



IMM-007

RESULTS OF VACCINATION WITH SUVAXYN® CIRCO+MH RTU IN A PILOT GROUP OF FARMS: LONGITUDINAL STUDY OF GROWTH PERFORMANCE PER BATCH

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Lung checks of pig carcasses at slaughter is a well-established standardised procedure for monitoring respiratory health at farm level. However, pig slaughterhouses also collect other data for carcass classification and payment of farmers that can be used to monitor health and growth performance. Since 2015, Zoetis has been offering French pig veterinarians a longitudinal batch growth performance monitoring service. This service, called IPC ABATTOIR, allows veterinarians to substantiate the impact of on-farm changes in real time.

In the last three months of 2016, veterinarians from several pig veterinary practices in France prescribed vaccination with Suvaxyn® CIRCO+MH RTU in a pilot group of 20 farms. The impact of this preventive measure on growth performance at batch level was evaluated using IPC ABATTOIR. On each farm, the data of an average 5.7 batches of pigs vaccinated according to the farm's previous protocol (14 farms vaccinated against both enzootic pneumonia and PCV2, 6 vaccinated only against enzootic pneumonia) were compared to the data of 6.0 subsequent batches vaccinated with Suvaxyn® CIRCO+MH RTU (data from 68,475 pigs in total).

There was no statistically significant difference between groups for any of the growth performance parameters (individual wean-to-slaughter ADWG; carcass weight; time between first and last shipment within a batch; variation coefficient of the wean-to-slaughter ADWG), although a numerical improvement was observed. Furthermore, comparison of these parameters in the subgroup of farms without previous vaccination against PCV2 showed a significant improvement of the variation coefficient of the ADWG, indicating a probable presence of subclinical PCV2 infection on these farms.

This field study confirmed that Suvaxyn® CIRCO+MH RTU proved at least as efficacious regarding growth performance as the previous vaccine protocols in place in the pilot group of farms.

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