

Stock solution of antibiotics

A stock solution is the mixture of drugs and water from which the medicator draws. To be able to administer correct antibiotic treatment through the pigs' drinking water, it is important that the stock solution is mixed correctly.

Measure the stock solution required before treatment

- Set the medicator to 2 %
- Monitor the consumption of water for a group of pigs by letting the medicator draw from a container of clean water for 20 hrs
- Note litres of water used

Correct stock solution

The amount of drugs required is calculated according to the instructions of the herd vet. See guidelines in fact sheet "Correct dosing of antibiotics"

- Mix the stock solution
 1. Fill a clean container with tepid water
 2. Add drugs
 3. Mix drugs and water thoroughly
 4. Fill up to the level noted the day before
 5. Wear gloves and mask when handling drugs

Rule of thumb if water consumption is not known

Medicator is set at 2 %

- $\text{Kg animals to be treated}/600 = \text{Litres stock solution}$
- 300 pigs of 15 kg = 4500, ie. $4500/600 = 7.5$ litres

Pigs drink approx.
1 litre water
per 10 kg pig a day

Pigs drink approx.
2.5 litres water
per 1 kg feed a day



Weighing antibiotics



Set medicator at 2 %



1 litre water per 10 kg
pig/day