

Letting Your

# Cattle WORK FOR YOU

As livestock producers, we do a lot of work for our cattle. We feed them, water them, bed them, vaccinate them, treat them, and haul their manure. Recently, not due to any fault of their own, they don't pay us back. What a frustrating time! What can we do to ease this situation.

More and more ranchers/farmers intensively graze and extend grazing seasons, including the use of swath grazing. Now you can also let cattle water themselves – year round – by incorporating one or more Frostfree Nosepumps into your operation. Nose pumps are not a new concept to many people. The diaphragm nose pumps came over to Canada many years

Newfoundland. Many have recently responded to a survey done by Frostfree Nosepumps Ltd. with glowing remarks about the performance even in very cold temperatures.

### So why don't they freeze?

1. The culvert upon which the unit is fastened should be a minimum of 24" in diameter and 20' in the ground. The depth is required to capture the ground heat. This is extremely important.
2. The culvert is insulated a minimum of 8' down to hold the ground heat in.
3. A tiny drain hole is drilled in the pipe 5 ft. down from the top of the lid. This allows the water to drain slowly away once the livestock stop pumping. However, the trough itself DOES NOT DRAIN! If it did, it would contaminate the water source. The reason the trough does not freeze is that the cattle pump on the push stroke of this piston pump (unlike the diaphragm pumps which draw water on the back stroke). When the cattle have had enough water they walk away, leaving very little in the trough. The activity in the trough and the relatively warm water from the ground, prevent the build up of ice inside the trough.
4. Insulation on the ground around the culvert and a large cement pad

are recommended. A frost break and seal is recommended between the culvert and the pad. This will prevent compaction from driving the frost deeper than normal into the ground. It also gives the animals sure footing and acts as an umbrella around the well, providing protection from contamination and making it easy to clean away manure or ice.

With this "system" in place, the cattle will operate these pumps throughout the winter and summer. No electrical components, no power bill, no batteries, panels etc. to maintain. After installation, you water your cattle for free.

ago from Europe. It has been more recent that nose pumps can be utilized year round with the introduction of Frostfree Nosepumps.

So why doesn't everyone have one? There is no need for power or heat, and very little maintenance is required. There have been a few hurdles to convince producers that they are a viable option. **Number one** – some producers just don't believe cattle will pump their own water. But they will indeed, and with a little effort on the producer's part, they learn quickly. **Number two** – many cannot imagine that they won't freeze up when it is minus 45 degrees and the wind is blowing (a common scenario on the Prairies). A "system" is required to make these pumps not freeze in these temperatures, but it does work. Ask the over 200 producers across North America who are using these pumps. Producers from Fort St. John and Dawson Creek area to



## THE ENERGY FREE SOLUTION

Frostfree Nosepumps Ltd.

TOLL FREE

1-866-843-6744

[www.frostfreenosepumps.com](http://www.frostfreenosepumps.com)

- Cattle pump their own water winter or summer
- Ideal for dugouts, ponds & wells
- No power required, summer or winter





## The Grand Slam GS900 POST DRIVER

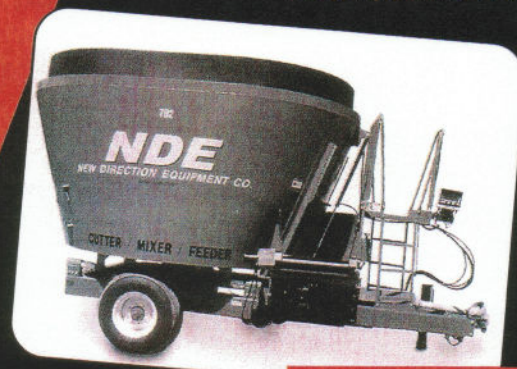
DESIGNED TO MAKE FENCE BUILDING AND REPAIRS EASY AND FAST. WITH A HEAVY 925 POUND HAMMER AND FLEXIBILITY THAT MAKES FOR EASY ALIGNMENT OF THE POSTS, YOU CAN BE DRIVING POSTS FASTER AND MORE ACCURATELY.



TOTALLY SELF CONTAINED.  
YOU CAN TOW THIS UNIT WITH  
A LIGHT DUTY TRUCK OR  
SMALL TRACTOR

## Vertical Cutter/Mixer/Feeder

The NDE Vertical TMR Mixer has only ONE moving part to do all the cutting and mixing necessary to process your ration. ONE.



**NDE**  
NEW DIRECTION EQUIPMENT CO.

### FARMERS CHOICE Distribution Corp.

4 Great Plains Industrial Drive, Emerald Park, SK  
Toll Free: 1-866-781-1030

[www.farmerschoice.ca](http://www.farmerschoice.ca)

New Direction  
Equipment Company  
Toll Free: 888-336-3127  
[www.ndeco.com](http://www.ndeco.com)

A picture is usually worth a thousand words. So, if possible, take a look at the website: [www.frostfreenosepumps.com](http://www.frostfreenosepumps.com). Watch cattle pumping their own water on the video page, and read up on the details of installation. Phone calls are also welcomed at 866-843-5744. You will talk to the designer of this pump, Jim Anderson, or his wife Jackie. They are happy to try to answer your questions, send out literature or discuss your individual situation. Many applications are possible. You can make your dugout into a year round source of water without giving livestock access to the dugout. They will no longer ruin the dugout, contaminate the water or fall through the ice! A similar installation will gather water in a spring and flow it to firmer ground, where cattle can access the pump 24 hours a day. A large bored well, a traditional 4-8" cased well, or even a pressure system can be adapted to this pump. The maximum practical lift is approximately 50', but some creative customers have figured out how to overcome that limitation by pumping into a large buried tank once a week, and letting the cattle pump their own water from there.

We all need to look for ways to let the cattle work for us. This may be one opportunity for your ranch or farm.

## SASKATCHEWAN FARMS AND RANCHES

### FEATURED RANCH LISTINGS:

SHELLBROOK: 2240 ac.- 885 cult.- balance pasture, 1000 head capacity feedlot, extensive facilities, 1000 sq ft bungalow, *Call for further details!*

WAWOTA: 1120 ac.- 585 pasture, 7 dugouts, fencing, various bldgs, bungalow style home.

ROCKFORD: 596 ac.- 320 lease, Assiniboia River running through all 1/4's, corrals.

COMPEER, AB: 4494 ac.- 3214 lease, 1028 grass, cattle setups, 2 yardsites (one located in Alberta+ one located in Saskatchewan!), Oil/Gas Well Surface Leases, Call today for further details!

KIPLING: 480 ac.- 120 grass, newer game fence w/steel gates, 2 wells+2 dugouts, older yardsite.

BIRCH HILLS: 160 ac.- 120 alfalfa, Intensive Livestock Facility(1000 head capacity), various bldgs, 1600 sq ft bungalow.

CORONACH: 2050 ac.- 1410 tame grass - 310 native grass, cattle facilities w/calf warming pen+squeeze, 1200 sq ft bungalow.

DEBDEN: 323 ac., close to Sturgeon River+ P.A National Park, Corrals (250 head capacity), pens, 3 head gates, calving barn, 1120 sq ft bungalow.

To view full color feature sheets for all of our Current Listings and Virtual Tours of select properties, visit our web site @ [www.lanerealtycorp.com](http://www.lanerealtycorp.com)



**LANE REALTY CORP.**

*Saskatchewan's Farm & Ranch Specialists*

**PH: 306-569-3380 Fax: 306-569-3414**

"Now representing purchasers from across Canada, The United Kingdom and Mainland Europe!"

[www.lanerealtycorp.com](http://www.lanerealtycorp.com)