



Ian Bruce of New Zealand built this simple but effective tree planter. It uses a round bin on top to hold up to 150 saplings.

## New Zealand Rancher Plants Trees With “Made It Myself” Rig

When you plant 8 miles of trees for shelter belts plus several forest plots in stony soil, you need all the help you can get. Ian Bruce of New Zealand, built a tree planter that helped him plant more than 40,000 trees over a couple decades with a 97 percent survival rate.

After working up the soil three times, he attaches his homebuilt planter to his tractor’s 3-pt. hitch. A round bin on top holds up to 150 1-year-old saplings. His home-built “knife” cuts a slot in the ground. As a driver pulls the planter, another person walks behind, placing trees in the slot.



Home-built “knife” cuts a slot in the ground. As the tractor driver pulls the planter another person walks behind, placing trees in slot.

“We tramp them and pull the small trees up a little to make sure the roots point downwards,” Bruce explains.

The system is simple, but has been very effective as proven by nice stands of 20-year-old trees that will be logged one day.

The trees are important for Bruce’s sheep

ranch. It’s very windy and the trees – up to seven rows deep – provide shelter, especially during lambing season.

Contact: FARM SHOW Followup, Ian Bruce, Leaches Rd., Hororata Rd. 2, Darfield 8172, New Zealand.

## Simple Walnut Huller And Cracker

Larry Palmby, Dover, Minn., built a walnut huller by mounting a wheel hub and tire on a metal frame.

The tire is shaft-driven by an orbit motor. Walnuts are fed into a metal hopper and drop down between the tire and a length of channel iron. The de-hulled walnuts fall into a pail.

“It really works good and it’s fast – I can dump a 5-gal. pail of nuts into the hopper and in less than 1 minute, 90 percent of the nuts will be out of their husks,” says Palmby.

“I rotate the wheel at 16 rpm’s. By loosening a double-nutted bolt I can vary the gap between the tire and channel iron, according to the size of the walnuts.”

He dumps the cracked walnuts onto a homemade 4 by 5-ft. sorting table to be hand sorted. The de-hulled nuts go down one hole into a pail and the hulls go into another hole. When the nuts are dry, he cracks them using a homemade cracker. It consists of a metal frame with a 10-in. long bolt that has a 4-bladed knife screwed onto the bottom of it. To crack, Palmby sets the nut under the knife and then hits the top of the bolt with a hammer.

Contact: FARM SHOW Followup, Larry Palmby, 607 County Road 10 S.E., Dover, Minn. 55929 (ph 507 273-4206).



Larry Palmby built this walnut huller by mounting a wheel hub and tire on a metal frame (above). Homemade cracker (below) is fitted with a 10-in. long bolt that has a 4-bladed knife screwed onto the bottom.



“You use just what you need, without any waste,” says Chris Kerfeld, who designed this E-Z Roll Stand to protect and roll out plastic silage sheeting.

## Roll Stand Reduces Plastic Waste

At \$3,000 for a 1,150-ft. roll of silage sheeting, farmers don’t want to waste it. So, Chris Kerfeld, who sells the sheeting, designed the E-Z Roll Stand to protect and roll out the plastic.

“With large rolls, you use just what you need, and what you’d lose on waste pays for the stand,” he says. “If you only use half of the plastic, just park it in the shed. Nothing’s going to damage it. The frame of steel protects it.”

He notes that farmers often use pipes, spears and payloaders to move the plastic around and end up making holes or tears in the plastic.

The 500-lb. heavy-duty stands are made by

a local, Sauk Centre, Minn., company out of powder-coated square tubing. Stands come with a quick hitch for a skid loader, and can be adapted for a 3-pt. hitch.

Cost for the basic master roll unit is \$895, but most customers buy the model with a top bar to hold the oxygen barrier wrap for \$1,250.

Kerfeld ships the E-Z Roll Stand on a pallet by freight. He adds that in addition to plastics for agriculture use, he sells plastic for ice rink liners – custom cut so there is no waste.

Contact: FARM SHOW Followup, Blue Lake Plastics, LLC, 44567 421st St., Sauk Centre, Minn. 56378 (ph 320 333-9255; www.bluelakeplastics.com).

## E-Z Drag Makes Game Handling Easier

The E-Z Drag game hauler received ample testing from its designer before going on the market. Paul Hershberger was sitting in his deer stand when he came up with the idea to make a more efficient way to drag deer. In the past, he used ropes that would slide off or legs would catch on brush.

After testing prototypes, he came up with E-Z Drag. “It has locking D-rings that stay tight. And we have loop handles for one or two people to actually have a handle to hold on to,” Hershberger says. “Also, we can get the feet and head packaged together in the direction you want to go.”

E-Z Drag is small enough to slip in a pocket and be available when you need it. After wrapping the webbing around the feet, you create a harness around the muzzle and

the back of the head and adjust the double D-rings.

The 3/4-in. nylon webbing is tough, and it’s wide enough not to dig into your hands as you pull. The deluxe model includes a 1-in. strap to wrap around your shoulder or waist.

Besides deer, E-Z Drag works well on other animals without horns, such as antelope, bear and hogs.

E-Z Drag comes in blaze orange and hunter green and costs \$19.95 (\$39.95 for the deluxe model). It’s available through Hershberger’s E-Z Outdoors website.

Dealer inquiries are welcome.

Contact: FARM SHOW Followup, E-Z Outdoors, 8990 State Route 39, Millersburg, Ohio 44654 (ph 330 231-9906; www.e-zoutdoors.com).



E-Z Drag game hauler lets you strap a deer’s feet and head together to make it easier to bring it out of the woods.