

NO CLIMBING OR PROBING

Handy Sampler For Grain Bins

"It eliminates climbing and probing," says Lorne Olson of his handy new device for obtaining accurate grain samples from steel bins.

The "pipe within a pipe" sampler, made of PVC, is installed at a 45° angle inside the bin. It's 13 ft. long and has three "grain inlet" sampling ports at the top, middle and bottom. You simply go to the discharge end of the sampler, located outside the bin about 6 ft. off the ground in a 5,000 bu. bin. Turning the sampler's inside pipe (2 in. dia.) to the 3 o'clock position aligns its top opening with 2 1/4 in. dia. outside pipe's top opening, allowing grain to flow into the matched slot openings, down the inside tube and into the sampling container. You sample from the middle port by turning the inside pipe to the 6 o'clock position, and from the bottom opening by turning it to the 9 o'clock position. To close off the sampler completely, you turn the inside pipe to the 12 o'clock position.

Grain gravity-flows into the slot opening (about 3 3/4 in. long and 3/4 in. wide), allowing you to let it run however long it takes to collect the desired-size sample. One sampler serves bins up to about 6,000 bu. Two or more samplers can be installed, as needed, to take care of larger bins. Nylon ropes tied to ceiling eyebolts secure the sampler at a 45° angle inside the bin.

Standard 13-ft. long sampler, with steel pipe outlet and wall mounting plate for the lower "outlet" end, sells for \$59 (Canadian).

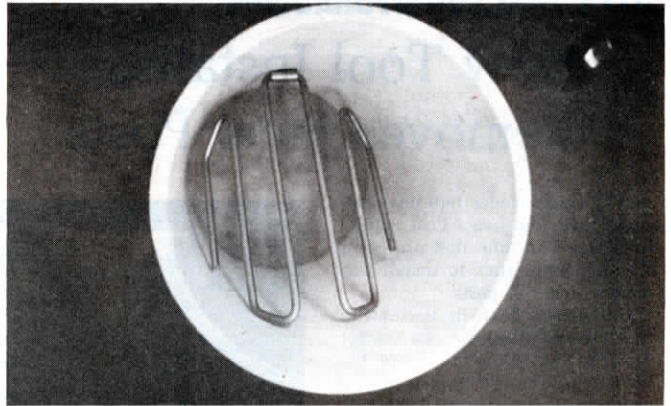
For more information, contact: FARM SHOW Followup, Olson Bin Sampler, Box 156, Maidstone, Sask. SOM 1M0 (ph 306 893-2703).



The "pipe within a pipe" sampler, suspended at a 45° angle, has three sampling ports (top, middle and bottom) which align to automatically collect grain samples.



Inner PVC pipe rotates inside the outer pipe to collect grain samples from three different locations inside bin.



Guards are made of 1/4 in. stainless steel rod.

Drainage Tile Guards Keep Animals Out

"We expect tile systems to last 50 years so you should install animal guards that'll last just as long," says Stephen Wilson, an Indiana drainage tile contractor who's developed a hinging stainless steel animal guard.

Guards are required on PVC drainage systems by the SCS but most farmers simply fashion their own out of whatever material they can find, according to Wilson. Makeshift guards often plug up with debris and easily fall out of place, allowing animals to enter. Once inside, animals can damage a system by getting lodged inside and plugging water flow, or by chewing holes.

Wilson's tile guards are constructed with 1/4-in. dia. stainless steel rod formed into bars spaced 1 in. apart. A stainless steel hinge (complete with stainless bolt) lets the guard swing outward to allow debris to flow through and makes for easy cleaning.

Tile guards are available for 4, 6, 8, 10 and 12-in. tile. The 6-in. sells for \$5.00 and the 12-in. for \$18.50.

For more information, contact: FARM SHOW Followup, Stephen D. Wilson, Rt. 2, Box 355, Osgood, Ind. 47037 (ph 812 521-3914).

Catching Up On What You've Missed!

Many new subscribers have asked if they can obtain back issues of FARM SHOW. The answer is yes. Here's what's available.

1982 — Three issues still available — Vol. 6, No. 1, Vol. 6, No. 4, and Vol. 6, No. 6.

1983 — All six issues still available except Vol. 7, No. 6.

1984 — All back issues still available.

1985 — All six issues still available except Vol. 9, No. 4.

Send your check for \$2.00 per copy to: Back Issues, FARM SHOW Magazine, Box 1029, Lakeville, Minn. 55044. Make your check payable to "FARM SHOW".

WORKS GREAT TO PICK UP LIGHT WINDROWS

New Combine Pickup "Sweeps The Swath"

"With this new-style pickup you don't need to zig-zag back and forth on light windrows to pick up all the grain," says Dave Friesen, inventor of the "Rake-Up" add-on combine pickup that's being manufactured by A-J Machine, Saskatoon, Sask.

"Conventional pickups can leave 10 to 15% of the swath on the ground. The Rake-Up's sideways sweeping action picks up the swath allowing you to go faster, yet pick up all of the swath," reports Friesen.

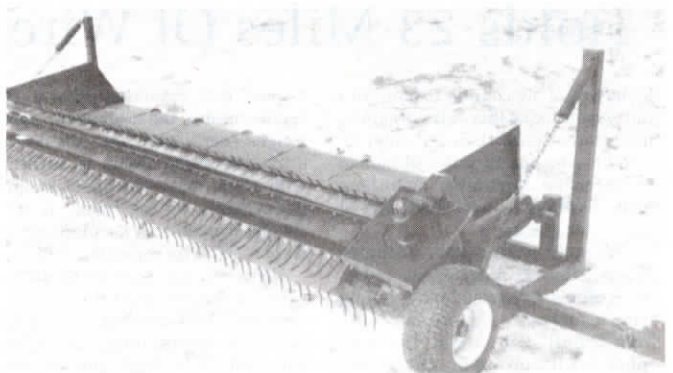
The pickup works much like a side-mounted rake lying on its side. In place of solid belting, there are six individual hard plastic sections with plastic teeth that sweep the ground

in a sideways motion to pick up the swath.

Friesen says the rig's slower turning speed combined with the side-motion of the fingers at the bottom of the sweep causes less flipping action, resulting in less stones in your grain.

The Rake-Up has been field-tested at 8-mph while turning at 80 rpms. Initially, the pickup is available in 10-ft. widths. Power's supplied by the combine's drive system. \$5,400 (Canadian).

For more information, contact: FARM SHOW Followup, A-J Machine, 408 44th St. E., Saskatoon, Sask. S7K 0W1 (ph 306 931-0808).



Plastic teeth sweep the ground in a sideways motion.