



Anwendungsbericht/User Application Report

Produkt/Product:
penergetic b WV

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Wild boar deterrence

Wild browsing is an annoying subject that affects many farmers. Game populations are growing steadily and experts expect reproduction rates of up to 300 percent in Germany. By using penergetic b WV, the field can be protected from high yield losses due to game browsing.

Effect of penergetic b WV

Penergetic b WV deters game, wild boars and mouflons by emitting frequencies such as human pheromones or hair. These have a repulsive effect on the most unwelcome game.

Trial

4 fields in Germany were treated with penergetic b WV.

All four fields are located in areas which are known to be frequented by wild boars.

Dosage

Dosage of 600 g / ha

Application

Spayed with liquid manure



Result

None of the fields had suffered major game damage. In some fields the wild boars entered the field but did not cause any further damage apart from test digs.

operation 1: Corn sprayed on 18.04.2018 with liquid manure.

In June (two months after the field was treated with Penergetic b WV), there was still no evidence of wild boars having entered the treated field.

There is a mud bath very close to the test field



Figure 1: Operation 1 showing the field and a mud bath nearby



Figure 2: Operation 1: no wild boar damage 2 month after being sprayed with penergetic b WV

Operation 2: Corn seeding on 11.05.2018. Penergetic b WV was applied on 22.05.2018.



Figure 3: Operation 2 clear traces of wild boar having been in the field.



Figure 4: Operation 2 on 28.05.2018 after 37 l/m2 rainfall the old traces are still visible, although evidence of new entry into the field.

Operation 3: corn sowed on 22.04.2018. penergetic b WV was sprayed on 23.04.2018.



Figure 5: Operation 3 picture taken on 04.05.2018



Figure 6: Operation 3 picture taken on 17.05.2018. No evidence of any intrusion into the field by wild boars.



Figure 7: Operation 3 picture taken on 19.07.2018 from the hunting pulpit, showing that the corn planted in this field has grown (say 4 leaf stage(?)).

In 3 out of 4 treated fields no signs of wildlife intrusion were found. However, in the 3rd field, a wild boar had entered the field near where the neighbouring farm had harvested its rape crop.



Figures 8 & 9: In Operation 3 the boars found the corn, but only because the neighbouring farm had harvested rape (in an adjoining field) and so the Penergetic b WV wild boar protection was gone. Although only minimal damage.

In light of what occurred in the 3rd Field, it is further recommended to carry out a repeat application of Penergetic b WV at a rate of 600 g/ha in case of high game occurrences. This second application is recommended at a crop height of 50 - 80 cm and in large droplets, i.e. with so-called drop leg nozzles.

Operation 4: corn sewing on 4.and 5.05.2018. Penergetic b WV was applied on 8.05.2018



Figure 10: Operation 4 pictures of 14.05.2018- no intrusion by wild boars, only small test grazes. Again, when checked in mid-June no evidence of wild boars activity in the treated field.

Conclusion

Penergetic b WV can effectively prevent wild herds from causing major damage even in fields near forests or near exposed sites (such as mud holes). Furthermore, the Penergetic b WV effect remains, even after precipitation. However, a precautionary note, if there is known to be a high incidence of problematic wildlife in the vicinity, a second application of Penergetic b WV at a rate of 600 g/ha at a crop height of 50 - 80 cm is recommended.

