

Tracking discs, lower left, send signals to electro-hydraulic manifold, upper right, that instantly adjusts tractor steering.

COMPUTERIZED ELECTRO-HYDRAULICS RESPOND INSTANTLY TO UP-FRONT SENSOR

First "Instant Steer" Tractor Guide System

"It's the first computerized, instantaneous automatic tractor steering system," says Clyde Taylor, manufacturer of a new "instant steer" electro-hydraulic guidance system. "Unlike other add-on guidance systems, which work mechanically and have considerable lag times, this system reacts instantly and lets you travel at much higher speeds in the field."

A pair of discs on a swing arm function as the tracking sensor, turning in a guide furrow laid down in the field in a previous pass. The "brains" of the unit is a dashboard-mounted computer which electronically operates a series of directional

valves in a hydraulic manifold which in turn automatically steer the tractor wheels. The computer has a built-in draft control that lets you adjust for uneven pull to the right or left. A flip of a switch changes from automatic to manual control. When switched to manual, the tracking sensor lifts from the field automatically to keep it from being damaged.

The guidance system takes about 2 hrs. to install on any tractor.

For more information, contact: FARM SHOW Followup, Taylor Machinery, 4146 W. Mineral King, Visalia, Calif. 93291 (ph 209 734-3127).

BEDS STALLS, SPREADS MULCH

4-Bale Straw Chopper

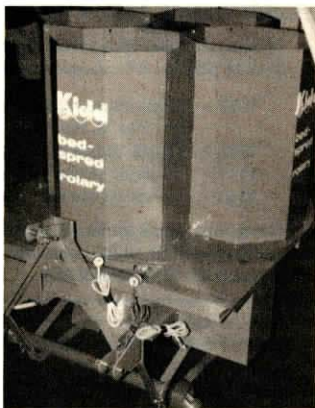
New to North America from England is the 4-bale rotary straw chopper manufactured by Kidd Farm Machinery Ltd., Wiltshire, for bedding stalls and spreading mulch.

The 3-pt. mounted, pto-powered chopper saves time by carrying 4 bales at once. Each of its four chambers holds one conventional rectangular bale. When one bale is chopped, you rotate the chamber so the next bale is shredded. You can shred all 4 bales without leaving the tractor seat.

Bales are shredded by 18 revolving and 16 stationary knives. Straw is forced down through the blades and blown out the side. Knives are made from sickle sections so they're easily replaced.

Straw can be distributed out both sides at once or out of one side at a time. Chopper requires 15 to 25 hp., depending on straw condition. It can blow straw up to 30 ft. away.

Machine sells for about \$3,000. The



The four bale chambers rotate, shredding one bale at a time.

company is looking for dealers. For more information, contact: FARM SHOW Followup, Kidd Farm Machinery Ltd., Devizes, Wiltshire, SN10 2HP England (ph 0380-2361).



Scroll-like screen is continuously rolled back and forth onto rollers at either side of unit (hidden in photo by end guards).

SCREEN MOVES FROM SIDE TO SIDE

New Self-Cleaning Screen Stops Tractor Overheating

Chaff from his pull-type combine that plugged his tractor radiator and caused it to overheat prompted Art Paetkau to design and build his self-cleaning "Clean Screen".

His invention replaces conventional flat and rotary screens. Paetkau says his self-cleaning screen allows 23% more airflow than a conventional screen. While he designed the screen for his tractor, he says it could also be used on combines and swathers.

The fiberglass-mesh screen moves from side to side rolling around two vertical shafts like a scroll. A 12-volt electric power window motor turns one vertical shaft rolling the screen in one direction. After the screen rolls up going in one direction, a sensor is activated and screen direction reverses. The screen then rolls onto the

other vertical shaft. With the screen moving back and forth, the radiator's always protected from chaff since the self-cleaning action of the dead air space at each end of the screen causes chaff to fall.

The 12-volt motor can be wired to the tractor starter or alternator. It has an off/on switch for shutting the screen off when it's not needed. The screen clips to the side of the tractor in just minutes. The Clean Screen is 31-in. wide and 28-in. tall. It's available to fit most tractors and combines.

Sells for \$375 (Canadian). Specify tractor or combine model when ordering. Distributor inquiries are welcome.

For more information, contact: FARM SHOW Followup, King Aire Inc., Box 30, Winkler, Man. ROG 2X0 Canada (ph 204 325-7963 or 7206).

"Hot Foot" Bird Glue

That "Hot Foot" bird eliminator product from New Zealand featured last year (Vol. 9, No. 5) drew a tremendous response. Many readers have asked if similar products are available in the U.S. and we recently discovered a "sister" product that works on the same principle from Hub States Corp., Indianapolis, Ind.

The non-toxic bird control paste which comes in a caulk-type tube is applied in a pencil-thick line to all roosting areas to provide 100% coverage in feedlots, confinement buildings and around farmsteads. When birds land on the clear, sticky gel some of the goo sticks to their feet. Because it's so distasteful to them they'll avoid any treated area. Works great on ledges, eaves, beams, signs, posts, fence rails and anywhere else birds are likely to land.

Each tube applies 10½ linear feet applied in a band ¼ in. thick. It's guaranteed to last a year. Heavy dust and other debris will decrease its efficiency.

"It gives birds an insecure feeling



Salesman shows off bird-chasing "Hot Foot".

so they completely avoid it. We like it better than the various poisons on the market," says Alan Askrey, company representative. Hub States does "bird proofing" of farm buildings using only their repellent gel and guarantees that the treated buildings will be free from pest birds for a year.

Hub States Bird Repellent sells for \$6.95 per tube. It's also available in 25-lb. pails.

For more information, contact: FARM SHOW Followup, Hub States Corp., 419 E. Washington St., Indianapolis, Ind. 46204 (ph 317 638-5487).