



Supplementation with Miya-Gold® S reduces clinical Salmonella in weaned piglets

Trial description

1 Set-up

- **Location:** Sow farm (Denmark)
With increasing incidence of nonspecific diarrhea (*E. coli* and *Salmonella* spp.) not responding to antibiotic treatment.
- **Groups:**
 - Control group: all piglets weaned in Q2 2015
 - Treatment group: all piglets weaned in Q3 and Q4 2015

Clinical Salmonella outbreak started in w24

Miya Gold® S supplementation started in w28 (Q3) 2015

2 Treatment

- 6-9 kg pig: 2 kg Miya Gold® S / mT
- 9-15 kg pigs: 1 kg Miya Gold® S / mT
- 15-30 kg pigs: 0.5 kg Miya Gold® S / mT

Feed ration:

- ZnO, 2500 ppm (only first 14 days) and benzoic acid added to the feed
- Formic acid (1500 ppm) to drinking water

3 Measured

- Weekly mortality & Average daily gain (g/day)

Results

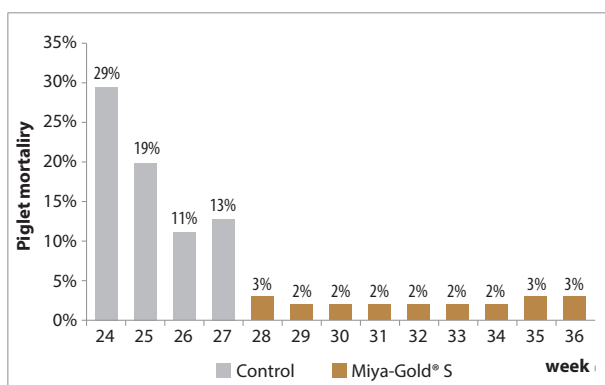


Figure 1: Weekly piglet mortality

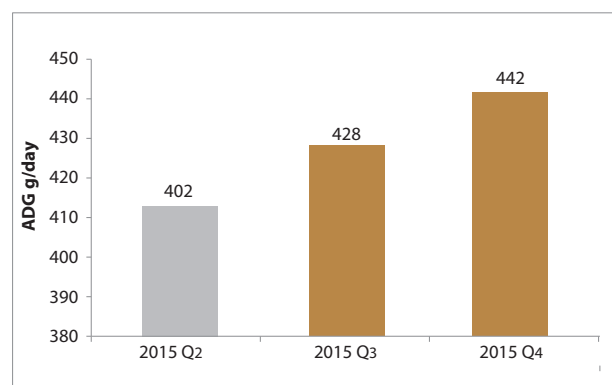


Figure 2: ADG before and after Miya-Gold® treatment

Conclusion

Adding Miya Gold® S to the piglets' diet resulted in:

- Stopping clinical Salmonella outbreak - diarrhea
- Decreased mortality (-7 %)
- Increased ADG (+10 %)