Supplementary material

The ten finisher batches’ rearing pathways with and without exposure measurements of AM use.

ID 1. Integrated – no suppliers

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 2. Multisite – 2 suppliers

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 3. Multisite– 1 supplier

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 4. Multisite– 1 supplier

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 5. Multisite – 2 suppliers

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

ID 6. Integrated – no suppliers

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 7. Multisite – 1 suppliers

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 8. Multisite – 2 suppliers

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 9. Multisite – 1 supplier

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

ID 10. Multisite – 1 supplier

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

*ADDkg*

*ADDkg*

Finisher

Unit

Rearing

Weaner

(50 days)

Piglet

(25 days)

Finisher

(85 days)

Weaner

Sow

Sampling date

*ADDkg*

Fig. 1S. The ten finisher batches rearing pathways. A colour shift in a bar denotes that a farm has a different geographical location to the farm where sampling took place. The top graph per ID shows the units within each farm included in the rearing path, and the graph below shows how the exposure measurements of AM use were obtained. The orange square applies to *Finisher Unit Exposure* and therefore comprises the AM usage in the finisher-rearing period in the finisher unit. *Lifetime Exposure* applies to the orange, green and blue squares, respectively and therefore comprises the AM usage in the piglet-rearing period in the sow unit, the weaning-rearing period in the weaning unit and the finisher-rearing period in the finisher unit. The red square applies to *Herd Exposure* and therefore comprises AM usage throughout the entire rearing period in all units.