



Anwendungsbericht/User Application Report

Produkt/Product:

penergetic b
penergetic p

Fachberater/Consultant:

Penergetic UK
Alan Phillips

Anwender/User:

Sudbury Park Farm
Derbyshire, UK

Datum/Date:

September 2018

Worm count in the UK

The count was conducted at the end of the hottest summer ever recorded in England.

Background

We have been conducting trials with penergetic b and penergetic p in this field for five years using the same plots each year for penergetic and the control. The worm count was conducted to see if five years of penergetic b have made any difference to the worm population in each plot. The count was conducted using a method as recommended by the Agricultural and Horticultural Development Board of the UK and carried out by Alan Phillips of Penergetic UK.



Method

Three pits of 20 x 20 x 30cm depth were dug in each of the plots at a distance of approximately 30 meters apart paced out in a zig zag pattern. The soil from each pit was

placed in a large bucket and then small amounts at a time spread out on a large plastic sheet to enable it to be sifted through and the worms collected for counting.

Pictures of the method



Results

| Treatment | Pit 1 | Pit 2 | Pit 3 | Total | Difference |
|-----------------|-------|-------|-------|-------|---------------|
| Control plot | 12 | 6 | 8 | 26 | |
| penergetic plot | 15 | 23 | 16 | 54 | + 107% |

Notes

Because of the hot summer the soil was very hard and dry.

Besides the quantity of worms, it was also noticed that the soil from the penergetic-treated plot showed more visible mycorrhiza than the control.

