



Danny Guy mounted new Glencoe 6-row cultivator on back of tractor and reversed the controls. Home-built 3-pt. quick hitch attaches cultivator rigidly to tractor.

GREAT VISIBILITY, EASY TO OPERATE

He "Pushes" Cultivator On Back Of Tractor

A "backwards" 1973 International 1466 makes a great cultivator tractor for Danny Guy, Brighton, Iowa, who mounted a brand new Glencoe 6-row 30-in. "high residue" cultivator on back of the tractor and reversed the controls so he can push the cultivator through his crops.

"I wanted to push the cultivator rather than pull it because our farm has a lot of contours and hills. I didn't want to spend \$4,000 for an automatic guidance system. By reversing the tractor, I have a great view of the cultivator in front of me. I don't have to turn around and strain my neck. I think the same idea would work on any of the old International tractors, such as the 56 and 66 series, equipped with high-low transmissions that provide fast speeds in reverse," says Guy.

He reversed the row units on the toolbar by cutting off the welded-on mounting

brackets for the coulters and sweeps and turning them around. Row units are equipped with 18-in. sweeps. He built a new heavy-duty 3-pt. quick hitch that attaches the cultivator rigidly to the tractor.

The tractor was equipped with a high-low transmission with four ranges, providing eight forward gears and eight reverse gears. "I usually cultivate in third gear at 5 1/2 mph, but I can shift into fourth gear and idle down to 4 to 6 mph or up to 10 mph in fourth gear."

Guy switched the clutch and brake pedals and made new linkages for them. He switched hoses on the hydraulic steering pump to make the tractor steer the opposite way, mounting the steering wheel on an angle iron bracket.

Contact: FARM SHOW Followup, Danny Guy, 3270 Ginkgo Ave., Brighton, Iowa 52540 (ph 319 694-5466).

Solar Cemetery Light Glows All Night

When Diann and Delmar Plamp's daughter Kim died suddenly in 1989 at the age of 26, the Mitchell, S. Dak. family received several memorial gifts from friends. Among the gifts was a cemetery light that was lit by a burning candle.

"When we drove by the cemetery that first night, seeing the light marking the grave gave us all a sense of peace," says Diann. The problem was that they had trouble keeping the candle going. It would either burn down or blow out. Diann says she spent \$140 on candles the first year.

That's when she got the idea of putting a solar light on the grave. But to her surprise, she discovered that there was nothing available on the market. So Diann and her family decided to develop their own solar-powered memorial. It worked so well, this year they started manufacturing them in a shop on their farm, selling the glowing crosses to monument dealers, funeral directors and cemetery associations across the U.S. and Canada.

The "Peace Light" is a clear plastic 13-in. tall cross with an LED light inside it that provides a gentle glow rather than a bright light. The cross mounts on a polished granite base which attaches directly to the gravestone. During the day a small solar panel mounted on one side of the base recharges the battery. It takes just 5 hrs. of



The "Peace Light" is a plastic 13-in. tall cross with an LED light inside it that provides a gentle glow.

sunshine to power the light for up to 5 nights so even during periods of bad weather, the light almost always keeps shining. The light turns on at dusk and turns off at dawn.

The cross is available in clear or ruby red and the granite base comes in black, mahogany and gray. Sells for \$425. A less expensive model with a synthetic granite base sells for \$295.

Contact: FARM SHOW Followup, Cemeteries Aglow, Inc., Box 55, Mitchell, S.Dak. 57301 (ph 800 444-1429 or 605 996-1702).



Engine on new 6000 and 7000 Series tractors is isolation-mounted inside full-length steel frame. "Modular" design makes tractor easier to service, according to Deere.

"TOTALLY NEW FROM THE GROUND UP"

Deere Introduces New Mid-Range Tractors

The paint is the same color but just about everything else is brand new on these new 6000 and 7000 series tractors from Deere, according to the company which for the past month has been showing off the new tractor line to dealers from across North America.

The new turbocharged diesels include six models that range from 66 to 145 hp. The 6200, 6300, and 6400 at 66, 75, and 85 hp, replace the 2555, 2755, and 2955 tractors. The 7600, 7700, and 7800 models are rated at 110, 125, and 145 hp and replace the old 4055, 4255, and 4455.

"They're built new from the ground up and are the most researched and tested tractors we've ever brought to market as well as the most advanced tractors in their horsepower range ever built," says Neil Christenson, vice president of marketing.

New features include:

- Modular design that allows easier attachment of front-mounted loaders and mid-mounted sprayers and mowers, and easier access to components for quick servicing.
- "ComfortGard" cab has 40 percent more room, 29 percent more glass area, and lower sound levels than the SoundGard cab on 55 series tractors. Deere claims the new rubber-mounted cab is the tightest-sealed cab in the industry. Seat swivels from side to side and special attachments on cab posts make it easy to mount monitors, radios, phones, etc.

- Completely redesigned hydraulic system offers more capacity, faster cycle times, and quicker response.

- Beefed up electrohydraulic 3-pt. hitch lifts up to 10,500 lbs. on 7000 series tractors.

- Three new transmissions provide a wider range of speeds, including the 16-speed PowrQuad and 19-speed Power Shift transmission, both of which allow shifting between forward and reverse without clutching for easier use with loaders.

- The easy-to-read electronic instrument panel moves with the adjustable tilt and telescoping steering column.

- Caster/action MFWD is available for all models and features a 52-degree turn angle for tighter turns and increased maneuverability.

The modular component design of the new tractors allows the company to customize tractors to meet customer specifications in niche markets. It also allows continuous



New "cab-forward" design allowed engineers to design larger cab with 40 percent more room. Note relocated vents around instrument console.

improvements to be made to individual components. The engine is isolation-mounted inside a full-length heavy-gauge steel frame and is not a structural member of the tractor. The steel frame has a high payload capacity for mounting heavy front and rear implement combinations (a front-mounted 1,000 rpm pto is optional on the 7000 series tractors and a front-mounted Laforge hitch is also available).

The modular design also allows all major service points to be easily reached from the ground level. Even with a loader attached, you can get at the oil pan, air filter, coolant recovery tank, and other important check-points without difficulty. The fuel tank has been relocated to the back of the tractor and has a larger nozzle port to make refueling easier.

The first difference you'll notice on the new tractors is that the cab has been repositioned forward, allowing it to be widened while the rear wheels remain on 60-in. centers. The front hood is tapered down to shorten up sightlines in front of the tractor.

Deere has also introduced five new loaders for the new tractors with quick-change attachments. The new loaders also fit older models produced since 1960.