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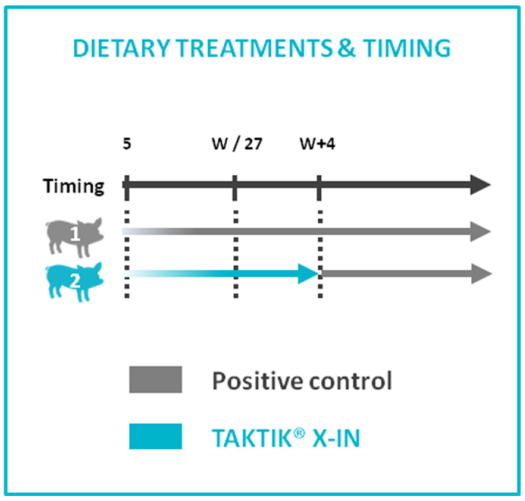
TakTik® X-IN not only improves intake of piglets but also piglet's health and group homogeneity

CONTEXT

A recent trial, achieved in the Netherlands in partnership with a major Dutch feed producer, highlighted the impact of TakTik X-IN on very young piglets[1]. The trial focused on the effect of TakTik® X-IN on performance and health. During the creep feed period and until the 4th day after weaning, animals received either TakTik® X-IN or a positive control treatment (containing regular feed and a mixture of taste enhancer and vanilla flavor). After the 4th day after weaning, all piglets received the same feed, containing also the mixture of taste enhancer and vanilla flavor. Around 150 litters (i.e. 1700 piglets) were fed during the trial. The present document shows some key findings observed during the trial.

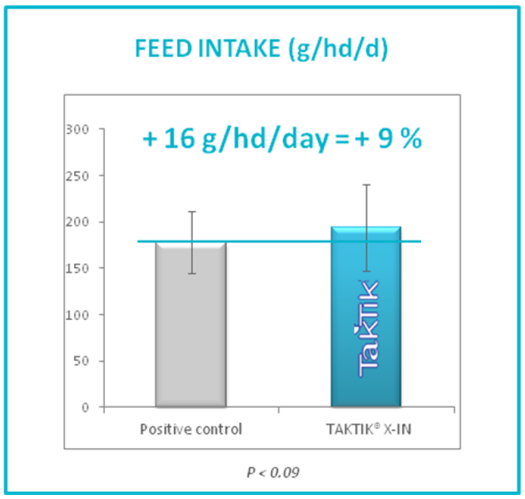


TakTik® X-IN INCREASES FEED INTAKE AT WEANING STEP

Before weaning, intake was only numerically increased for animals fed TakTik® X-IN. Still, feed intake remains quite low at that stage.

Just after weaning, when focusing on the period between weaning and the 4th day after weaning, feed intake was increased significantly for animals fed TakTik® X-IN (See graph beside). Feed intake at weaning was increased by 16 g/hd/d. This represents an increase of 9 %.

These results suggest that TakTik® X-IN is able to optimize piglets' intake during the weaning phase, when intake is a highly critical concern for farmers.



[1] For more details, please refer to technical bulletin n°900

Voie-des-Traz 6, CH-1218 Le Grand-Saconnex (Geneva) - Switzerland - Tel: +41 22 929 84 84 - Fax: +41 22 929 84 95
Zone Industrielle d'Arlod, F-01200 Bellegarde s/Valserine - France - Tel: +33 450 48 52 11 - Fax: +33 450 48 60 40
1504 Rue Michaud, Drummondville QC –J2C 2Z5 - Canada - Tel: +1 819 474 99 44 - Fax: +1 819 474 99 55
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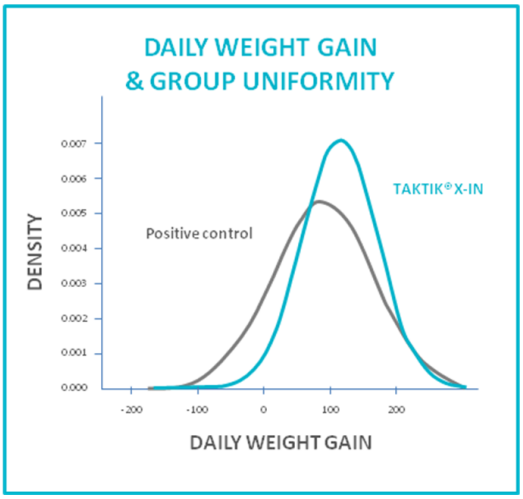
TakTik® X-IN IMPROVES GROUP HOMOGENEITY

After weaning, body weight gain was increased with TakTik® X-IN (numerically increased by 16.9 g/hd/d) but the group uniformity was also improved. As an illustration, for BWG, the coefficients of variation for TakTik® X-IN and the positive control were respectively 49.6% and 59.4%.
This difference can be seen on the graph beside. One can also observe that this reduction of group heterogeneity is primarily linked to the reduction of "tails", i.e. reduction of the number of weak piglets with low daily weight gains. Indeed, low performance often comes from weak piglets which are very small, and stay small. Those piglets still consume diets but they are associated with cost with no good return. This observation is consistent with previous work from Pancosma[2].

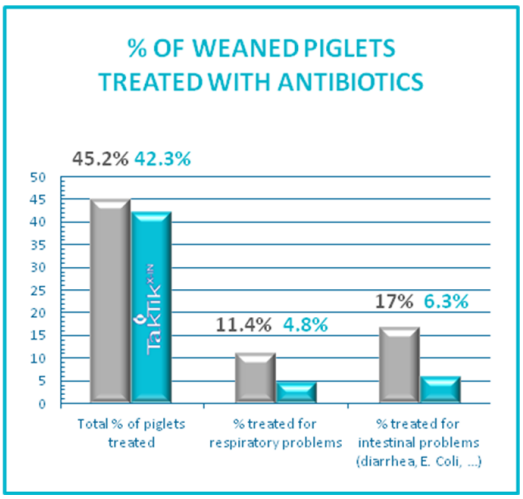


These results suggest that TakTik® X-IN can improve performance of animals by increasing group uniformity, i.e. "tails" of weak piglets are reduced while overall performance is increased.

TakTik® X-IN IMPROVES HEALTH OF YOUNG PIGLETS AFTER WEANING

During the trial, veterinary treatments were slightly more important than usually. This might be interpreted also as a realistic situation compared to the field. Nevertheless, it appears that the percentage of animals treated with antibiotics was more important for the positive control group than for animals fed TakTik® X-IN after weaning (See graph beside). This was clearer when focusing on critical pathologies (respiratory or intestinal problems).

This data suggests that TakTik® X-IN has a positive effect on piglet's health. Again, this is consistent with previous work achieved by Pancosma[3].



CONCLUSION: TakTik® X-IN TARGETS KEY CONCERNS FOR YOUNG PIGLETS

TakTik® X-IN does not act simply as a palatant but as a sophisticated hybrid product, combining properties and synergistic effects of sweeteners and phytonutrients. Compared to usual solutions, TakTik® X-IN does not only improve intake of piglets at weaning but also piglet's health and group homogeneity. These results are of course consistent with previous works from Pancosma and meet technical needs and economic expectations of modern farming.

[2] Cf. Pancosma Research News n° 16. March 2011.
SUCRAM® for piglets beyond sweetness, the true story! (P10)
[3] Cf. Pancosma Research News n° 34. October 2012.
TAKTIK® X-IN reduces health problems of weaning piglets

Voie-des-Traz 6, CH-1218 Le Grand-Saconnex (Geneva) - Switzerland - Tel: +41 22 929 84 84 - Fax: +41 22 929 84 95
Zone Industrielle d'Arlod, F-01200 Bellegarde s/Valserine - France - Tel: +33 450 48 52 11 - Fax: +33 450 48 60 40
1504 Rue Michaud, Drummondville QC –J2C 2Z5 - Canada - Tel: +1 819 474 99 44 - Fax: +1 819 474 99 55
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