

## “Multiple Nozzle” Lets You Change Spray Rate From The Tractor Seat

You can change spray nozzles – and therefore the application rate – right from your tractor seat with this new remote control multiple nozzle.

The “Combo-Rate” nozzle was introduced at the recent Western Farm Progress Show in Regina, Sask., but is not yet on the market.

Multiple nozzle bodies mount in-line at each nozzle location. Air-controlled shut-off valves turn the nozzles on or off from the cab.

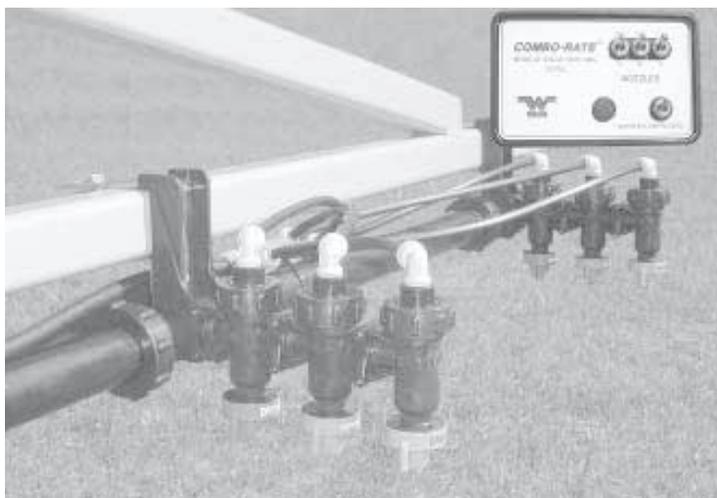
In the future a sprayer rate controller will be used to automatically switch nozzle tips to give you the rate you need to match your speed.

“The reason you want to change nozzles

is that some chemicals call for different rates at different speeds so you either have to change nozzle size or stay at a set speed,” says W.H. Wilger, Wilger Industries Ltd., Saskatoon, Sask. “The alternative is to adjust the pressure, but to double the application rate you have to quadruple the pressure and most nozzles won’t perform at too high or low a pressure.”

Wilger says he hopes to have the system on the market by this winter or next spring.

Contact: FARM SHOW Followup, Wilger Industries Ltd., Group Box 280, RR 4, Saskatoon, Sask., Canada S7K 3J7 (ph 306 242-4121; fax 4122; E-mail: wilgerind@sk.sympatico.ca; Website: www.wilger.net)



“Combo-Rate” uses multiple nozzle bodies that mount in-line at each nozzle location. Air-controlled shut-off valves turn nozzles on or off from cab.

## No Installation Needed To Set Up New Self-Starting Generator

You don’t need to pay an electrician to set up this new “Power Guard” self-starting generator from Dietsch Mfg., Hamler, Ohio.

Inventor Lee Dietsch says he didn’t like the way existing automatic back-up generators worked. So he designed a simple unit that you simply plug into the wall and hook up to whatever equipment you would like to run in case of an emergency.

The Power Guard system consists of an 8-hp. Homelite 4400-watt generator that produces 33 amps at 120 volts or 16 amps at 240 volts. He powers it with propane rather than gasoline. “The problem with gas is that it goes stale after a while. Propane lasts for years. You just have to start the engine up every 4 months or so,” he says. The generator can also be hooked up to a natural gas line.

You just plug the Power Guard into a 30-

amp outlet. If the power goes out, it activates the starter on the Power Guard, igniting the engine. The Power Guard has a built-in dual battery charging system that keeps it ready to go at all times.

Dietsch says if power goes out in the house, the generator is big enough to run several pieces of equipment – such as the sump pump, furnace, refrigerator and freezer. If you’re using it to protect livestock in a barn, you could use it to run ventilation, feeders, a well pump, or other equipment.

The Power Guard can also be used as a portable generator. Two men can carry the unit.

The unit sells for \$1,695.

Contact: FARM SHOW Followup, Lee Dietsch, Dietsch Mfg., P.O. Box 388, Hamler, Ohio 43524 (ph 419 274-3291).



Generator has a built-in automatic transfer switch. In event of a power loss, the generator automatically starts up.

## Semi-Trailer Mounted Round Bale Hauler

Round bales can be stacked two high on a semi trailer flatbed, but it takes a lot of time and labor to strap the bales down. Brian Babb of La Corey, Alberta, designed a new “double deck” bale hauler that hauls up to 40 bales at a time and unloads in 1 1/2 minutes.

The 53-ft. long bale hauler is designed to fit any 45-ft. long semi trailer. It consists of two cradles. A front-end loader is used to load bales onto the bottom cradle first. Then the top cradle is hydraulically tilted down for loading. Once the top cradle is full it’s hydraulically tilted back to level so that the bales on top rest against the bottom rows.

To unload bales, the bottom cradle is hydraulically tilted to one side, then the top cradle.

“It works fast and saves labor because no straps are required and no tractor is needed to unload bales,” says Babb. “The bales are much easier to load because they rest in the

cradle. Poorly tied bales are no problem.

“I came up with the idea because we have a ranch 10 miles from our farm and also custom haul bay. We were spending too much time loading and hauling bales. Now we can haul as many as 500 bales a day with a minimum amount of labor.

“We’ve built three bale carriers so far and have hauled more than 5,000 bales on the original one. Both cradles are built in two halves so if you want you can split the dump and unload 5 or 10 bales at a time per side per level. The bales drop off in a row when unloaded.”

Babb says the bale carrier can be made to fit any size trailer or truck bed.

Sells for about \$30,000 (Canadian).

Contact: FARM SHOW Followup, Babb & Sons Welding Ltd., General Delivery, La Corey, Alberta, Canada T0A 2E0 (ph 780 826-3399; fax 780 573-7620).



New “double decker” hay hauler is designed to fit any 45-ft. long semi trailer and consists of two cradles. Top cradle is hydraulically tilted down for loading.



Bale hauler hauls up to 40 bales at a time and unloads in 1 1/2 minutes.



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