

## Reference chicken farm Products: PIP AHC and PIP AHS

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## **Initial situation:**

- 55.000 chickens, one old and one new barn
- For 2 years, enormous problems with ORT
- Intensive treatments create high resistance to antibiotics
- At the end of April 2006, only one antibiotic, Amoxcilline, had some action against pathogenic bacteria.
- The farmer considered to stop breeding for one year, or to look for a completely new concept to prevent diseases. The use of the antibiotics was consuming all of the potential profits.

## First PIP round started at the 4<sup>th</sup> of May 2006:

- 4 days after starting, a low incidence of ORT symptoms was noticed.
- Daily spraying of PIP AHS was done
- Incidence stays low. Impression of recovery.
- 10 days after starting, a low incidence of dysbacteriosis was seen.
- Continuous daily spraying of PIP AHS, however, on day 11 a 2 day Colistine treatment.
- After this treatment no problems anymore
- No antibiotic treatment anymore

## Second PIP round started at the 22th of June 2006:

Negotiations with the brewery to spray the chickens at the moment of the vaccination with PIP AHS 5 %. They put PIP AHS 5% in the diluents of the vaccine.

This round no problems, no use of antibiotics.