

## Use of Bioaktiv for Animal Feed in Brasil – Marcio André Heineck

**Place:** Arroio do Meio-RS  
**Address:** Vila Forqueta s/nº - Arroio do Meio-RS  
**Business:** Pig breeding – piglet rearing  
**Contact:** Marcio André Heineck: (51) 9664 5265  
**Management:** Farrowing crates  
**Capacity:** 2 houses accommodating 1,210 pigs/group

### Bioaktiv test procedure:

To assess the effect of BioAktiv on weight gain and animal health, tests were run to compare pig performance in the two houses with the product fed to a number of pigs only.

Stalling-up and housing-out weights were taken from cooperative records (animals had been weighed before arriving at the farm). Eventually the groups which had received BioAktiv were compared with the group which had not been fed BioAktiv.

### Results and discussion:

Major test results are shown in the table.

Indicator	Group in August 2013	
	with Bioaktiv	w/o Bioaktiv
No. of pigs	626	584
Average stalling-up weight (kg/pig)	7.25	6.85
Average housing-out weight (kg/pig)	24.90	23.61
Fattening time (days)	40	42
Feed consumption (kg/pig/day)	0.51	0.51
Feed conversion <sup>1</sup> (kg/kg)	1.19	1.25
Weight gain <sup>2</sup> (%)	84.45	80.19
Daily weight gain (g/day)	424.19	391.27

### Remarks:

1 – Feed conversion: Feed taken up by an animal over a specific period/weight gain. The lower the value the better.

2 – Feed efficiency: Average weight gain per animal in the group/average feed take-up per animal. The higher the value the better.

Animals which received Bioaktiv and were housed out two days early still showed greater weight gains, the average difference being 32.9 g/day/pig, i.e. 8.41% more.

Productivity parameters such as feed conversion and weight gain were better for the group which received the product. The bigger the animals grow the better their daily weight gain. In other words, had the group on BioAktiv been fattened for 2 more days, productivity would have been even better.