotland EH48 4 PU. The company has been licensed by SIAE to manufacture the rotary ridger.



## Subsoil Sprayer

Accurate incorporation into the soil of pest control chemicals can be done in a single, easy operation with the new Climax Subsoil Sprayer, says the manufacturer. Originally designed for control of root eel worms that damage potatoes, tomatoes, strawberries, beets, bulb crops, etc., the subsoil sprayer works the soil, injects and incorporates chemical and seals the surface.

Coulters slice through trash and start opening the soil for large flat

sweeps, behind. A pto-powered pump injects liquid chemical under the sweeps and a rotary tiller section pulverizes and mixes the surface soil. A heavy steel roller on the rear is driven at slightly more than ground speed to firm and seal the soil surface to prevent escape of the chemical.

For more details, contact: FARM SHOW Followup, Zijlstra En Bolhuis B. V., Veendam, Beneden Westerdiep 105, The Netherlands.



## Automatic Feed Weigher

Accurate measuring of grain, ground feed, pellets and similar products permits careful blending of rations, control of feeding rates and a record of feed handled.

To get the job done, the President Co. offers a new line of automatic weighers with maximum capacities of 5,6,7.5, 12 and 25 tons per hour, depending on the material handled. A variety of inlet and outlet adaptors, plus remote controls, recorders and other special equipment, are said to adapt these precision weighers to almost any feed handling or processing operation. They can be used to measure material entering a mill or grinder, for prepared feed leaving a grinder, pellet mill or other processing equipment, or grain being placed into or removed from storage.

Careful design and manufacturer,

plus a minimum number of moving parts, are said to provide long troublefree service and accuracy down to 0.5 percent, depending on material weighed. Different controls are available to weigh batches. For automatic filling, the feed flow is stopped any time the weigher outlet is blocked, such as to a hammermill with less capacity than the weigher, then restarted when the discharge clears. Controls and indicators are available for measuring hundredweights or kilograms.

The U.S. retail prices for the President Automatic Weigher will start at approximately \$300 for the P4 model with 5 ton capacity. The manufacturer is seeking U.S. outlets. For more details, contact: FARM SHOW Followup, President Mollerimaskiner A/S, DK-4300 Holbaek, Denmark.