

Solar Winter Watering System



Winter Watering System

Western Beef Development Center
Termuende Farm, Lannigan, Sask.

Watering 130 animals.

System was powered by 3 - 64 Watt Panels,
and 4 Trojan T105 220 Amp/Hr Batteries.

The Solar Winter Watering system is the perfect solution for watering cattle in the winter. Winter water bowls are controlled by a motion detection switch that will turn on when the animals approach for water and turn off when there is no motion detected. To prevent freezing, the water drains back to the source below the frost line.

Specifications

- **Power Source:** Solar DC or 120 VAC
- **Pump:** D27 (up to 15 feet), Quad or Roto (15 to 100 feet)
- **Water Bowl:** Roto molded which eliminates corrosion and rusting
- **Warranty:** System - 1 years, Panels - 20 years



Advantages

- **Non Freezing:** All water drains back to source eliminating the possibility of freezing.
- **No Repairs:** Burn out or repairs are not a concern because this system is designed without heating elements and adjustable controls
- **Servicing:** Very basic system with no moving parts. The water bowl is easily removed allowing access to the pump.
- **Earth's Resources:** As the temperature below the frost line is 40 degrees, the culvert acts as a heat tube allowing the hot air to rise preventing freeze up.
- **Variable Installations:** Kelln's Winter Water Bowl may be used with pumps ranging from 3 GPM to 10 GPM. It can be easily hooked up to the water supply.
- **No Operating Costs:** No AC power? No Cost!
- **Roto Molded Water Bowl:** Durable 24" roto molded water bowl eliminates corrosion and rusting. The bowl sits on a 24" casing.