

Date:  
February, 2011

# Stackyard with 3D Wildlife Fence

*" I feel the 3 D wildlife  
enabled us to keep  
urine and nutrients  
where we need it most."*

*Glenn Hogberg,  
Progress, BC*

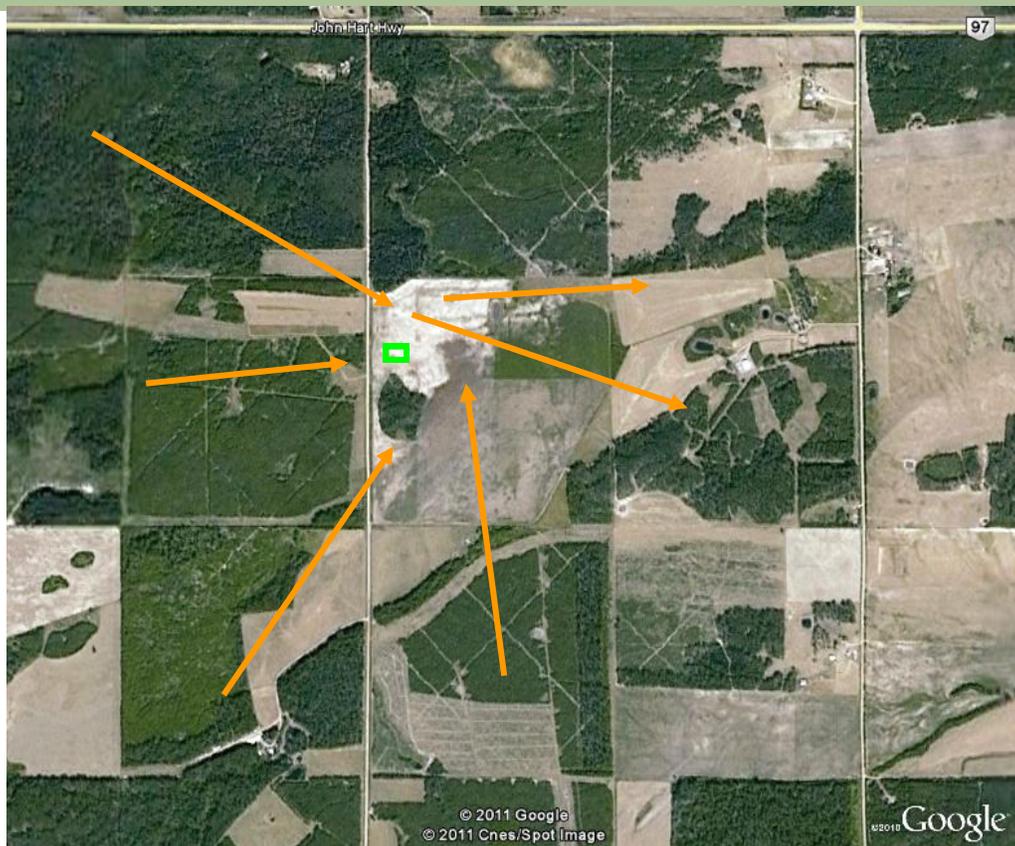
## Contacts:

Glenn Hogberg  
(250) 843-7653

Sandra Burton  
(250) 789- 6885

Julie Robinson  
(250) 787-3241

Damage to stackyard with-  
out 3 D fence (*photo below*)



Air photo illustrating location of Hogbergs' 3 D fencing demo   
In relation to wildlife traffic. 

## Original Objectives

The aerial view (*photo above*) illustrates the location of the 3 D fenced area for the hay stackyard in relation to the corridors of wildlife traffic. Glenn had the following objectives in mind:

1. Keep wildlife out of hay stackyard.
2. Keep weeds contained in the hay field where they came from.
3. Keep urine, nutrients and fiber in the field to improve the thin grey wooded soil's productivity.
4. Manage herd size to match the feed available from this field.
5. Explore the cost effectiveness of 3D wildlife fencing.



Published by  
P.R.F.A. of BC:

For more Forage Facts  
visit our website:

[www.peaceforage.bc.ca](http://www.peaceforage.bc.ca)

Peace River Forage Association  
of British Columbia





### How was the 3D fence set up?

In Sept, 2011 Glenn built a 3 dimensional wildlife fence at the edge of one of his hayfields to keep moose, deer and elk out of his stackyard area (*photo below*).

Corners were made using 7' posts on the inside and 6' posts on the outside, with a diagonal wire brace. 3 strands of high tensile wire were put at 48", 32" and 16". Plastic tubing left over from an under floor heat project were an inexpensive way to insulate corners (*photo to left*). A portable reel of electric tape was used for the outside fenceline at 34" high. A 10 year old Gallagher 12 volt fencer with a solar panel was used to electrify all 4 wires. The fencer had the ability to put out 6000 to 7000 volts.

### How were the gates setup?

Metal portable corral panels were used, but the gate seems to be the weakest part of the fence. Next year Glenn will probably used a gate similar to that described in Forage Fact #53.

### How much did this fence cost?

The enclosure was 100' by 120'. The total cost for posts, and all hardware, (including wire, insulators, corner bracing, gate handles, tighteners) was \$440. The cost of labour and equipment such as a post pounder and the use of the electric fencer also need to be included to understand the true actual costs.

A future **Forage Fact** will discuss the costs and benefits of all the 3D wildlife fencing demos in more detail.



### Did it keep the wildlife out?

Glenn reports that "For the 60 days that we fed our cattle from this stackyard, there were no tracks inside the enclosure and there was no feed loss." (*see photo to left*).

### Where to next?

Glenn feels that this demo was definitely worthwhile and he wants to do this again next year. He also wants to experiment with different gates.

The 3D Wildlife Fencing Project will continue to share the results with various demos in the Peace River Region in Forage Facts and at upcoming events.

**Compiled by:** Glenn Hogberg and Sandra Burton in Feb 2011.

#### **3D Wildlife Fencing Project Funding Partners:**

Agriculture Wildlife Fund through Investment Agriculture Foundation of BC & ARDCORP.

**With Contributions from:** Pine Hill Gelbvieh Ranch, Talon Johnson & Julie Robinson

**Forage Facts Project Partially Funded by:** all the donators and supporters  
at the Forage Goods & Services Auction on Feb, 2010.