

I CONGRESO DE LA ASOCIACIÓN NACIONAL DE VETERINARIOS DE PORCINO

ZARAGOZA DEL 5 AL 6 DE NOVIEMBRE 2008

COMUNICACIONES ORALES Y PÓSTERES

**STUDY OF THE EFFICACY AND
SAFETY OF FLORFENICOL PREMIX
(NUFLOR 40 MG/G PREMIX FOR
MEDICATED FEEDING STUFF FOR
SWINE) USED IN THE PREVENTION
AND TREATMENT OF AN OUTBREAK
OF PORCINE RESPIRATORY DISEASE
COMPLEX (PRDC)**

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ABSTRACT:

Three different premix antibiotic treatments (florfenicol 200 at ppm, florfenicol at 80 ppm and tilmicosin at 200 ppm) have been evaluated in the prestarter feed of piglets in a farm with historical of Porcine Respiratory Disease Complex (PRDC). Objective was to evaluate the florfenicol premix safety and clinical efficacy in the prevention and treatment of an outbreak of PRDC, with a clinical and laboratorial diagnostic of *P. multocida*, *H. parasuis* and *S. suis*.

Animals exhibiting acute clinical signs of PRDC at the beginning of the trial have been considered as “ill” and animals without clinical signs were classified as “exposed”.

Results showed that in the “exposed pigs” both florfenicol treatments obtained better numerical results than tilmicosin in the following parameters: mortality, illness index, dyspnea, depression and percentage of injected animals.

Results in the “ill pigs” showed that florfenicol at 200 ppm, obtained statistically significant differences in dyspnea, depression and illness index versus tilmicosin at 200 ppm

Florfenicol premix treatments used at 200 and 80 ppm have been an interesting alternative in the prevention and treatment of the PRDC associated to *P.multocida*, *H. parasuis* and *S. suis*.

KEYWORDS:

Swine, nursery, pneumonia, *Pasteurella multocida*, florfenicol, tilmicosin.