



WV

Test design

- General information –
- Test in crops –
- Data collection –



General information

General rules for trials

- If machinery (e.g. sprayer, tanks etc.) is used for the trial, use this equipment first for the control field and then do the penergetic field. After the application, clean the machinery. It takes up to several weeks before the effect of the penergetic information disappears from the machinery.
- Penergetic recommends a trial size of 1 hectare.
- For the control field choose the field beside.
- In the case of sloping sites, place the penergetic plot at the bottom of the area, otherwise rain, for example, flushes the penergetic products down on to the control plot.

Setting up and documenting a measurement

- A photo documentation from the start until the end of the trial period (high quality images) is mandatory.
- Description of the initial situation and the objective.
- Use the data collection form below.

Data collection: penergetic b wv

General data


Penergetic consultant	Cheryl McCormick	
Customer	Three Rivers Farm	Date: 09 Nov 23 (product applied)
Farm location: country, city	234 Owawenga Rd, Otorohanga, Waikato	
Using penergetic products for the first time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No, for _____ years
Total farmland in ha	37 ha	
Objective of the trial	Crop protection from wild pig & deer	

Trial data

Crop type / variety	Chicory	
	Area (ha)	Planting/seeding date
Control		Control area was the surrounding hills and neighbouring farm
penergetic test	37 ha	Chicory planted 28 + 29 Oct 2023

Special weather conditions	Weather had been wet in the days prior to application, but dry on day
● Rain (quantity, when)	of application and a few days after.
● Temperature variation	
● Frost / hail / snow	Temperature high 18 low 9 degrees celcius
● Others	

Products

Penergetic product	Art. no.	Powder		Dosage / ha	Time
penergetic b WV	3152	<input checked="" type="checkbox"/>		0.85kg / ha	All applied on 9 Nov 23

Observed benefit / effect

Observation 1:	No wild pig or deer crop damage on treated area
Observation 2:	Canadian geese & paradise ducks also avoided treated area

Customer quote	William Oliver, Farmer "I was a huge sceptic, but we're just not seeing them (wild pigs & deer), it's very interesting! It's definitely exceeded our expectations and we'll be using it again, a great insurance policy for your crops".
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Conclusion and further comments (please do not feel restricted by the amount of space provided, add extra sheets as required):

The majority of the wild pigs and deer stayed outside the treated area, they remained on the hills on the outskirts.

The occasional pig entered the treated area but pretty much immediately left. One large pig did root in a small area after a few months (maybe 2ft wide) but left quickly. The owner and Farm Manager are delighted with the results and are ordering product for their next application. They are happy to recommend.

Pictures

Add at least 4 pictures according to the following instruction.

Three Rivers Farm – bWV trial to deter wild pigs and deer – 37ha

Penergetic bWV Application: 9th November 2023:

Straight forward spray application - fine weather conditions.



Assessment: 18th December 2023 (6 weeks after application)

Chicory growing well, no wild pig/deer damage, a few footprints observed on treated area but animals passed straight through without rooting the crop.



Assessment: 25th March 2024 (4.5 months after application)

Lambs have been grazed, still not seeing major wild pig and deer damage, occasional pig passing through. Major rooting evident on untreated hillsides (dark patches) and neighbouring farm heavily damaged by wild pigs rooting.



On treated pastures, only 1 large pig observed after 3-4 months with minimal rooting 15ft inside the treated area.

