

LIVESTOCK PREDATION PREVENTION PROJECT (LPPP) ELECTRONET PREDATOR DETERRENT



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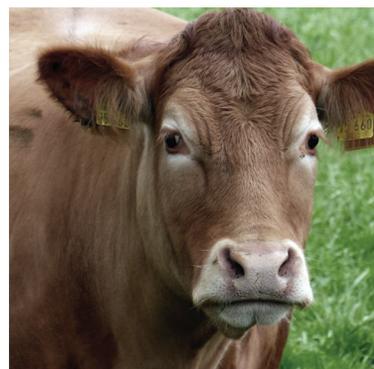
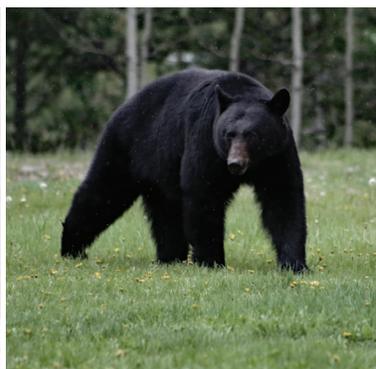


ElectroNet, or flexi-net electric fencing is a temporary fencing system that uses poly wire conductive wire mesh that is easy to move and is resistant to predator intrusion. ElectroNet has been used for both small ruminants' (sheep, goat and other) safety and its utility to move stock to new paddocks for grazing plan improvements.

ElectroNet enclosures utilize a visual barrier, a physical barrier and electric fence shock to hold back both livestock and predators. While a poly fence about a metre tall could potentially be jumped, the physical presence of mesh generally limits predators' interest in crossing. Electric fence impulses also deter sheep and goat interest in the fence, and as such it is a barrier which is normally effective at keeping livestock and predator interactions to a minimum.

ElectroNet has been selected to be a primarily a sheep Risk Mitigation Practice, (RMP) by the Manitoba Livestock Predation Prevention Pilot Project. The ElectroNet component intends to have producer cooperators who have a confirmed risk of predation build and maintain an ElectroNet fence enclosure to protect their flock from various predators. ElectroNet can be used all grazing season long for protection and also for rotation, provided the operator is willing to move the fence regularly.

ElectroNet may also be used primarily for predator protection through times such as lambing/kidding/calving or weaning, and to keep compromised young stock and predators separated.



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Recommendations for use/ care of ElectroNet

- ElectroNet comes with attached fiberglass posts so it can be quickly erected.
- The fence should be monitored regularly as with many conductors, grounding out on grass can reduce shock strength and predator resistance capability.
- Choose electric fencers with the strongest stored joules ratings to overcome grass grounding. Ideally larger fencers powered by AC power is ideal, and jumpers off of mainline perimeter fence should be used to power loops of ElectroNet. However, larger DC solar powered fencers would be appropriate with care upon installation and monitoring of grass and plant grounding.
- ElectroNet should be removed for winter in Manitoba due to snow loads. It should be stored away from UV light to allow for longer life.
- The RMP as suggested, would include the building of two 0.5 acre paddocks, allowing for advance setup of the next pen. This would require seven rolls of electro Net of 164 feet per roll.
- Canadian suggested list price of ElectroNet 164' rolls is 179.95 (March 2021 pricing)

At the completion of the Livestock Predator Prevention Project a report will be written to help guide producers to the most effective predator reduction practices.

For more information of the Livestock Predator Prevention Project and other Risk Mitigation Practices please visit <https://mbbeef.ca/>



CONTACT

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