

Analysis of the broilers.

Conditions:

- type broilers COBB500, the welfare mode,
- the length of the stud 40 days
- Hall A- 9 000 pieces of broilers, dosing Anolyte ANK from 25.day, conc. 0,8%
- Hall B- 13 000 pieces of broilers, dosing Anolyte ANK from 3.day, conc.0,8%
- drink water with ANK: ORP= 520mV ,pH=7,2 ,FAC=1,2ppm
- Analysis was in country Slovakia

Therefore we found that broilers in Hall A are with the large differences in weight than Hall B subsequently, the dosage was initiated 29.day ANOLYTE ANK in Hall A too when to improve the breed.

	<i>weighting 29.day</i>		<i>weighting 35.day</i>		<i>weighting 40.day</i>	
	<i>hall A</i>	<i>hall B</i>	<i>hall A</i>	<i>hall B</i>	<i>hall A</i>	<i>hall B</i>
	1,65	1,95	1,90	2,44	2,61	2,64
	1,53	1,95	1,77	2,14	2,44	2,38
	1,52	1,93	1,72	2,08	2,20	2,28
<i>broiler weight in kilograms live-weight</i>	1,52	1,82	1,67	2,05	2,21	2,25
<i>bold letters is the average weight of broiler</i>	1,48	1,81	1,65	2,02	2,15	2,20
	1,47	1,81	1,63	2,00	2,13	2,16
	1,45	1,73	1,62	1,98	2,08	2,15
	1,43	1,72	1,62	1,96	2,00	2,15
	1,40	1,70	1,58	1,93	2,02	2,08
	1,33	1,70	1,54	1,82	1,80	2,05
			1,41	1,80	1,74	1,86
<i>Average weight broilers in kg</i>	1,48kg	1,81kg	1,65kg	2,02kg	2,13kg	2,22kg
<i>prescribed weight in kg from COBB500 Manual of the day feeding</i>	1,379kg		1,910kg		2,459kg	
Variance in weights between halls	47%		23%		10%	

The weighting results during the stud:

Explanation:

When weighting the 29th and 35.days were weighted on day 3 broilers of either gender for a total of 10 x 3 pieces. In 40th day were weighted only 10 pieces of each hall, see the results of the variance.

Despite the obvious differences in the dispersion of weights in favour of Hall B.

The 29th day without a dose of ANOLYTE ANK in hall A are the difference between the halls is 47% in favour of Hall B at doses of ANOLYTE ANK

In 35th day of dosing in both halls ANOLYTE ANK variance is reduced difference between hall to 23%

On 40th day is a difference weight between halls only about 10%

This reduces the difference in weights between hall A and hall B is due to the addition of ANOLYTE ANK in Hall A from 29.days of stud.

Pulled analysis:

	<i>weight /kg/</i>			<i>boneless breasts</i>						
	<i>Lives /kg/</i>	<i>Carcase /kg/</i>	<i>share</i>	<i>weight /kg/</i>	<i>share</i>	<i>Share lives w.</i>	<i>legs fully /kg/</i>	<i>Share carcase /%/</i>	<i>Abdominal fat /kg/</i>	<i>Share in carcase /%/</i>
HALL A	2,125	1,611	76%	0,371	23%	17%	0,437	27%	0,037	2,30%
HALL B	2,22	1,68	76%	0,436	26%	20%	0,462	28%	0,021	1,25%

Pulled analysis I conducted of 10 pieces broilers of each hall according to the firm literature Cobb, so that results can be compared.

The value of the weight of boneless breast is about 20% of body weight is comparable to me according to the literature.

Again, the results in favour of Hall B.

I want to highlight the value abdominale fat where difference in favour of the hall A is a large on hall B over 60%!

Broiler meat is juicier than other broiler , but this evaluation is subjective, because broilers have not undergone the whole process of machine processing.

Consumption of feed:

In the Hall B (dosing Anolyte ANK from 3.day) was consumption of feed over 15% less than in Hall A (dosing Anolyte ANK from 29.day)

This results was confirmed in follow turnus with 2 x 9000 pieces broilers in this same farmer. Feed conversion was 1,89 ,farmer had before used Anolyte ANK nfeed conversion cca 2,00.

March 2012