We're producing a new heavy-duty "lifetime" cattle mineral feeder and protein block feeder that may be of interest to your readers. The base of the feeder is made from concrete and it's got a 14-ga. steel canopy over the top. The feeder can be moved easily with a front-end loader. We've used these on our farm for 6 years with great satisfaction and have made and sold several to our neighbors. They sell for $125 and should last a lifetime.

Joe Bollinger
HCR 62, Box 3
Sedgewickville, Mo.63781
(ph 314 866-2177)

As a small-time pork producer I needed an inexpensive way to haul a few head of hogs at a time to market. I could not justify the cost of a commercially-built trailer so I turned to

my scrap pile. We had junked out an IH 58 planter equipped with four transport wheels (an option for carrying fertilizer). By cutting down the frame and rearranging the wheel brackets, I formed a simple tandem axle that makes a good base for a trailer. I used scrap angle iron and lumber to complete the hog-carrying box. I equipped it with a drop-down gate for easy loading and unloading. I've hauled many trouble-free loads with it.

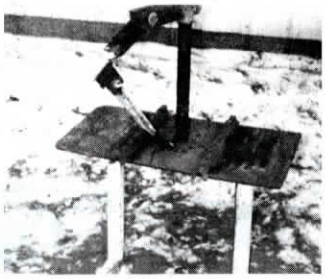
David Charlson
Rt. 2, Box 50-A
Clarion, Iowa 50525

About a year ago FARM SHOW featured my video guide for training Border Collies. Response was tremendous. Now I think our new "Video Fence-Building Guide" will also be of interest to your readers. It's a 2-hr. color video that gives farmers and ranchers hundreds of miles of fence-building experience. I got lots of fencing experience on our family ranch near Aetna, Kan., and then started my own fence-building business several years ago. In the course of business, I've designed a wire unroller (do-it-yourself instructions included in video) that fits on the bumper of a pickup and works as an endgate when up and as an unroller when down. I built another unroller that'll unroll 5 rolls of wire at the same time and fits on any full-sized pickup. It can be built with equipment laying around most farms and will let anyone unroll a quarter of a mile of five-wire fence in as little as 5 to 10 min.

In the video I show how to build barbed and woven wire steel and wood post fences from start to finish, including everything from how to build good corner brace assemblies to stretching the wire. I also cover rolling up old wire, how to drive posts the easy way, how to splice wire, and many safety tips that could save injuries and lives.

The video sells for $49.95 plus $2 shipping and handling.

Russel W. Graves
Graves Fencing
Box 26A
Hardtner, Kan. 67057
(ph 316 296-4645)

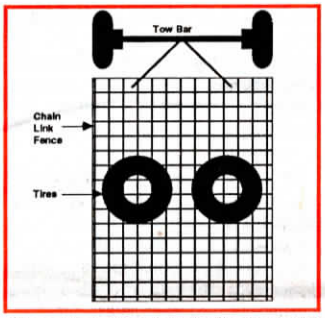


Changing tires at home has always been a big chore. I used to break beads with the front tractor tire. Now I've come up with my own tire changer for about $10 worth of parts. It works great and has saved me time, money and aggravation.

William Linnenbrink, Jr.
Rt. 2, Box 116
Ft. Madison, Iowa 52627

I really like FARM SHOW magazine. Especially enjoyed Bill Fogarty's report in the last issue on "what's your guess on tractor market share?" I would like to know what the market share is on combines and other farm equipment.

Marvin Wiens
Beatrice, Neb.



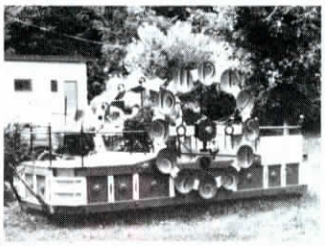
My pastures are covered with cow patties from my cows but for them to do any good for the soil, they must be spread into the surface. So I made a cow pattie spreader that can be pulled over the field with any small tractor or pickup. I took the front wheels from an old riding mower and welded an angle iron frame between them. I then welded the end of a large piece of chain link fence to the angle iron frame. I simply pull the fence over the field. To keep the fence from running over the tops of the patties, I put a couple tires on top of it to weight it down.

Robert E. Smith
Rt. 1, Box 211
Hatfield, Ark. 71945
(ph 501 389-6487)

FARM SHOW readers may be interested in our stacking toolbar which keeps the ends of the bar parallel to the ground at all times to keep seed from spilling out of hoppers. The bar is rugged and simple. Each end wing is activated by a single hydraulic ram which raises it into the stacked position. We also manufacture an add-on quick hitch connector for toolbars that provides quick attachment and unhitching.

Jack H. Hill, President
Western Hills Mfg.
P.O. Box 387
Burley, Idaho 83318
(ph 303 678-9300)

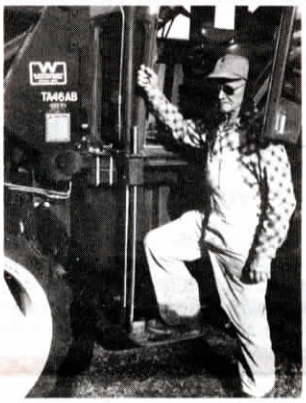
We built this self-propelled car clock to take to fairs and parades. Underneath the giant working pair of clocks is a 1969 Buick LeSabre. The clock hands are powered on both sides. There are minute and hour hands. The clockworks are powered by the car's engine, driving them through two AMC starter flywheels and then through a pumpjack with two counter-rotating shafts, then through two Deere manure spreader ground drive beater sprockets. It's all con-



trolled with a V-belt clutch on a mall chain saw gear box. The hour numbers are painted on old disc blades. The top half of each clock face folds down for transport.

Wally Keller
3931 Hwy. 78 North
Mt. Horeb, Wis. 53572

I'm 81 years old and built my own personal "man lift" four years ago when I was 77 and a combination of age and arthritis made climbing into the tractor cab difficult. I built the lift by assembling parts and components from various hydraulic supply catalogs. My son Fred built the guide rod assembly . My grandson Earnest Glenn and I did the as-



sembly, mounting and construction of the tread plate. A hydraulic pump driven by a 24-volt electric motor actuates a hydraulic cylinder which extends and retracts to lift the tread plate from 12 in. above ground level to cab floor height. The switch that activates it is located just inside the cab, an easy reach from the ground.

The lift has been in continuous use for 4 1/2 years and has been trouble-free. While it would be possible to use the tractor's own hydraulic power to operate this lift, I strongly advise against it because the tractor would have to be started. This could create an unsafe condition.

Roy Frankenberg
Rt. 1, Box 6
Purcell, Okla. 73080
(ph 405 527-3146)

Several years ago (Vol. 9, No. 5) FARM SHOW ran a story about my husband Frank and the severe allergic reactions which forced him to move out of the family home and into an all-wooden building where he lived by himself. He was, and is, allergic to just about every man-made product you can think of, including farm chemicals, fuels, plastics, nylon, perfume, most foods, paint, engine exhaust and just about everything else in modern society that's not a 100% pure and natural organic product. He started suffering from "20th Century Syndrome", as some people call it, in his early 20's and it got progressively worse over the next 15 years until he was almost totally incapicitated and had to abandon farming. It's only in the past few years that doctors have learned how to diagnose the disease.

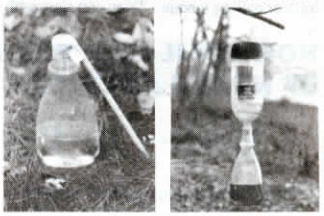
We're writing now to let FARM SHOW readers know what's happened since your report. Soon after your 1985 story he sold his farm in Saskatchewan and moved with his family to British Columbia. The restricted lifestyle he was forced to live finally led to a divorce in early 1986. While in British Columbia, he met me. I also suffer from severe chemical sensitivities. I've been sick since 1970 but was not diagnosed till 1984. We were married and together we traveled for 7 months all over the western part of the United States, into Mexico and Hawaii searching for an environment we could live in. The only place that suited us was on top of a 9,000-ft. mountain in northern Nevada. But whenever we came down off the mountain, we'd get sick again. Finally we were weary of traveling and returned to Saskatchewan. We bought a house in the northern part of the province but, unfortunately, the house didn't agree with us and we were forced to move out after only three months. Then we bought 160 acres in the country and consulted an environmental engineer and together we built an all non-toxic home. Our health has improved tremendously since then and Frank has been working full-time for a financial services company for almost a year. We're living a near normal life now although we still have poor tolerance for many foods.

Because of the publicity we have received, last summer we had three people with "20th Century Syndrome" boarding with us. We're also considering putting up a building with three apartments on our property. We'll gladly talk by phone to anyone with similar health problems. We'd like to share what we have learned about the disease and how to handle the many problems that it can cause.

Jerilyn Whitley
Box 104
MacDowall, Sask., Canada
(ph 306 922-4819)

I'm sending along photos of a couple traps I've come up with made out of simple household containers.

You can make a great mouse trap using a large size mouth wash bottle and a short stick. Put about 2 cups of water in the bottom of the bottle and lean the stick up against it, taping the upper end in place against the neck. When mice sense the moisture in the



bottom of the bottle, they'll go up the stick, fall in the bottle and drown. During winter you can use windshield washer fluid instead of water.

You can make an effective trap for Japanese beetles with two plastic bottles. Put 2 cups of soapy water or used motor oil in the bottom of one bottle and turn the other bottle over on top of it, joining the openings. Cut a window in the side of the pop bottle and hang a small can of fruit cocktail inside with the top open. The fruit will ferment in the sun. Beetles will enter, get drunk, and fall into the bottom bottle.

One handy idea I've discovered for use in a garden is to use water pumps off junked car engines to irrigate. Put a short length of hose on one end with a screen on it and an output hose on the other end to water plants. The pumps can be easily driven by any small electric or gas motor.

Harold Bailey
"The Friendly Trapper"
3014 Middletown Road
Columbiana, Ohio 44408
(ph 216 549-2010)