



Calf "bottle holder" is designed to hold 2-qt. milk bottles.

"Bolt-On" Milk Bottle Holder For Calves Attaches To Hog, Cattle Fence Panels

"It's a great time saver when you have to feed milk to several calves at a time. All you do is put the bottle in the holder and let the calf drink from it," says Ferguson Feemster, Springfield, Mo., about his calf "bottle holder" that's designed to bolt onto hog or cattle fence panels or even a wood 2 by 4.

The bottle holder is designed to hold 2-qt. milk bottles. It consists of a 14-ga. galvanized steel bracket that has back and side flaps to keep the bottle secure. Two 1/4-in. carriage bolts are used to attach the unit to the fence panel at an angle.

"We've used them for several years with no problems," says Feemster. "We came up with the idea because we sometimes have to feed 25 to 40 calves at a time, and it's hard to hold the bottle up individually for that many calves. The bottom part of the bracket has several bolt holes in it so the unit can be



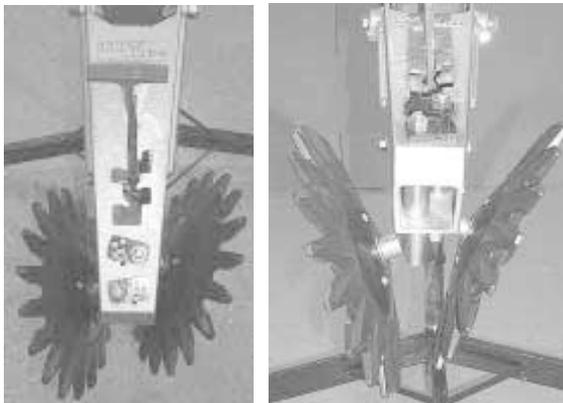
Steel bracket has back and side flaps to keep bottle secure.

bolted to panels even if they're placed upside down. It can also be bolted to 4 or 5-in. wide boards using longer 1/4-in. carriage bolts."

Sells for \$6.50 plus S&H.

Contact: FARM SHOW Followup, Feemster Dairy Farm, 2171 E. Farm Rd. 94, Springfield, Mo. 65803 (ph 417 833-3164).

Closing wheel arm lets you adjust angle of closing wheel by up to eight degrees. There are two sets of adjustment tabs, one for each side of the row.



Adjustable Closing Wheel Arm For Deere, Kinze Planters

"Our new adjustable closing wheel arm for Deere and Kinze planters lets you adjust the angle of the closing wheel by up to eight degrees so you can vary the amount of soil put over the seed when closing the trench to match soil conditions," says Pat Reinhart, May-Wes Mfg., Hutchinson, Minn.

The closing wheel arm replaces the planter's original arm and is equipped with two sets of adjustment tabs, one for each side of the row. Each set of tabs offers 4 different positions at 2-degree intervals, allowing the angle of each wheel to be adjusted up to a total of 8 degrees. To change the angle of the wheel you simply loosen a nut on a spindle and tab and pull it out, then insert the bolt in another hole and tighten the nut.

"It works great in no-till, minimum, and conventional till," says Reinhart. "A sharper angle shatters sidewall compaction and drags more loose or fine dirt gently over the top, helping to eliminate air pockets which harden

the ground and inhibit seed growth. Today's farmers sometimes have to plant in wet field conditions. The angle of conventional fixed closing wheel arms can cause heavier soils to slab over the trench, putting a lot of down pressure on the seed. Seed growth slows and reduces yields. You can often solve the problem simply by adjusting the angle of the closing wheels.

"The closing wheel arm is equipped with a spring adjustment bracket and with our Perma Fix ultra-wear greasable bushings, which provide more than seven times the wear surface of factory bushings."

The closing wheel arm can be used with or without the company's poly closing wheels. It sells for \$225 plus S&H without the wheels and \$339 plus S&H with them.

Contact: FARM SHOW Followup, May-Wes Mfg., Inc., Box 519, Hutchinson, Minn. 55350 (ph 320 587-2322; fax 6112; Website: www.may-wes.com)

"Made It Myself" Inventions From Britain

Every year the top British farm magazine, *Farmer's Weekly*, runs an inventor's contest. Here, courtesy of the magazine, are a few of this year's winners that caught our eye:

Spiral Pipe Cutter

Alun Hughes designed this simple tool to cut plastic water pipe in a spiral pattern so he can use it as a protective wrap around hydraulic pipe, electric cables, etc.

The tool consists of a 4-in. long piece of metal tubing that's slightly larger in dia. than the pipe to be cut. A cutter blade, made from a sharpened piece of hacksaw blade, is fitted to a plunger inside the handle. The blade extends out through a slot angled at 65 degrees, giving it the correct cutting angle.

To use it, you simply feed pipe into one end of the tube and rotate the tool around using the handle. It makes a spiral cut and



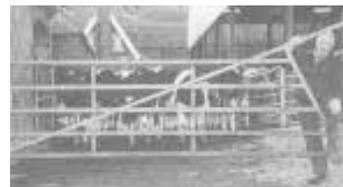
Alan Hughes and his spiral pipe cutter. "walks" the tool along the pipe. When you've cut enough pipe, you just withdraw the blade and slip the tool off. (Alun Hughes, Home Farm, Berwick, Shrewsbury, Shropshire, England)

Walk-Through Farm Gate

Conventional farm gates are great for keeping livestock in but they're not so convenient for humans. That's what prompted Robert Jeffery to come up with this new design that lets people walk through without opening the gate.

Jeffery designed a triangular-shaped opening into one side of the gate that's big enough for a person to walk through but will keep out everything from sheep to cows.

There has been so much interest in the gate that Jeffrey has put it on the market.



New-style gate lets people walk through without opening the gate.

(Robert Jeffery, Jeffery & Son, Aston House, Sudbury, Ashbourne, Derbyshire DE6 5AG ph 011 44 1283585410)

Slurry Warning System

Walter Wright's invention is designed to solve the problem of trying to tell how much room is left in a big slurry tank without having to climb up and take a look.

He simply fitted a 9-in. dia. ballcock (like you find in a toilet tank) on a rod attached to a pivot point. A large red-colored "lollipop" shaped disc attaches to the other side of the pivot. The boyant ballcock rises as the slurry nears the top, raising the lollipop alarm high into the air. It's easily visible, even from a nearby farm road. (Walter Wright, Greenfield Farm, Stranerae, Wigtownshire, England)



Wright fitted a 9-in. dia. ballcock on a rod attached to a pivot point. Ballcock rises as slurry nears the top, raising "lollipop-shaped" disc into the air.

"Mechanical Recorder" Measures Engine's Actual Working Time

Keeping track of actual work time, as opposed to time spent idle, is possible with this new "mechanical time recorder" which is imported from Australia by R & B Mfg., Inc., Riverside, Mo.

"Custom combiners can use it to show their customers the exact amount of time spent harvesting crops. It also helps with preventative maintenance by telling you how many hours the engine has actually been working as opposed to idling," notes R & B's Richard Hedgecock.

The recorder consists of a weatherproof clock that simply bolts onto the frame of the vehicle. A circular piece of chart paper slips into the back of the clock. A sapphire stylus attached to a freely oscillating pendulum picks up the vibration of the machine and etches the chart, recording running and idle or stop times. All stoppages are clearly recorded according to time, duration and frequency.

Two different models are available - one with a recording period of 24 hours and the



Recorder helps with preventative maintenance by telling you how many hours the engine has actually been working as opposed to idling.

other with a recording period of 8 days. Both models are accurate to within two minutes. No recording can be erased or altered undetected. The unit is equipped with a safety lock and a key.

Sells for \$598 plus S&H.

Contact: FARM SHOW Followup, R & B Mfg., Inc., 4948 NW High Drive, Riverside, Mo. 64150 (ph 816 587-9814; fax 4294).