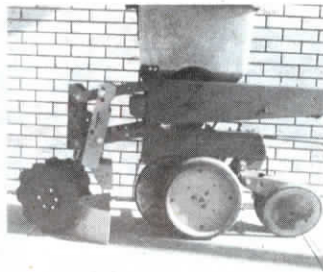


New mounting bracket lets you mount Hiniker's horizontal rotating disc on the parallel linkage of your planter.



V-shaped wipers push clods and trash out far enough to clear depth gauge wheels.

## FOR RIDGE-TILL, NO-TILL

# New Planter Add-Ons

"Why pay \$40,000 for a new no-till planter when you can add these Trash Wipers to your existing planter and do just as good a job," says Jim Lindquist, manufacturer, about his new V-shaped planter add-ons that simply bolt to existing double disc furrow openers.

The hard-surfaced blades of the wipers push soil and trash out past the planter depth gauge wheels, leaving a 16-in. wide clean path to plant in. "Disc furrowers don't push trash out far enough so that the depth gauge wheels run up over dirt and clods, affecting seed depth," says Lindquist.

Once mounted, depth of the wipers adjusts with the same adjuster as the disc furrowers. Two bolts provide angle adjustment for each wing.

Sells for \$40 per row.

You can mount Hiniker's horizontal rotating disc on the parallel linkage of your planter with a new mounting bracket designed for Deere, Case/IH and White planters.

The rotating disc was originally designed for Hiniker's ridge till planter. Lindquist Welding's new bracket lets you mount the ridge-clearing disc just ahead of the disc openers, attached to the planter linkage. The advantage of the Hiniker unit is that it can run shallow or deep, skimming off the top of the ridge to leave a clear, clean path to plant in that's virtually free of weed seeds and other crop residue.

Just four bolts hold the rotating disc onto the planter linkage. It replaces the existing trash clearers. One jack bolt and a set screw provide easy, fast adjustment of disc depth. The mounting bracket sells for \$40 per row. You buy the disc unit direct from Hiniker.

Lindquist also mounts the disc units ahead of roto-tiller/planter rigs. He says they skim off seeds at the top of the ridge, keeping them from getting incorporated into the soil around the seed furrow.

Contact: FARM SHOW Followup, Lindquist Welding Supply, Box 37, Giltner, Neb. 68841 (ph 402 849-2264).

## WORKS RIGHT THROUGH HUSKS

# Tester Reads Corn Moisture On The Cob

You can test the moisture of your corn crop in the field without harvesting even a single ear of corn with a new tester that lets you test corn while it's still on the stalk with husks on.

Inventor Bob Spry developed the new tester to eliminate the need to harvest corn in order to test it and to make it possible for seed corn growers who harvest ear corn to test moisture without shelling.

"Many farmers get on the combine and harvest 50 bu. of grain to test. If the moisture's too high, they're stuck with 50 bu. of high moisture grain in the bin," says Spry. His tester lets you sample a number of ears in the field, and take the average for moisture content. He notes that neighboring plants in a row may vary in moisture content by as much as 1 to 3% due to differing emergence, pollination, and other factors.

"You can test the moisture of the same ears on subsequent days by identifying the plants with spot paint. That lets you determine drydown rate of the crop," Spry notes.

To take a reading, place the ear of corn firmly in the saddle of the hand-held tester. That compresses it onto two sharp points

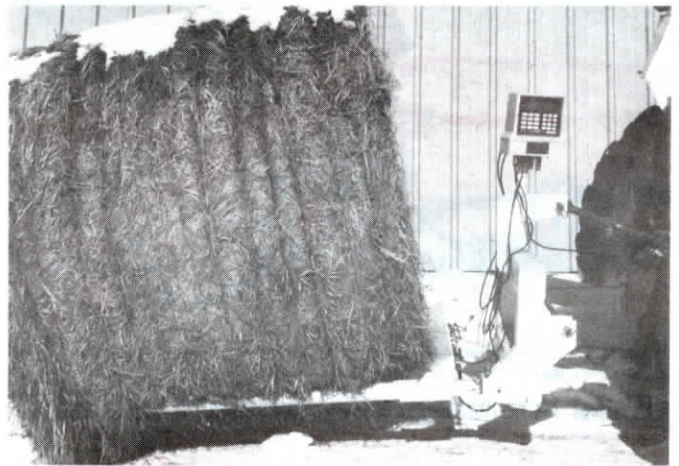


Tester checks moisture of corn on cob. Can even be used on corn still on the stalk with the husks on.

that penetrate into the kernels. The points are insulated so they won't read the moisture of the husks, if they're left on. Tester has a range of 12 to 35% moisture.

Sells for \$225.

For more information, contact: FARM SHOW Followup, Robert Spry, Ear Corn H20 Tester, 21 Sunset Road, Bloomington, Ill. 61701 (ph 309 828-9685).



Electronic scale mounts at rear of combine, just above weigh bar-equipped bale tines.

## STRESS-TYPE WEIGH BARS ATTACH TO BALE MOVING TINES

# Weigh Scale For Big Round Bales

Weighing big round bales is an exact science for Nebraska farmers Ken and Curt Clausen who designed their own super accurate weigh scale that uses stress-type weigh bars mounted at the base of the tines on their 3-pt. mounted bale mover.

The two men got the idea while conducting tests for Pioneer on a new hay inoculant. They needed to be able to weigh bales accurately to gauge test results. In looking around for the best way to do it they decided to use the same scales used on grain wagon weighers.

"In the past we hauled bales into town to weigh them. Now we can weigh them as we transport them with our bale forks. The scale's accurate to within 10 to 15 lbs.," says Ken.

The bale weigher consists of a rectangular frame that attaches to the tractor 3-pt. Two weigh bars, 2 1/8-in. in dia. and about 1 ft.

long, attach to either side of the frame. The two round bale handling tines slip over them so they support the full weight of a bale when it's picked up.

The weigh bars (purchased from Weigh-Tronix, Inc., 1000 Armstrong Dr., Fairmont, Minn. 56031) feed data to the same digital readout used on grain wagons. The Clausens mounted the readout above the 3-pt. mounting frame where it can be easily read from the tractor seat.

"The scale is a great tool to have when selling hay because it eliminates guesswork," says Ken, noting that the digital readout can be detached for use on grain wagons when needed. The two spent about \$1,280 to build the bale scale.

Contact: FARM SHOW Followup, Ken Clausen, Rt. 2, Box 17, Grand Island, Neb. 68803 (ph 308 384-3407).

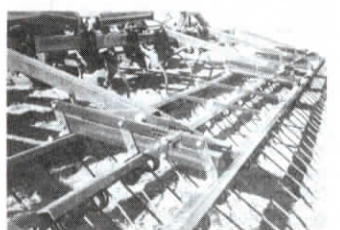
## LETS YOU ANGLE TINES TO THE REAR

# Tine Harrow Adjuster Helps Handle Trash

"We made it for our own use. It worked so well we decided to market it," says Doug Steffens, Griswold, Iowa, who, along with Lou Sürek and Bruce Steffens, came up with a new adjustable mounting bracket for flex tine harrows that lets you tip tines toward the rear, keeping them free from trash buildup.

The add-on kit installs without cutting, welding or drilling. It simply replaces the fixed mounting brackets with a bracket that's got 12 different settings. In heavy trash, you set the teeth so they slant to the rear, allowing trash to slip away. For conventional tillage, they can be set straight up and down. The brackets also add about 2 1/2 in. between each set of tines, increasing trash-clearing capacity.

A kit includes all brackets and bolts to fit 6 carrying arms, or three sections. Sells for \$398. The first kits were built to fit 3-bar tine harrows behind Case/IH field cultiva-



Kit installs without cutting, welding or drilling. Lets you adjust harrow to 12 different settings.

tors and disks because that's what the three farmer-inventors own. However, they're taking orders for other makes and models.

For more information, contact: FARM SHOW Followup, Triple S Engineering, Rt. 2, Box 200A, Griswold, Iowa 51535 (ph 712 778-4245).