

## **Wildlife Deterrent Trial**

Why did we do this trial? To see if it could protect cattle from grizzly bears, there are no known deterrents available. Grizzly bears are a protected species of wildlife. This is by law. We cannot harass them or shoot them – Grizzly bears were not known in this area until 11 years ago, and have since becoming more and more of a problem and now (10 years later) they populate the area in excess.

Day 1 – Monday June 22, 2020

John Gouw and I (Yolanda) set up the camera on a grain silo (granary) on Brad Beazer's land, west of his ranch yard. The dead cow was placed in view of camera. We sprayed penergetic b WV (wildlife deterrent) at the rate of 750 grams/acre all around the surface area of approximately 3/4 of an acre around the dead cow.

Day 5 – Friday June 26, 2020

John Gouw went to inspect the site and changed the memory card and batteries for new ones in the camera. The dead cow was untouched and starting to have a very noticeable stench.

Day 9 – Monday June 29, 2020

Brad Beazer called John in the evening and said they had spotted Grizzlies around the trial site through their binoculars.

Day 11 – Thursday July 2, 2020

John Gouw and I went to the sight of our trial/dead cow. We found that the camera had been broke off the silo by a Grizzly bear. What remained of the cow carcass was just a few bones.

[Refer to pictures for more details.]

When we looked through the photos, we discovered that on Day 8 the last photo that was taken @ 12:35am on June 29, 2020, we can see a brief the outline/shape of Grizzly bears.

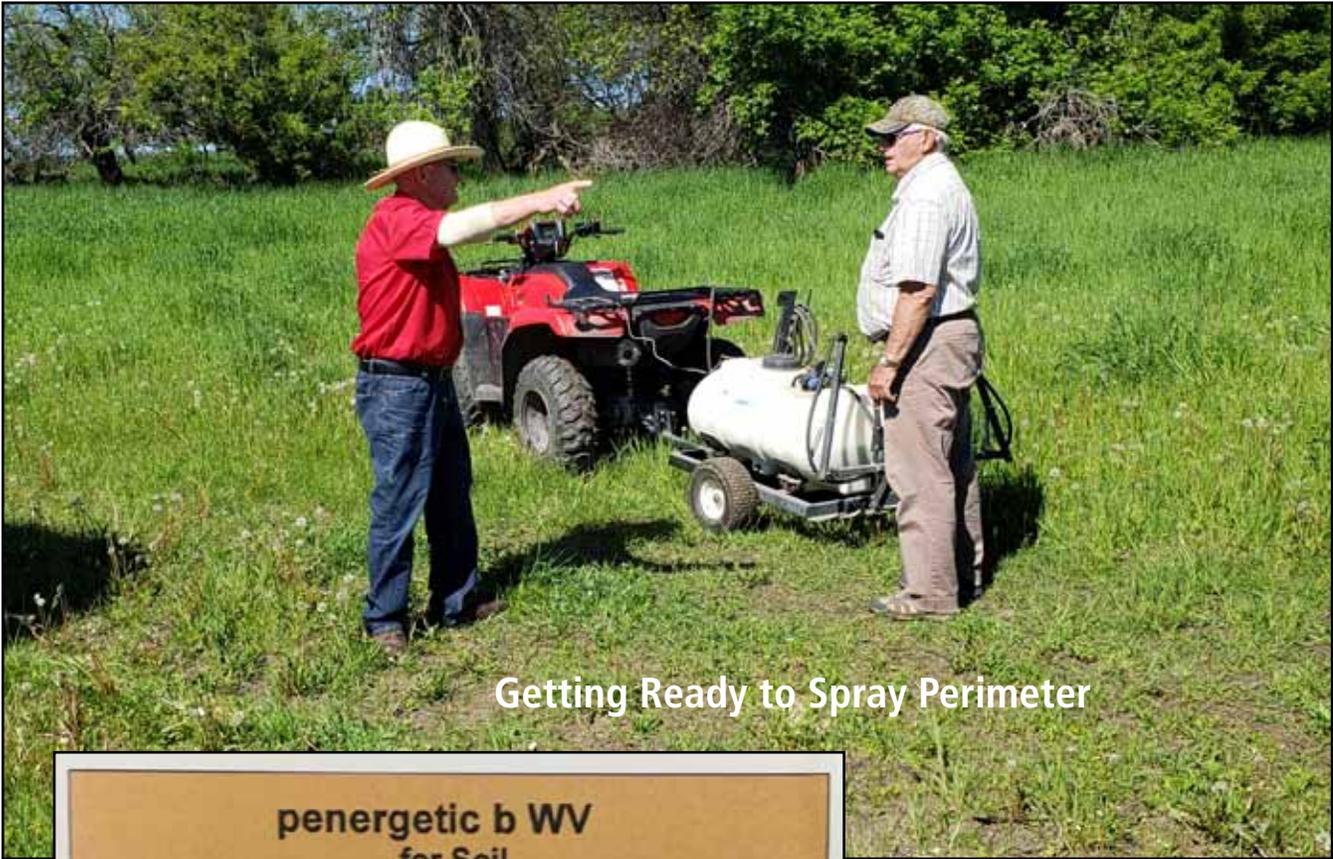
The site was monitored by ranch owner's family and employees.

Thank you to Brad Beazer and his family.

Summary Observations:

1. The product (penergetic b WV) protected the carcass at least 6 days
2. Heavy rain did diminish the effect.
3. The Grizzly bears' behavior was very unusual.
  - Grizzly bears should have attacked the carcass sooner.
  - they were observed around the site at least a day before they ate the dead cow.

Photos attached



Getting Ready to Spray Perimeter

<b>penergetic b WV for Soil</b>	
Sikron SF500 – net weight 8 kg	
Article: <b>3152F080S</b>	<b>3152QSF</b>
Batch: <b>B1320/B2005402</b>	<b>Exp 03 / 2025</b>
Application	500g/ha or 200g/ac or 7 oz/ac
Storage:	In a cool & dry location
Importer	Penergetic Canada Vancouver, B.C., V6M 3W6
Supplier	Penergetic Int. AG, CH-8590 Romanshorn

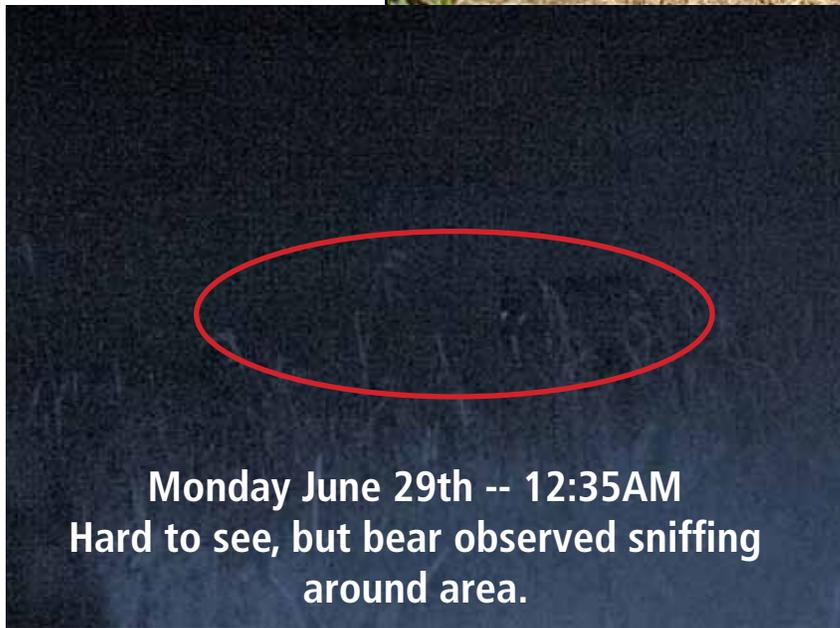
Product Label



Monday June 22nd  
Dead Cow Placed in Field (within view of camera for monitoring)



Friday June 26th  
Decaying dead cow carcass  
but untouched by bear.



Monday June 29th -- 12:35AM  
Hard to see, but bear observed sniffing  
around area.



Thursday July 2nd (10 days later)  
Site visit revealed that only a few bones of former carcass remain.