

Effect of Supplement BACTOSAC® on Performance of Sows and Piglets

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Treatment program of Bactosac

Sow: 0.5 ml./sow/day from the 12th gestation week until weaning

Piglet: Fed orally 1 ml. of Bactosac/piglet on the 1st and 3rd day and mixed with creep feed (50 ml. of Bactosac/1kg of feed) from the 3rd day after birth until weaning at 18 days of age

Results in sows in the treatment groups compared with the control group. (n=100)

Parameter	Control	BACTOSAC
Wean to first service(d)	6.29 ^a	5.71 ^a
BF (pre-farrowing) (mm.)	22.94 ^a	24.19 ^b
BF (at weaning) (mm.)	20.23 ^a	22.36 ^b
BF Loss (%)	11.79 ^a	7.57 ^b

^{a,b} Values in different columns with different superscripts are significantly different (P<0.05)

Results in weaning pigs in the treatment group compared with the control group.

Parameter	Control	BACTOSAC
Total born / Litter	11.17	11.70
Born alive / Litter	10.29	10.51
Birth weight (kg.)	1.41	1.59
Wean / Litter	9.63	10.19
Weaning weight (kg.)	5.55	6.10
ADG (kg./d)	0.221	0.240
Pre-Weaning loss (%)	6.48	3.04

Summary

Supplementation of BACTOSAC® in sows resulting in decreased back fat loss during lactation period. This indicated benefit on weaning to first service interval. Probiotic supplementation also strengthen piglet health and lead to increase birth weight, weaning weight and reduce pre-weaning mortality.