



Photo shows 4-row cutter with 2 cutting units per module. Each module floats independently and is equipped with a pair of gauge wheels for uniform cutting on uneven ground. Rotating disks cut plants off below the ground and spin in opposite directions to fling cut material rearward. Each vertical unit takes a row and the units are adjustable to handle row widths 24 to 36 in.

NEW BEAN CUTTER SEVERS PLANTS BELOW THE SOIL SURFACE

Yield Booster For Soybeans

"I see no reason why it can't be adapted for use on soybeans," says George Smyth, Canadian farm equipment manufacturer who has introduced the new Smyth Bean Cutter.

Used primarily for edible beans, it severs plants just below the soil surface. "It's the first and only machine like it on the market," says Smyth, who notes that "the machine's rotating action is very gentle and therefore should be quite suitable for harvesting soybeans with a minimum of dirt in the beans. In our trials, the machine hasn't been bothered by rocks, mud or trash."

The Bean Cutter's 20 in. dia. cutter blades are the same as those used on a conventional disk. Each disk cuts bean plants ahead of it, then spins the cut material to the rear. The disk cutting the adjacent row turns in the opposite direction, thereby putting two rows into one for harvesting. A windrower can be pulled behind to pull several rows into a single swath.

The compact machine, available with 4 or 6 cutters (each cutter takes one row), can be mounted on the front or rear of a tractor and operates at up to 7 mph. Hydraulic motors power a chain drive which, in turn,

drives the vertical mounted axle for each cutting disk. The machine is made in modules with two or three cutters making up each module. Each module "floats" and is equipped with a pair of adjacent cutting wheels for uniform operating depth on uneven ground. A divider can be used to move plants out of the way so they aren't trampled by the rear tractor wheels. The Bean Cutter is equipped with a drawbar and pto shaft extension for simultaneous "underground cutting" and multi-row windrowing of the crop.

Tractor hydraulic requirements are

5 gpm for the 4 row model and 10 gpm for the 6 row model. Suggested list price is \$2,595 for the 4 row cutter, and \$2,895 for the 6 row.

For more details, contact: FARM SHOW Followup, George Smyth, Welding and Machine Shop, Route 2, Auburn, Ont., Canada MOM 1 EO (ph. 519-529-7212).

HIGH FREQUENCY DOES THE HEATING

"Go Anywhere" Welder Mounts under Hood

New from Corral Industries, Phoenix, Ariz., is a "go anywhere" welder that weighs only 26 lbs. and mounts under the hood of most pickups.

The new-style welder employs a totally new welding principle, using high frequency instead of amperage to heat the metal. It accommodates all types of both AC and DC welding rods in sizes up to 5/32 in. When set at its mid range of 65 volts it can do the same work as a conventional machine set at 165 amps, the manufacturer points out.

A special alternator and an elec-

tronic unit make up the unit which mounts under the hood. The welder reportedly doesn't cause engine overheating problems, even if operated continuously for long periods of time. It's equipped with an outlet so you can run power tools, or use it to charge batteries.

Sells for \$650, installed.

For more information, contact: FARM SHOW Followup, Corral Industries, 5202 East Washington St., Phoenix, Ariz. 85034 (ph. 602-275-7603).



Welder uses high frequency instead of amperage to heat metal.