



Anwendungsbericht/User Application Report

Produkt/Product:

penergetic t
penergetic k
AquaKat

Fachberater/Consultant:

Penergetic Austria

Anwender/User:

Broiler fattening farm
Wallmersdorf/Österreich

Datum/Date:

2014

Application on broiler in Austria

Two trials with the Ros 308 chicken breed were carried out in this chicken farm. In the first attempt with start on 13/11/2014 penergetic k and t were used, in the second attempt with start on 23/12/2014 an AquaKat was additionally installed.

Dosages

Equal in both tests.

- penergetic k: 5g/m² over the fresh bedding in the previously disinfected stable
- penergetic t: 60g/ton of feed mixed into the starter feed during 10 days
120g/ton of feed after 10 days

Notes on the following table

In the second trial, the chicks in the control group were 4 g lighter on delivery because they came from 30 week old mothers, whereas the mothers of the chicks in the test group were 40 weeks old.

Observations table

Parameters	Trial 1, 13/11/2014		Trial 2, 23/12/2014	
	Penergetic	Control	Penergetic	Control
Input chicks	13'227	19'068	13'320	19'700
Weight of chicks	41 g	41 g	41 g	37 g
Output chickens	13'030	18'764	13'176	19'250
Total weight at delivery	22'886 kg	31'897 kg	31'450 kg	41'730 kg
Age at delivery	34 days	34 days	39 days	39 days
Losses in %	1.48 %	1.59 %	1.08 %	2.28 %
Average weight at delivery	1.75 kg	1.69 kg	2.38 kg	2.16 kg
Weight increase per day	51.5 g	49.7 g	61.0 g	55.4 g
Feed conversion/1.5kg living	1.397	1.403	1.229	1.391
Slaughter waste in kg	58 kg	87 kg	107 kg	320 kg
Slaughter waste in %	0.25 %	0.27 %	0.34 %	0.77 %
RDB/piece	€ 0.49	€ 0.47	€ 0.71	€ 0.56
Diseases	Keine	Keine	Keine	Respiratory

It should also be noted that in the second trial the chicks in the control group suffered from respiratory disease in the last week. However, the animals of the Penergetic group remained healthy.

The farming couple said that the woman looked after the barn with the sick animals and the man took care of barn with the healthy animals, and that until then it had never been possible to keep a flu virus in just one group! So this success could be related to the use of penergetic t and k.

There was no significant difference in water consumption. The animals that drank the AquaKat water drank slightly less water.