



**New grapple bucket is designed to scoop up brush, rocks, and other debris but leave the dirt in place. Bucket is available with or without a grapple.**

## “Lift And Sift” Bucket For Skid Steer Loaders

“Our new Lift and Sift grapple bucket is designed to scoop up rocks and other debris but leave the dirt in place,” says Larry Coon, E-Z Implements, Inc., Jordan, Minn.

The quick tach bucket is different from conventional models in that it has an open back side formed from steel rods. Also, the digging teeth on front have replaceable tips. The 2-in. wide, 4-in. long teeth are similar in design to the ones used on backhoes and excavators. The tips can be replaced simply by using a punch to drive out a pin.

“The teeth are supported by a separate steel plate which keeps them from bending as the bucket digs into the ground. The teeth on other rock buckets stick out from the bucket with nothing to support them, which allows them to bend under pressure.

“The bucket is available with or without a grapple. It’s equipped with a universal quick tach plate that fits any current skid steer model. If you have an older style skid steer loader you’ll need to make an adapter plate.”



**Bucket has an open back side formed from steel rods, and digging teeth on front with replaceable tips.**

Available in widths from 54 to 78 in. The grapple bucket is available in 70 and 78-in. widths.

Prices vary from \$2,300 to \$3,500, depending on size and whether it’s equipped with a grapple.

Contact: FARM SHOW Followup, E-Z Implements, Inc., 3311 N.W. 166th St., Jordan, Minn. 55352 (ph 800 278-2531 or 612 492-2867; fax 7706).



**Steve and Joe Peters converted a mid-1970’s Ford tandem axle, 13 cubic yard dump truck into this dump trailer. Tractor pto-drives truck’s original hydraulic pump.**

## Old Truck Makes Low-Cost Dump Trailer

“My brother Joe and I needed something heavy duty to haul dirt and rocks on our farm,” says Steve Peters who farms near Clark, S. Dak.

The two men paid \$1,000 for a mid-1970’s Ford tandem axle, 13 cubic yard dump truck. They removed the cab, engine and transmission and cut off the frame behind the cab. Then they bent the front part of the frame rails together to form the hitch. They welded an additional set of truck frame rails beneath the original truck frame to provide extra support. The reinforcing rails start just ahead of the front axle and extend forward to the hitch. A 3-ft. long pto driveshaft is used to drive the dump truck’s original hydraulic pump which operates the hoist cylinder.

“It has a super duty frame and hitch so we

can pull it fully loaded over almost any kind of terrain,” says Steve. “We’ve used it to haul dirt, gravel, rocks, and manure for two years with no problems. Total cost to build it was less than \$1,200. We use a 1985 Case-IH 9110, 200 hp 4-WD tractor equipped with front and rear duals to pull it. It works great for hauling chunks of frozen manure that might damage our manure spreader.

“At first we tried using a hydraulic motor that operated off the tractor hydraulics to operate the hydraulic pump. However, it was underpowered for big loads so we bought a driveshaft and mounted a sprocket on the end of it so we could chain-drive the pump.”

Contact: FARM SHOW Followup, Steve Peters, Rt. 2, Box 88, Clark, S. Dak. 57225 (ph 605 532-3210).



**Tractor-mounted injection system uses 50-gal. reservoir and pto-powered roller pump to inject nutrients into bale. To use, you spear bale and then activate pump to treat it.**

## Bale Injection System Makes Hay More Palatable To Cattle

You can make even poor quality hay more palatable to cattle with this new tractor-mounted injection system.

The newly patented Haymaker system has a 50-gal. reservoir that injects nutrients into as many as 25 1,000-lb. bales before refilling. The company offers two nutritional formulas that make even the oldest, poorest hay more palatable to cows. It mounts on a 3-in. box steel frame on the rear of the tractor or it can be fitted to a front-end loader. Along with a main bale spear, the frame is fitted with four 48-in. long, stainless steel prongs that inject the solution into the bale with a pto-powered roller pump.

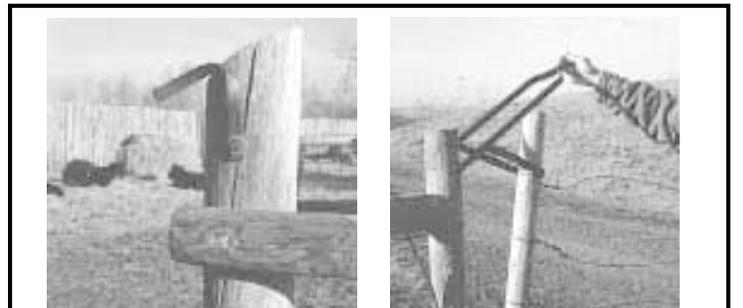
To use, you simply spear the bale, then activate the pump to treat it. A 1,000-lb. bale takes less than a minute to treat, according to Haymaker, manufacturer.

One Haymaker formula, “Sweet Roll”, is

molasses-based and enhanced with vitamins and minerals. It costs about \$1.25 to treat a 1,000-lb. bale. The other solution, “Protein 100”, revitalizes hay with aroma and taste, as well as protein supplements, vitamins and minerals, and costs about \$3.50 to treat a 1,000-lb. bale.

The injection systems are available in rear-mount and front-end loader-mount models. They sell right at \$1,975 for either the front or rear-mount system. Tandem-mount system that fits both front and rear of the tractor sells for about \$3,700.

Contact: FARM SHOW Followup, Haymaker Nutrition Injection Systems, 12 Hefner Drive, E. Ellijay, Ga. 30539 (ph 800 252-0658 or 706 276-2603; fax 706 276-2613; E-mail haymaker@ellijay.com; website www.haymaker.net).



## One-Handed Gate Latches

Here are three simple, inexpensive gate latches made by Stan and Francis Harder of St. Brides, Alberta.

One latch consists of two lengths of strap iron formed into loops. The smaller loop bolts to the sides of the big loop and the big loop bolts to the gate post. To close a gate, you slip the small loop over the pole on the end of the gate panel and pull back.

An H-shaped latch consists of two pieces of strap iron with a short cross piece that forms the “H”. The latch hinges up and

down on a bolt. To hold the gate you simply flip it down on either side of the gate.

A third latch was designed for a one-way opening gate. It consists of a length of strap iron twisted to form a hook. A lag screw or bolt secures the latch to a wooden post and also serves as a hinge, allowing the latch to be lowered over the gate’s top bar.

Contact: FARM SHOW Followup, Stan and Francis Harder, St. Brides, Alberta, Canada T0A 2Y0 (ph 403 645-1881).

