



## Butirex-C4 improve productive performance in commercial conditions

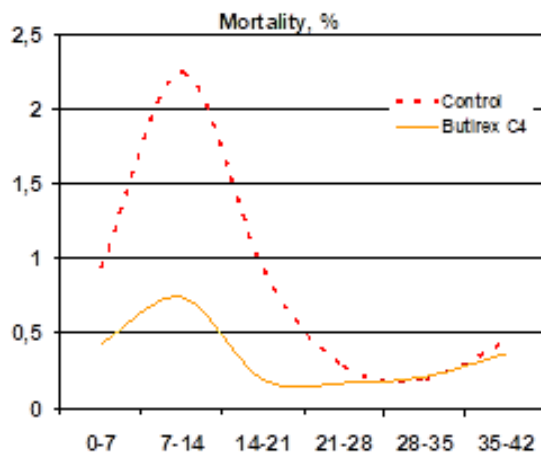
BRAZIL 2010-2013

PREM13-AV-BR-4

The main objective was to measure the effect on performance parameters of broiler production adding 1 kg/tonne of Butirex C4 under Brazil field conditions. The Control group has not AGP added.



**TRIAL 1 BRAZIL 2010:** A total of 54.000 broiler chickens from 1 day old were randomly distributed in 4 livestock (2 Control and 2 Butirex C4). From day 0 to day 42.



Age, days	Control	Butirex C4	Dif, %
1	42	42	
7	177	176	-0.5
14	415	447	7.7
21	868	921	6.1
28	1489	1537	3.2
35	2025	2010	-0.7
42	2481	2698	+8.7

**TRIAL 2 BRAZIL 2010:** A total of 54.000 broiler chickens (control group) and 50.200 broiler chickens (Butirex C4 group) were evaluated from day 0 to day 49.

	Control	Butirex C4	Dif, %
Days	48	49	
Initial animals	54,000	50,200	
Final animals	51,452	48,912	
Mortality, %	4.72	2.57	- 45.6
Av. DFI, g	108	113	4.6
Av. DWG, g	57	62	8.8
FCR	1,88	1,80	- 4.2

**TRIAL 3 BRAZIL 2012:** A total of 78.000 broiler chickens (control group) and 78.200 broiler chickens (Butirex C4 group) were evaluated in three different farms from day 0 to day 44.

	Control	Butirex C4	Dif. %
Days	43,9	44,2	
Initial animals	78000	78200	
Final animals	75365	75382	
Mortality, %	3.38	3.60	6,5
Final body weight, g	2398	2474	3,2
DFI, g	105,0	104,3	- 0,7
DWG, g	57,04	58,28	2.2
FCR	1,84	1,79	- 2.7
Efficiency factor	300,1	313,3	4.4

**TRIAL 4 BRAZIL 2013:** A total of 720.000 broiler chickens (control group) and 166.100 broiler chickens (Butirex C4 group) were evaluated in 32 different farms from day 0 to day 42.

TRIAL 4 BRAZIL 2013	Control	Butirex C4	Dif. %
Days	41,5	42,0	
Final animals	691654	160617	
Mortality, %	3.94	3.30	- 19.4
Final body weight, g	2242 y	2325 x	+ 3.7
DFI, g	99.4	100.7	+ 1.3
DWG, g	53.99	55.35	+ 2.5
FCR	1.84	1.82	- 1.1
Efficiency factor	282.5	294.7	+ 4.3
Cost / housed animal R\$	3.68	3.81	+ 3.5
Income / housed animal R\$	6.24	6.54	+ 4.8

**TRIAL 5 BRAZIL 2013:** A total of 3 farms of broiler chickens were evaluated from day 0 to day 43-44.

Month Parameter	April	May	June	Dif. %
	Control	Butirex C4		
Days	43.10	43.14	44.36	
Mortality, %	3.49	4.39	5.19	+ 37.25
Final body weight, g	2506	2542	2754	+ 5.65
DWG, g	58.14	58.93	61.63	+ 3.65
FCR, corr 2.5 kg	1.778	1.774	1.705	- 2.17

### Conclusions:

- The body weight was better in BUTIREX C4 chicks than in control chicks
- With Butirex C4 the return of benefits was a 2.7% more than Control group, considering the increase in the feed cost by kg of meat
- With Butirex C4 the efficiency factor (performance measure) was a 4,4% higher than in Control group
- Mortality, weight and efficiency factor improves with Butirex C4
- Weight and feed conversion improve with Butirex C4

Do you want to know more?



butirexC4.net