

ADD - Average Daily Dose

ADD - average daily dose - is defined as the daily amount of antibiotic required for antibiotic treatment of a standard pig. ADD is used to monitor the number of standard treatments administered on a pig farm.

How is ADD calculated?

For calculation of ADD, the below standard weights are used for each age group:

- 1 sow: 200 kg
- 1 weaner: 15 kg
- 1 finisher/gilt: 50 kg

Weaners ADD - example

- Antibiotic A: 1 ml is administered per 15 kg pig:
- 100 ml antibiotic A may treat 100 pigs weighing 15 kg = 100 ADD
- 100 ml antibiotic A may treat 50 pigs weighing 30 kg = 100 ADD

Finishers ADD - example

- Antibiotic A: 3.3 ml are administered per 50 kg pig:
- 100 ml antibiotic A may treat 30 pigs weighing 50 kg = 30 ADD
- 100 ml antibiotic A may treat 15 pigs weighing 100 kg = 30 ADD

How is ADD determined?

- The amount of antibiotic in an ADD is determined on the basis of the approved dose
- If the approved dose is defined as an interval, eg. 30-40 mg/kg pig, ADD is the average of this (35 mg/kg)

The concentration of different antibiotics varies

- Antibiotic B (1 ml/20 kg) for 100 kg finishers, 5 ml = 2 ADD
- Antibiotic C (1 ml/10 kg) for 100 kg finishers, 10 g = 2 ADD

Included in ADD:
Antibiotics

Not included in ADD:
Vaccines
Pain-relieving drugs
Vet-Zinc, iron, vitamins



Antibiotics for piglets are included the use for sows



ADD for weaners is a dose for 15 kg pig



ADD for finishers is a dose for 50 kg pig



ADD for sows is a dose for 200 kg