

3D Fencing: Keeping Wildlife Away

“Once you tighten up the wires, it’s amazing to see the 3-dimensional effect with the two fences.”

Bill Wilson,

What is it & how does it work?

3D fences are used to defer wildlife, mainly elk, deer and moose. It is composed of 2 fence setup that compels wildlife to stop and look before jumping. Since the fence is composed of height, depth and width (hence 3D), wildlife tend to be more careful and will approach with caution.

This is because the eyes of deer, moose and elk are placed on the side of their head, giving them poor depth perception. The key now is to have your fence electrified so when they check it out with their sensitive noses, they receive a powerful shock that leaves them looking for another trail, feeding place or bed.

Quick Facts:

- ⇒ Fences can be permanent or portable.
- ⇒ Have been used in gardens, nurseries, orchards, vineyards, tree farms, etc.
- ⇒ Scent caps can be used to entice wildlife to touch the fence with their sensitive noses.

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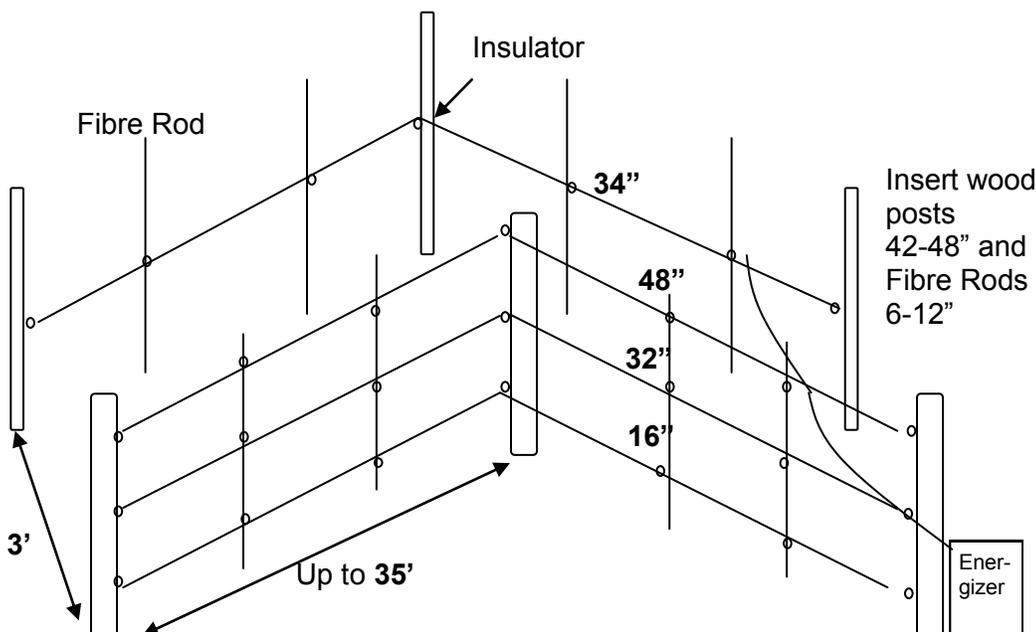
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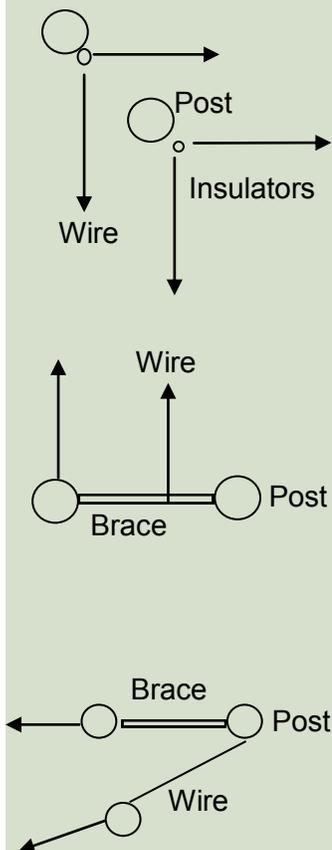
3D Wildlife Fence Diagram



Peace River Forage Association
of British Columbia



The Corner of Corners:



Posts can be either wooden or fiberglass

Tried and True Fences



Slant fence design from Grave Creek, Montana



3D fence Tim and Linda Ewert's organic market garden in Pouce Coupe, BC



Adding inside fence to exiting fence line at Sandra Burton's in winter 2009

Cooperators & Objectives

- Rick Kantz:** to keep deer out of grain bags
- Bill Wilson:** to keep elk out of winter feeding or swath grazing fields
- Glenn Hogberg:** to keep moose & deer out of stackyard
- Perry & Corinne Spitzer:** to keep deer out of hay yard
- Sandra Burton:** to keep deer, moose & stallions out of winter feeding area

Our Project Plans

The next step in the 3D Fencing project is to help cooperators design and build their own permanent or portable fence and document how well it deters wildlife from stack yards or grain bags. We are also working towards a design that can be built in the middle of winter for winter feeding or swath grazing.

Some things we may try are:

- ⇒ extending the distance between the 2 fences to 4 ft instead of 3 ft

- ⇒ staggering the posts on the first and second fence line
- ⇒ allowing the wire on the outside fence to be moveable, so when there are large snowfalls, the height of the wire can be adjusted to maintain the "3D effect"

We are also eager to hear ideas for gates as this is the weakest part of our fence. Please feel free to contact the association if you wish to brainstorm with us!

Compiled by: Talon Johnson in Aug 2010.

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