



## Effect of BUTIREX C4 in combination with organic acid and prebiotics on the zootechnical parameters. Two commercial trials

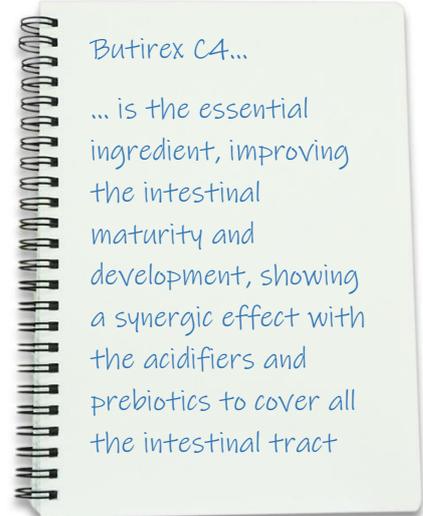
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The aim of these trials was to measure the effect of BUTIREX C4 in combination with organic acid and prebiotics on the zootechnical parameters of broiler chickens under commercial conditions.



### Method and Material

- Two similar trial, that only differed:
  - Animals: 1) 275700 birds and 2) 338400 birds.
  - Days: 1) from 0 to 42 d of age and 2) from 0 to 41 d of age.
- Feed program: 4 diets; starter (commercial diet without treatment), grower 1 (20.5% CP), grower 2 (19.5% CP), and finisher (19% CP).
- Treatments: Control vs Combination 1 kg/ton (30% Butirex-C4, 50% Fumaric and 20% Prebiotics) from grower 1 to finisher.
- Zootechnical parameters: body weight, weight gain, feed intake, feed conversion.



### Growth Performance Results

In. both tests, the feed conversion, mortality and European performance index was improved with the synergic effect of Butirex C4, acidifier and prebiotics.

The effect of final body weight in the first flock was also improved. In the second flock not differences were observed, but mortality was decreased compared with control (2.44 vs. 3.94%).

Table 1. Effect of BUTIREX C4 in combination with organic acid and prebiotics on growth performance.

	Trial 1 (0 to 42d)			Trial 2 (0 to 41d)		
	Control	Butirex C4	Diferences (%)	Control	Butirex C4	Diferences (%)
<b>DFI, g</b>	104	102	-1.9%	103	101	-1.9%
<b>FCR</b>	1.71	1.65	-3.5%	1.63	1.61	-1.2%
<b>BW, kg/bird</b>	2.56	2.60	+1.6%	2.61	2.59	-0.7%
<b>Mortality, %</b>	2.92	2.75	-5.8%	3.94	2.44	-38%

### Conclusions

BUTIREX C4 in combination with organic acid and prebiotics showed improvements on the zootechnical parameters of broiler chickens under commercial conditions in both trials. These results are consistent with the synergic effect among them, covering all the intestinal tract