

New M&W cutters come in 10 and 15-foot widths and have automatic leveling systems.

New Cutters Ideal For Set-Aside Acres

GIBSON CITY, Ill. — M & W Gear Company, Gibson City, Illinois announces the addition of the Prairie Clipper PC10HDL, PC10HDP and PC15HDP Rotary Cutters to the M & W product line. All three use a four gearbox, triple spindle design using reversible blades and round, dish-type blade protectors.

The PC10HDL (lift-type) and PC10HDP (pull-type) cut a 10-foot swath. The PC15HDP (pull-type)

cuts a 15-foot swath. All are available with 540 RPM or 1000 RPM PTO drive. Pull-type cutters have an automatic parallel leveling system which allows the cutter to be raised manually or hydraulically.

All of these features make these cutters ideal for maintenance of set-aside acres this year. For more information, contact M & W Gear Company, Route 47 South, Gibson City, Illinois 60936.

'Interseeding' Eliminates Soybean Herbicides, Says Rodale

EMMAUS — Trials at the Rodale Research Center prove that interseeded soybean systems can be successful without the use of herbicides.

According to Rhonda Janke, Ph.D., Agronomy Coordinator at the Rodale Research Center: "This is a very important step in reducing the use of herbicides. Here is a system for reduced tillage soybean planting that works. In effect, we're addressing two problems at once: the soil is disturbed less often and there is no groundwater pollution as a result of herbicides."

In 1986, a trial at Rodale Press' 305-acre Pennsylvania-based research facility compared monoculture soybean production to soybeans interseeded into standing barley. The monoculture beans were part of a "conventionally managed" rotation, while the interseeded beans were part of a "low input" rotation which used no agricultural chemicals. The low input beans yielded 48 bushels per acre, plus 30 bushels per acre barley, compared to 42 bushels per acre of soybeans for the conventional, monoculture beans. There also appeared to be fewer weeds in the low input system during most of the growing season.

When comparing the economics of the interseeded system to the monoculture soybean system, returns from the interseeded

system were 64 percent greater than the monoculture system. The net return of the barley/soybean system was \$148 per acre, while the net return for the monoculture soybeans was only \$90 per acre.

Results from other trials at the Rodale Research Center have demonstrated that the success of interseeding depends on moisture availability, soil type, and planting method. Interseeding worked well on loose and easily worked soil with good moisture holding capacity. On shallow, dry soils, moisture competition lowered yields of both soybeans and the wheat into which it was seeded. Good incorporation of the soybean

seed is important as well. In shallow or hard soils, a no-till planter worked best.

In another observation at the Rodale Research Center, the success of interseeding soybeans into various small grains was investigated. Soybeans interseeded into winter barley produced the best results, followed by rye grain and winter wheat; soybeans interseeded into oats had the lowest yields.

For more information on interseeding at the Rodale Research Center, write to Marie Harrington, Rodale Press, Inc., 33 E. Minor St., Emmaus, PA 18098.

Herbicide Pre-Mixes Provide Convenient Weed Control

EAST PETERSBURG — Continued low corn prices make it an economic necessity for area farmers to control weeds that reduce yields and profits, without spending extra for herbicide inputs, says Mr. Jim Bowersox, sales manager of Chemgro Fertilizer Company in East Petersburg.

"We see a concerted effort on the part of our corn growers to make every penny count in their fieldwork," Bowersox says. "They are reducing tillage to save topsoil and to cut back on trips across the field. They also want herbicides that are economical to use, but effectively control a broad spectrum of weeds."

To achieve that, Bowersox explains, many farmers have switched to herbicide package mixes. "Our farmers have found these pre-mixed combinations give them that extra weed control, save time by eliminating the need for mixing and reduce fieldwork."

Pre-mixed Lasso and atrazine, for example, is labeled to control 22 different tough grasses and broadleaf weeds and to reduce competition from nine others.

The dealer points out that pre-mixed herbicides also give farmers added flexibility in application. "Lasso and atrazine can be applied either in water or liquid fertilizer, in a variety of production and tillage systems."

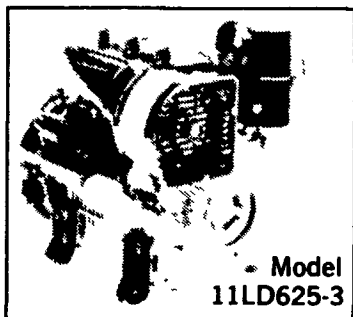
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