

'DESIGNED FOR CONVENIENCE, EFFICIENCY'

They're Calling This "The Farmer's Sprayer"

A new farm spray rig that won a top invention award at the Western Canada Farm Progress show last summer is catching on fast with farmers across the U.S. and Canada because of what the company calls the sprayer's "farmer features".

The sprayer was designed for Vertec Industries Ltd., Vermillion, Alberta by Barry Rogers, an engineering consultant

"It has a 600 gal. tank that's only 46-in. high. The lid is located on the side of the sprayer so the farmer can pour chemical into the tank while standing on the ground," explains Rogers. "The tank is injection molded with a molded-in baffle to reduce sloshing of liquid, and thus wear and tear on the trailer and tank. A sump pump is provided to completely drain it.

"The 65-ft. or 88-ft. boom can be put into or out of transport in 90 seconds. To put the sprayer in field position, you simply back up until the booms are slightly forward, unlock the castor wheels and hook up the radius rods, which have a slip joint that makes matching up holes easy. All pins are attached, so you can't lose them, and spring-loaded for easy use.

"Booms are equipped with tandem beam outrigger wheels to maintain exact nozzle distances and give a smooth ride. Boom height is controlled by a hydraulic cylinder so you can spray the top of tall weeds, when necessary. A special nylon bearing dampens the action of the castor wheels, preventing wheel flutter. The boom is made of aluminum pipe and equipped with nozzles that can be changed or cleaned with a ¼ turn of the wrist.

"The pump and electric sprayer controls are mounted in the front of the sprayer for easy access and visibility. Electric pressure and boom



New sprayer has quick fold booms, and a low profile tank with molded in baffles.

controls are in the cab. It's equipped with a hydraulic-driven centrifugal pump which can handle powdered chemicals and the small amounts of dirt that may slip by the large 1¼-in. filter. Other simpler features, such as mounting the jack inside the frame where it can't damage an expensive tractor tire, have also been incorporated into the sprayer."

For more information, contact: FARM SHOW Followup, Vertec Industries Ltd., Box 840, Vermillion, Alberta Canada TOB 4M0 (ph 403 853-2901).



The Running-W system of breaking horses is a compilation of best ideas from other trainers.

"HUMBLES THE HORSE WITHOUT HURTING HIM"

'Running-W' Simplifies Breaking Of Horses

By John Moore

"With the Running-W rope hitch, most anyone can learn to break horses," says Roy Michels, a native of Plentywood, Mont., and chief instructor at the Pines Youth Camp located near Fort Peck Dam.

Michels' three-week course in breaking the green or even wild colt attracts students from as far away as Canada and California. Michels has taken what he considers the best from other trainers to come up with a horse-breaking style of his own. Key to the method he teaches is the Running-W.

"It was first created to stop runaway teams. However, the use of it has been neglected to where it is almost a lost art," he points out.

He adds that the Running-W is simple to make and just as easy to use. Michels has all of his students work a colt with the apparatus in a round sand-filled pen for several days before riding the colt outside. "In one session, a wild two-year old tried to tear down the round pen. An hour later, a 14 year-old Canadian girl was

giving the horse its first ride in the same pen. The Running-W had humbled the horse without hurting him," Michels says. He teaches students to do everything in a series of three. For example, they walk the horse three times around the pen in one direction, then three times the other way. They then do the same at a trot.

From the round pen, students begin taking colts on rides through the camp's pine-covered hills. After a few rides, the colts begin training on gaits, proper steps, rollbacks, and even sidestepping.

The Pines Youth Camp is planning to offer its horse-breaking course for adults as well as youth, according to Marlen Halverson, director. In addition to horse-breaking, the Camp offers a 100 mile wagon train trip, overnight canoe excursions, backpacking and other activities.

For more details, contact: FARM SHOW Followup, Pines Youth Camp, P.O. Box 1109, Glasgow, Mont. 59230 (ph 406 367-5271).

HALF THE COST OF A NEW SET

Rebuilt Steering Arms For International Tractors

If you own a 56, 66 or 86 series International tractor with worn steering arms, you'll be interested in rebuilt replacement arms offered by the Grabill-Dixon Corp., Harlan, Iowa.

"By sending in the worn arms to be rebuilt, you'll have like-new arms for half the cost of a brand new set," says a company spokesperson.

The company takes the worn arms that you send in, welds on a heavy block to the side of the arm head and

cuts a slot through the block and head. A hard grade bolt fits through a hole in the block slot so you can keep the arm tight on the spline.

Cost to rebuild a set is \$97.50.

Contact your IH dealer about sending the arms to the company.

For more information, contact: FARM SHOW Followup, Grabill-Dixon Corp., 1702 Exchange Street, Harlan, Iowa 51537 (ph 712 755-2911).



The company welds a block to the side of the head of the old arm, then cuts a slot through the block and head.