



Spencerville Implements also makes a bridge hitch which lets you turn a Splitter-equipped planter into a one-pass machine.

Switch To Narrow Rows

(Continued from cover page)

place of a spacer on the driveshaft. "That's the only modification needed on your existing planter," points out McCleery.

You can mount John Deere's new Soybean Special row units on the trailing planter, or conventional Max-Emerge units. McCleery also sells Kinze row units from Kinze

Manufacturing in Williamsburg, Iowa, and is working with International Harvester and other manufacturers to adapt their planters to the trailing toolbar design.

"Several new soybean add-on planters have recently come on the market. The problem is that you have to modify your existing planter to mount them, making it difficult to change from planting one crop to another. Also, they're hanging a lot of extra weight on a toolbar that wasn't designed to handle it. Our planter rides independently, carrying its own weight," McCleery notes.

Many different row combinations are possible with the new add-on. On a 6-row 30-in. spaced Max-Emerge, for example, you can pull five planter units behind, making 15-in. rows, or pull seven units, adding one extra to each end of the planter. Or, you can pull three units behind, leaving skiprows between four of the forward row units. There are add-on planters for all combinations on 4, 6 and 8-row planters.

"I don't recommend leaving skiprows. Rather than leave a 30-in. skiprow, I prefer to plant it all to 15-in. rows and drive over the plants. Most of the plants come back after cultivating so, even if I lose a third of them, I haven't lost anything because I still have two thirds of a row of beans instead of a blank skiprow," explains McCleery, adding that you can make a "mini-skiprow" by making 12 and 18-in. spaced rows that allow slightly more room for the tractor wheels.

A 5-row bar, complete with five regular Max-Emerge row units, lift assist wheels, cylinders and hydraulic hoses to the front of the planter, sells for \$6,450.

For more information, contact: FARM SHOW Followup, Ron McCleery, Spencerville Implements, Inc., Hwy. 117 West, Spencerville, Ohio 45887 (ph 419 647-4118, or toll-free in Ohio 800 472-5270).



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"I'm real happy with it," says Nebraska farmer James Volk who bought the first "corn only" 858 to roll off the assembly line.

First "Corn Only" Combine

First on the market with a combine designed specifically for harvesting corn is AVCO New Idea.

What AVCO has done, basically, is to turn their 729A rotary corn sheller, introduced 5 years ago, into a "new and greatly improved" corn-only rotary combine that's self propelled by a Uni-System power unit.

Called the 858 Uni-System Corn Sheller, it's a dual cage rotary, somewhat similar to New Holland's TR-70.

"Unlike conventional cylinder type combines, or other rotaries — all of which rub grain against metal — our new 858 employs a different threshing concept. It shells corn with an exclusive corn-against-corn gentleness that provides clean shelling with minimum kernel loss or damage," explains Richard Hines, advertising supervisor.

"I'm really sold on it so far," says Nebraska farmer James Volk, of Battle Creek, who shortly before harvest this fall bought the first 858 sold, and the first of about five that went to the field this fall. "I especially like its tremendous capacity and the simplicity of its design. It has very few parts and everything is easy to get at and to maintain. A lot of threshed material drops out the bottom, making it easier

for wet material to move through the machine, as opposed to conventional combines. You can get into a field a half to a full day earlier after a rain with this new machine."

This fall, Volk used his new 858, purchased from Dinkel Brothers Implement, Norfolk, Neb., to harvest 700 acres of corn. He says he traveled 5-6 mph in 150 bu. corn, using a 6-row (30 in. spacing) header.

At the 1981 Farm Progress Show near Peoria, Ill., where the 858 was unveiled publicly for the first time, AVCO New Idea spokesman was quoting a suggested retail cost of "right at \$23,500" for the 858, which is about \$8,500 more than New Idea's all-purpose 717 combine for corn, small grain and soybeans, and about \$4,000 more than New Idea's all-purpose 818. The new 858 mounts on the 708, 709, 800, 801 or 802 Uni-System power units.

New Idea is offering 4 and 6 row (wide or narrow) Uni-Corn headers. With adaptor kits, other brand headers can also be used.

For more details, contact: FARM SHOW Followup, AVCO New Idea, Coldwater, Ohio 45828 (ph 419 678-5311).

Tractor Runs On Rapeseed Oil

While most proponents of vegetable oils for fuel are experimenting with soybean and sunflower oils, researchers at the University of Guelph in Ontario, Canada, have hundreds of hours on tractors running on rapeseed oil.

Ag engineers at Guelph had two tractors, both under 50 hp., operating in the field this past spring and summer. Neither tractor has been modified in any way. One runs 100% on rapeseed oil and the other on half soybean and half rapeseed oil. "We didn't modify them because most farmers don't want to modify new tractors that cost thousands of dollars. Also, without modification, the tractors can be switched quickly back to diesel fuel," one of the engineers told FARM SHOW.



The University had their rapeseed-powered tractor on display at the recent International Plowing Match farm show in Ontario. Rapeseed oil, the engineers say, is slightly thicker than sunflower oil and would not run well in the winter without a heated fuel tank. However, since the tractors are not modified in any way, farmers can switch to diesel in winter and use rapeseed in the warmer months when fuel requirements are greater.