



Boards fastened to the top of the fence are designed to “dress it up”. Steffanson also paints fences white.

“THEY’RE LOW COST AND EASY TO BUILD”

He Makes Fences Out Of Whole Used Tires

Junked tires can be used to make low-cost fences, corrals, and windbreaks, says Paul Steffanson, a farmer from High Level, Alberta, who has patented several fence-building designs and is turning the idea into a business.

Steffanson has formed a recycling company to turn stacks of whole used tires into permanent livestock fencing, driveway entrances, and windbreaks.

“Using whole tires to make fences and corrals saves you money and is also good for the environment. The tires will last indefinitely and do not break down.”

In one of his designs, truck tires are placed upright in a shallow trench and set side by side. A 2 by 4 is laid flat across the top of the tires and nailed to them. A 2 by 10 is placed on edge and nailed to the 2 by 4. Dirt is then packed around both sides of the tires. “It makes a fence that’s 50 in. high. The boards add stability and also give the fence a more finished look,” says Steffanson.

Another style involves stacking car or truck tires in towers spaced about 8 in. apart and leaning toward each other as they go up. There’s a wood post at the center of each pile. The posts are wired together between rows, like lacing a shoe. “The posts are necessary because over time sunlight can cause the

south-facing row of tires to weaken and sag downward. The posts keep each column of tires rigid.”

He’s experimenting with using whole tires as decorative entryways to driveways. The design consists of a 10-ft. high earth mover tire, a rear tractor tire, and truck tire. The tires stand next to each other in descending order of size. A “fence row” is then made by placing a truck or car tires on their sides in an overlapping, “stair step” design.

He’s even used double rows of truck tires to make an 8-ft. high sound barrier that’s placed next to a highway that runs alongside his home.

“A fence stacked two rows deep and five tires high, running 50 in. high (slightly higher than the average barbed wire fence) and half a mile long, uses about 10,100 tires. To start a job for a client, I contact dealers in the area and arrange for delivery of the tires. Some tire dealers will even pay farmers to haul away their tires so they don’t have to pay a tipping fee. How else can you get the material to build a corral or fence and get paid for it?”

Contact: FARM SHOW Followup, Paul Steffanson, Box 642, High Level, Alberta, Canada T0H 1Z0 (ph 403 926-2955; fax 4930).



This fence, made with staggered truck tires, is very stable, says Steffanson.



Half tires stand upright in a shallow ditch to make a fence. Note: To avoid snow buildup, the Wenzels no longer put plastic barrier between tires as shown in photo.

11-FT. DIA. EARTHMOVING TIRES MAKE GREAT LOW-COST FENCES, CORRALS, WINDBREAKS

“Tire Fencing” Made From Big Tires

Old earth-moving tires can be used to make low-cost fences, corrals, and windbreaks that stand about 8 ft. high, says Roger and Lauri Wenzel of Mitchell, S. Dak.

They use tires that are 10, 11, or 12 ft. in diameter. They cut each tire in half lengthwise, then use a backhoe to dig a trench that’s 18 in. wide and 3 ft. deep. A front-end loader is used to lower each piece into the trench in two rows, with the tires placed back to back and overlapping each other. Then 6-in. lag bolts, two per tire, are used to fasten the tires together. Soil is then backfilled into the

trench.

“Tire fencing is easy to set up and relatively low cost,” says Roger. “They work great as windbreaks in areas where there are few trees.”

The Wenzels have a good supply of tire rings on hand and sell them for \$10 apiece plus shipping. A semi load of 27 tire rings will cover about 150 linear ft. of fence.

Contact: FARM SHOW Followup, Roger Wenzel, 40425 252nd St., Mitchell, S. Dak. 57301 (ph 800 657-8085 or 605 996-5423).



A view of tires in ditch before back filling makes them stand up.



The Wenzels also make innovative tire scrapers for front-end loaders that can be used as giant “squeezegees” (left) or as scraper blades to push snow, manure.



This innovative waterer freezes up less quickly than conventional waterers made from tires. Access holes are cut in sidewalls rather than removing the entire tire sidewall, as is usually done.

Some of the best new ideas we hear about are “made it myself” inventions born in farmers’ workshops. If you’ve got a new idea or favorite gadget you’re proud of, we’d like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? Send to FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or call toll-free 800 834-9665.

Mark Newhall, Editor

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