



CASE IH AG DEALERS CARRY NEW SKID STEERS

The new Case 400 Series skid steers are now available through Case IH farm equipment dealerships. The loaders are available in 5 radial-lift and 3 vertical-lift models that range from 49 to 82 hp. Maximum loads range from 1,500 to 3,000 pounds. Radial lifts move faster, and vertical lifts reach higher. Model numbers start at 410 and go to 465. Model 420 (shown) and all others ending in "0" have radial arm lift. Models ending in "5" have bi-fold vertical lift. Bigger models have a factory-ready cab with optional air conditioning, as well as an ergonomically positioned, trigger-style switch that activates the 2-speed

operation. In the higher range, the machines can accelerate to nearly 12 mph. A grid heater is optional for improved cold-weather starts. Available attachments include augers, brooms, backhoes, stump grinders, snow blowers, bale spikes, forks and buckets. In addition to the wheeled skid steers, Case has 2 new skid-steer sized loaders on tracks. Model 445CT has 74 hp and vertical lift, with capacity of 3,500 pounds. Model 450CT has 82 hp and radial arm lift with capacity of 3,800 pounds. For more information see your Case IH dealer or visit the web site www.caseih.com.



Let cows pump their own water

Want a remote watering system that doesn't require an electrical power source? Try the Frostfree Nosepump. Cattle push on a lever with their noses as they're going in for a drink. It's just like the old hand pumps that all farms had at one time, except the cows do the work, not you. The pump and small trough sit atop a culvert set vertically into the ground to whatever depth is required to reach the ground-

water or dugout level. An installation depth of at least 20' with a minimum 24" diameter culvert is recommended to capture sufficient geothermal heat to keep the water from freezing. In very cold weather (-25°C or lower) you might need to remove ice from the hood occasionally, but otherwise heat from the earth keeps the unit flowing without heater cables. One pump is enough for 50 cow-calf pairs or 100 cows. Properly set up, the nosepump will prevent water contamination through backwash and leaching down the outside of the culvert. Estimated costs, including a single pump, drilling or trenching, culvert, hose, lid, insulation, rod pipe and insulated platform, are \$2,000 to \$3,500. The nosepump keeps dugout water available year-round, and can be used when you don't want livestock having access to waterways. For more information call Jim and Jackie Anderson in Rimbey, Alta., toll-free at 1-866-843-6744 or visit the web site www.frostfreenosepumps.com.



Need help picking a tip?

Wilger Industries has a new web-

based program called the Tip Wizard to help you choose the right spray tip for the job. You enter your spray application criteria and click "search". Then the computer program displays, in a printable chart, the tips that match your criteria. The chart shows alternative speeds and pressures, and their affect on droplet size. You can also search for tips based on droplet size categories to find a tip with spray characteristics oriented toward coverage or drift control. The web site address is www.wilger.net. Enter the site, then click on "Tip Wizard" in the left column.



Challenger upgrades MT200 compact series

The new Challenger MT200B compact tractor series from AGCO has 40 improvements over the previous MT200 Series. These include heavier front axles with higher load capacities; new piston and fuel injection technology to improve durability while reducing sound levels; an independent PTO system so you can control the rate of engagement; and a powershift transmission. Controls have been repositioned to improve ease of use, and operator platforms are bigger. Engine compartment access and service points make regular maintenance easier. The full line of Challenger MT200B Series tractors is sold and serviced exclusively by Cat dealers. Models range from 23 to 52 hp. For more information see your nearest Caterpillar dealer.