



# Butirex C4 vs Butyrin in poultry production

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The aim of this report was to evaluate the performance results obtained with BUTIREX C4 at the same inclusion with other source of butyrate, and Control group with AGP (Enramycin 8%).

### Material and method:

600 one-day old Cobb 500, av. weight 45 g till 40 days of age, distributed in 24 pens (25 birds/ pen) and 8 pens/treatment.

The basal feeding program (corn-soya): Prestarter (1-7 d), Starter (8-21 d), Grower (22-35 d) and Finisher (36-40 d).

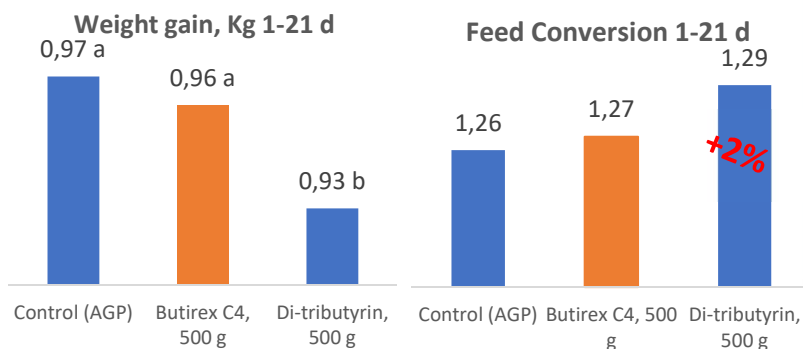
### Treatments:

Control: 125 g Enramycin 8%

BUTIREX C4 (43% butyric acid): 500 g/mt 0-21d and 300 g/mt from 22-40 d

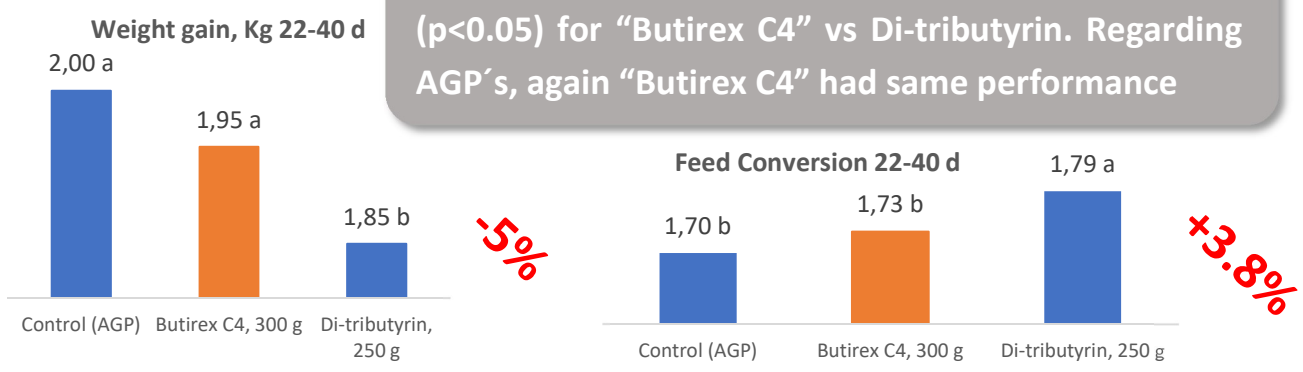
Di-Tributyrin (48% butyric acid): 500 g/mt 0-21d and 250 g/mt from 22-40 d

### Results: from 1 to 21 days of age



Results showed a better response for "Butirex C4" vs Di-trybutyrin, as alternative to the use of AGP in feeds, for Weight gain (P<0.05) and Feed Conversion

### Result: from 22 to 40 d



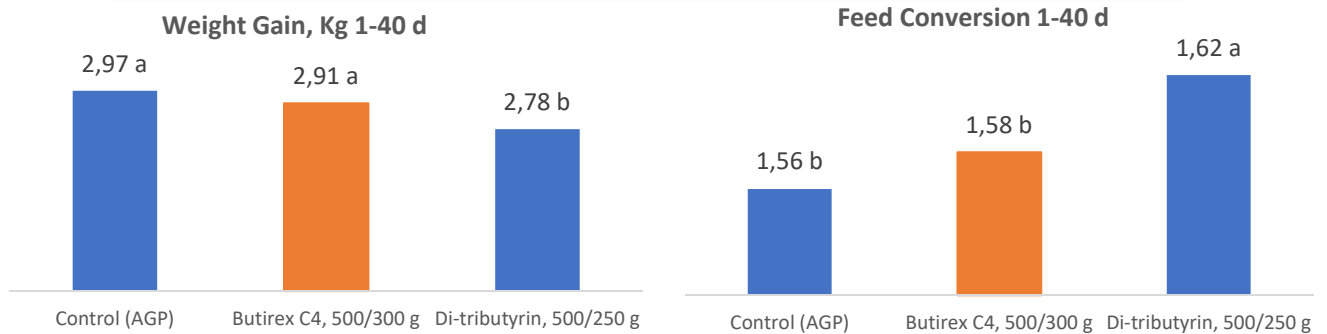
Weight gain and Feed Conversion were improved (p<0.05) for "Butirex C4" vs Di-tributyrin. Regarding AGP's, again "Butirex C4" had same performance

Results: from 1 to 40 d

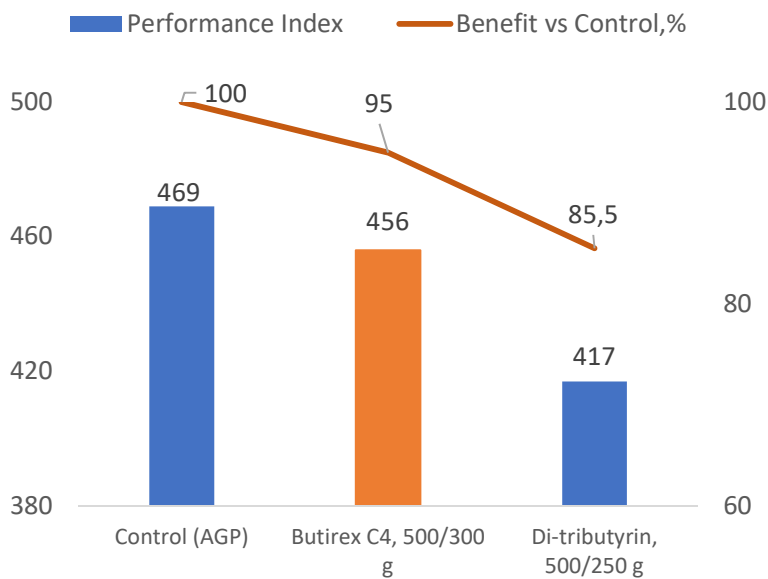
In global period:

“Butirex C4” obtained similar performance than AGP’s

“Butirex C4” was better ( $p < 0.05$ ) results than Di-tributyrin



### Economic analysis: Performance Index and Benefit vs Control



**BUTIREX C4** in broiler diets, allows to replace AGP reaching similar PI, and with **10% more benefits** than Butyrins

**BUTIREX C4** the “best option” to reduce the use of antibiotics, with similar production rates and benefit

Do you want to know more?



butirexC4.net

