

simply input the wheel's circumference and width of equipment.

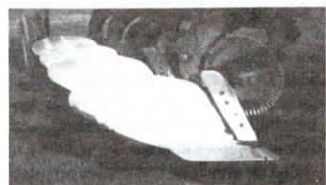
Sells for \$195 plus \$25 for the external sensor option. The meter can be moved from tractor to tractor if you fit each unit with a mounting bracket and wiring harness (\$35 per extra installation kit).

Our next new product will be a Heat Unit Calculator. It will take a temperature reading every hour and store these values in its memory for up to a year. At any time, the farmer can calculate the number of heat units (also called degree-days) accumulated between two specified dates. (Anne-Marie Bauman, Tailwind Systems, 637 W. Whitman Dr., College Place, Wash. 99324 ph 509 529-9794)

Here's an idea I've used to prevent bearing failure on older equipment, especially my 1969 Moline 4296 combine. The cause of nearly all bearing failure is lack of lubrication but many bearings are either sealed or it's difficult to get a grease needle in through the seal. Several years ago I came up with the idea of drilling through the bearing housing with a small bit. Then I insert the grease needle and inject a full load of grease. Then, to seal up the hole, stick in one end of a round toothpick and break it off leaving a little bit sticking out so you can pull it out again when needed with a pliers. It's amazing how long the toothpick will stick in there. If it falls out, no real harm is done as long as you're keeping an eye on your bearings.

Another handy hint (which my brother-in-law came up with) makes unloading grain from bins easier. When he starts unloading, he simply reverses the fan blades and ties open the cleanout door on the bin so that the fan sucks dust out of the bin. Virtually eliminates all problems with dust when you get in there for cleanout and is a way to get double duty out of the fan. Instead of bolting the fan blade onto the motor shaft, he uses a vice grips to hold it on, leaving them in place all the time. When he needs the fan to aerate again, it takes just seconds to reverse the fan blade again. (Joseph Haffner, Rt. 1, Box 57, Farmington, Iowa 52626 ph 319 836-2113)

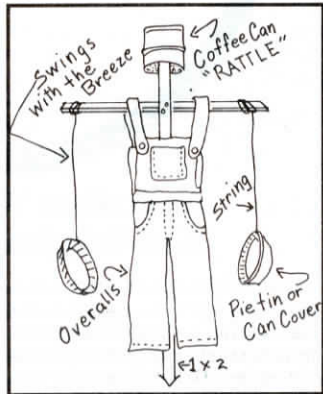
In the November-December, 1991 issue of your publication, you featured a woodburning stove that hangs from the ceiling. Although this is a novel idea, it severely violates the applicable codes for solid fuel fired appliances. The concern to us is that your readers will feel that if such an invention is endorsed by a magazine, then it must be alright to install in their particular repair shop. However, it is a violation of the codes, and therefore we cannot permit it. The farmer goes to the expense of building it and then must remove it following our inspections. (Dan Hiebert, Loss Prevention Inspector, Manitoba Mennonite Mutual Insurance Co., P.O. Box 3550, Steinbach, Man. Canada)



Here's an idea I came up with to save time and money on plow replacement parts. When installing new shin pieces on our plow, I weld old chisel plow points to the shins. These "reinforced" shins last 3 times as long as just the shins alone. (Robert H. Flack, Andrews Rd., Sterling, N.Y. 13156)

I look forward to receiving your magazine very much. In fact, I feel your magazine has done more to help folks "do it themselves" than any other farm publication. Most farmers are innovators. If they weren't, they

couldn't keep their machinery, or their farm operations, running. Very often, nowadays, they get their ideas from your magazine. The problem is that most farmers don't send in their ideas unless they're actively pursued. In talking with my neighbors, I've discovered that many great ideas never make it past their farm gates so the rest of us never find out about their simple solutions to repetitive problems that we all have to face. That's the function served by FARM SHOW. It gives farmers a place to show ideas that can help everyone. (Ben Kambeitz, Box 93, Richmond, Sask. S0N 2E0 Canada)



I've had good luck keeping deer out of our garden with this scarecrow. It's just a cross made out of 1 by 2 boards with an old pair of coveralls hanging from the crossarms and a coffee can on top for a head. A pie tin hangs from either end of the crossbar. Makes them think I'm working in the garden. Our deer around here are very tame but this has done the trick for us. (Charles Erickson, Finlayson, Minn.)



I thought you might be interested in the enclosed copy of literature from 1936 for the "Johnson's Anti-Erosion Field Tiller". It appears to be very similar to the machine with oval disc blades being manufactured by Poget S.A. in France that was featured in your last issue (Vol. 16, No. 3). The Anti-Erosion Tiller was developed by my great-uncle O.B. Johnson and my father Leo N. Johnson, both of Ensign, Kan. O.B. Johnson owned the U.S. patent and Leo owned the Canadian patent.

The primary purpose of the machine was to conserve soil and erosion by leaving pits in the ground at regular intervals which helped prevent blowing and held water till it could be absorbed. The literature claimed that the machine also did a better job of bringing up fresh soil to the surface and mixing it with trash than any other machine on the market, just as manufacturers of the new Poget machine claim.

Although the two men sold a number of machines in the 30's (there was a lot of interest due to the dust storms of those years), I came out with its cutaway disc soon after and they realized they would have to have a tremendous amount of capital to compete so they discontinued it. (Russell S. Johnson, 100 Military Plaza, Suite 106, Dodge City, Kan. 67801 ph 316 227-2097)

The indoor manure pit featured on the back page of Vol. 16, No. 3, could turn into a deadly methane factory. I built a similar



I had a Sound-Guard cab and body installed on a 1970 Deere 4520 tractor. The entire job was quite a challenge but looks good now that it's done. One of the trickiest jobs was mounting the air conditioning compressor

on the right side and getting the belt up and out to drive it. Everhart Welding Shop in Clark, Mo., did the job. (J.B. Mangus, Box 27, Renick, Mo. 65278)

structure in 1968. It was fine in freezing weather but look out when temps get up to 70°. I was ill for days after fixing the barn cleaner one time. In addition to the danger inside the building, prevailing winds can carry the heavily concentrated methane into surrounding buildings. (Elwyn Krenke, Fremont, Wis.)



I always had trouble knocking my water jug off my 1964 Deere 3020 tractor (no cab) so I bolted a large vegetable can on the operator platform next to the seat. A 1/2 gal. Coleman cooler just fits into it. I painted the can John Deere green. (Marshall Forren, Marshall, Ill.)



Exotic Senepol cattle first came to the U.S. in 1977 from St. Croix Island in the Caribbean where they were developed early in this century by crossing the Senegalese N'Dama breed with Red Poll bulls. They're a fantastic breed - extremely heat-resistant and tough, able to survive on scrub land that other cattle couldn't tolerate. They can survive several days without water and will thrive on sparse grass with no supplemental feed. Research by animal scientist Will Butts at the University of Florida has shown that Senepol-Angus crosses perform as well as Brahman-Angus. In other research, the breed did well as far north as Tennessee and Kentucky.

Senepols are extremely docile and easy to work. In fact, bulls are left as bulls - no "steering" needed because they're so gentle and gain weight fast. Calving is easy due to low birth weights but they grow rapidly, weaning at an average 500 lbs. They inherited the Red Poll's excellent mothering ability and heifers reach first estrus at an early 10 1/2 months, with bulls producing potent semen at 12 to 14 months. It's a medium-size breed, with cows weighing 1,000 to 1,200 lbs. and bulls 1,800 to 2,000 lbs. at maturity. (Charles R. Eanes, Jr., P.O. Box 1034, Thomasville, N.C. 27361)



You can keep cool on the hottest days with our new umbrellas designed for garden tractors and riding mowers. They're 54 in. in dia. and made out of lightweight nylon material. They mount on the implement hitch, if provided, without any drilling or alteration of tractor. Two color combinations available - red and white or green and yellow. You can use them on any lawn tractor without restricting use of other attachments. Slips out easily on shady days when it's not needed. Sells for \$75. (Roger Brannaman, K & R Distributing, Inc., 1404 W. Church St., Marshalltown, Iowa 50158 ph 800 383-3908)



I received my first issue of FARM SHOW today and was impressed with the innovative array of equipment featured. We make feed and fertilizer boxes and spreaders and I thought you might be interested in this new gooseneck feed delivery truck we recently introduced. It's designed for livestock producers with animals at more than one location who have to move from farm to farm. It lets you use your pickup, eliminating the investment in an additional truck, and is self-powered with a 23 hp. gas engine driven hydraulic system. Holds 8 tons of feed in two equal compartments. The 8-in. auger reaches over 26 ft. high to storage bins. It has tandem axles with dual tires, equipped with electric brakes on both axles. During harvest you can use the trailer to haul grain from the field.

We introduced the trailer at the World Pork Expo in June and response was tremendous. People from all over the world have expressed interest. (Bob Simonsen, Simonsen Mfg., Quimby, Iowa 51049 ph 712 445-2211)