

screen and then enters a turbulent air stream created by a venturi inside the unit. The insecticide comes out in a cloud



in a nice, even flow.

You don't have to mix anything, there's no corrosion, and no need to clean the unit after you're done using it. It also works fast - if you have just a few plants you can finish dusting them in the same time it would take just to mix up liquid chemicals. Works great with environmentally safe products such as diatomaceous earth, Sulfur, Sevin, etc. Sells for 29.95 plus \$1.50 S&H.

The Le Weeder is designed to get rid of very small weeds. It's equipped with a



triangle-shaped, sharpened stainless steel blade that allows precise weeding and thinning around delicate plants. The handle is made of high-impact plastic and is contoured for a natural, comfortable grip. Overall length of the tool is 9 1/2 in.; the blade itself is 3 1/2 in. long. Works great when you're thinning carrots, beets, because you can work up close to the plants without disturbing the roots. Sells for \$6.95 plus \$1.00 S&H. (John M. Cole, R.J. Winmore, Inc., Box 1765, Sioux Falls, S. Dak. 57101 ph 605 332-0223)

I converted my 1977 Wheelhorse C161 garden tractor into an all-weather rig by mounting a homemade cab on it as well as a hydraulically-operated, 5-ft. snow blade on front. The cab has two big 1/4-



in. thick plywood doors and big windows on all sides so the driver has a great view. The windows are acrylic plastic panels which are much safer than glass and won't shatter. The windows are screwed into wooden frames from the outside so they can be easily removed if they ever crack or break. The cab doesn't have a heater, but the windows are big enough that sunlight helps heat up the cab during winter.

I used 1 by 1-in. sq., 1/8-in. thick steel tubing to make the cab's frame. With plywood doors and plastic windows, the cab is lightweight. In fact, by removing six bolts one person can lift the cab straight up and off in almost no time at all. I remove the cab every summer and use the tractor with a belly-mounted deck to mow my large lawn. I used 1/8-in. thick, 3/4-in. angle iron to make the door frames. I painted the cab red to match the tractor color.

The blade works much like a pickup-mounted snowplow and quick taches to brackets that were already on the tractor.

The blade is raised or lowered by a single 10-in. hydraulic cylinder and angled left or right by a pair of 12-in. cylinders. (John Laager, N-12695 Gorman Ave., Thorp, Wis. 54771 ph 715 669-5144)

We've been selling this floating water filter for years in our local area and would like others to know about it. It's designed to draw water from a lake or pond. The



intake is just below the surface where it can draw water of a higher quality.

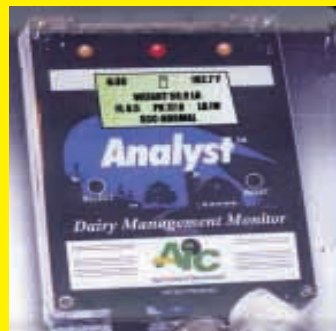
The unit measures 36 in. high and 10 in. in diameter and is made from aluminum. Flotation foam inside the unit causes it to float. The bottom 24 in. is perforated and is equipped with a 1-in.



dia. polyurethane element that works as a filter to remove most particles commonly associated with pump or valve problems. Because the element is made from polyurethane, it is washable and can be reused. The element will filter out almost all separate visible particles. If the water being filtered has dissolved mud in it, the discharge may be cloudy but small particles which tend to clog nozzles, valves, sprinkler heads or pumps will be trapped inside the element.

The bottom of the unit can be hooked up to a pump or gravity feed line.

Sells for \$204.50 shipping included. Other models are also available. (John Smith, Solarn Mfg. Co., Inc., 406 Maple, Jerseyville, Ill. 62052 (ph 618 498-5612; Website: www.solarn.com)



Our new milk management monitor provides management information at your fingertips during milking.

The Analyst Milk Monitor was invented by a dairy farmer in eastern Ontario with an engineering degree. It's designed to provide instant information at the cow's side about milk production, milk temperature and temperature alarm, milk flow, and end-of-milking indication. The milk enters a flow sensor after leaving the milker claw, and the results are then displayed on an electronic display that's powered by a 12 or 24-volt supply, AC or DC, pulsating or steady current. Components include a stainless steel detacher cylinder, vacuum shutoff valve, and vacuum shifting valve.

The unit is adaptable to both new and existing systems. It can activate detacher units and also is included with a tie stall detacher. The Analyst also provides somatic cell and environmental stress indication. It can be used in both tie stall

and parlor installations. The parlor system can be adapted to the herd tracker program for total herd analysis.

Several units are in operation in Ontario and some northern U.S. states. (Rick Richardson, Milkmeter.com, Box 278, Drayton, Ontario, Canada N0G 1P0 ph 519 574-8387; fax 519 638-2178; E-mail: rick@milkmeter.com; Website: www.milkmeter.com)

The story in your last issue about the tractor-mounted irrigator contained a slight error. Applying 1 in. of water to 1 acre requires 54,000 gal. The article states that the system can put 1 in. on 2 acres in three hours, based on a flow rate of 300 gallons per minute. However, 300 gal. times 180 min. equals 54,000 gallons. That's only enough for 1 acre. Putting 1 in. on 2 acres will require 6 hours. (Jack Griffith, Arlington, Texas)

I was concerned about an article in your last issue about cutting up oxygen tanks to make wind chimes. I was surprised that you would run an article like this without any warnings about the dangers of cutting into an oxygen tank. You should have pointed out that care must be taken to completely empty out any tank used for this type of project. Otherwise, they could explode. (Tom Kocher, Northumberland, Penn.)

Recycled compact discs can help keep birds out of crops and away from buildings, at least during the day when they are the most aggressive. The shiny, mirror-like surfaces of CD's are highly reflective and create a bright swirling rainbow of color. If you hang several discs around a fruit tree or the opening to a building, the blinding reflection will be too intense for their eyes.

The trick to hanging the CD's for maximum effect is to bend a 3-in. long piece of wire into the shape of the Greek letter omega (Ω). Make the loop part about 1/2 in. wide so it slips through the hole in the center of the disc. The "feet" of the wire should catch the edge of the hole so the wire hangar doesn't slip through entirely. Tie a length of fishing line to the center of the loop and the other to a branch. The shiny side of the disc should face up but will not be balanced perfectly so it'll tip to one side or the other, reflecting up at an angle. The discs should be able to rotate freely. (Paul Neher, Las Cruces, New Mexico, in Mother Earth News)

Here's a neat way to make row markers for your garden.



Cut the top and bottom off a 1-gal. white plastic jug. You can toss the top but the bottom can be used as a tray

under potted plants to catch water.

Make one vertical cut down the side of the remaining circle of plastic, and then mark off 1-in. wide strips. Cut off the strips and put a point on one end. Then you can write the name of each garden plant on the individual strips. (Howard Deatherage, 512 E. Main St., Casa Grande, Ariz. 85222)



I made this self-propelled weed wiper a few years ago from an old John Blue sprayer. The wheels are shielded on the front edge so we can drive through tall-growing crops. The folding wick mounts across the center of the machine and is easily adjusted up or down with hydraulics we took off an "E" Gleaner combine. We use this rig very little now that we've switched to Roundup Ready beans and cotton. It has a 2-cylinder Wisconsin engine on it. (Jerry Ewell, 1533 Cotton Grove Rd., Jackson, Tenn. 38305 ph 731 422-6955)

The photo in your last issue of the 2-headed calf brought to mind a recent visit to the Kingman County Historical Museum in Kingman, Kan. They have an exhibit of 2-headed calves as well as a mounted calf with 8 legs.

I strongly recommend that anyone passing near Kingman should stop and visit the museum. They have a wealth of farm-related antiques and historical memorabilia. (Ivan L. Pfalser, RR1, Box 162, Caney, Kan. 67333)

I put old truck tires around my mini fruit trees when I plant them. They reduce the pile of used tires and look very neat around the trees. What I like is that I'm making use of waste material. (Brenda Monroe Morford, Corydon, Ind.)

When a cow has a calf on a cold day or night, I often find myself trying to chase



them into the barn. This involves a lot of stress for both me and the cow. So, I finally figured out that since the goal is to protect the calf from the cold, why not just bring the barn to the calf? So I made up a couple wooden boxes with small openings at the bottom. I place it over the calf, after bedding is spread on the ground. The cow can see the calf and will stay by the box. This idea has worked well for me with a lot less hassle. (Roger Kuntz, 5251 County Road X, Grainfield, Kan. 67737)

I'd like to hear from anyone who can help me locate a Fish carburetor. I want to put one in my 1974 Dodge pickup. (Roger Kuntz, 5251 Co. Rd. X, Grainfield, Kan. 67737 ph 785 673-5560)

Editor's Note: As far as we know, the Fish Carburetor is not currently being (Continued on next page)