Application of veterinary medicinal products in the livestock sector

Fact sheet for the animal keeper on the use of orally applicable finished medicinal products (OAF) via water using dosing devices

**General information:**
Using the dosing device, the amount of medicine determined by the veterinarian according to the formula:

"(mg active ingredient/kg KGW) x kg KGW x number of animals") and the concentration of the finished (i.e. ready-to-use) medicinal product is to be added to the water.

**Instructions for use**
1. The dosing device must function smoothly in technical terms and be able to add the daily dose to the daily feed requirements for the group to be treated. The animal keeper has to ensure the suitability of the device for the intended use. Equipment that has been examined according to DIN guarantees a high level of safety in the dosing of medication in medicated water.

2. The apparatus has to be maintained and calibrated according to the manufacturer's instructions.

3. The apparatus must be checked for functionality prior to treatment.
4. The apparatus should be installed as close as possible to the animal group to be treated.

5. The exact dosing by the apparatus must be checked according to the instructions for use.

6. The initial adjustment of the apparatus, when brought into operation for the first time, should be carried out jointly with the veterinarian attending the animals.

7. In order to avoid adverse effects on users due to dust formation of the medicinal product, masks covering noses and mouths should be worn, as well as gloves.

8. Attention must be paid to information on solubility/suspensibility of the OAF (indicated in mg/ml). The solution must be freshly prepared at regular intervals as indicated in the conditions for approval. In some cases, the intervals are no more than a few hours.

9. The water pipes must be dimensioned and installed in such a way that the formation of deposits is prevented by an adequate flow velocity and by the pipes being installed accordingly.

10. In accordance with the principles of drinking water hygiene, the water pipes must be flushed and disinfected prior to treatment in order to remove any deposits that might impair the effect of medication.

11. Treatment via water is only allowed in the case of watering devices where it is ensured that the water is almost completely consumed.

12. Care must be taken to ensure that the medicated daily amount of water is consumed within 24 hours. Where appropriate, the amount of water used has to be adapted to the daily water consumption.

13. During treatment, the animal group/herd and the dosing equipment should be checked at appropriate intervals.

14. Sick animals with impaired capacity to ingest water must be treated and marked according to the veterinarian's instructions.

15. If the symptoms do not improve or if there are deviations from the expected course of disease, the veterinarian attending the animals has to be informed without delay.

16. After treatment, the dosing equipment and the entire watering device must be completely emptied and cleansed.

17. Only then does the withdrawal period begin.

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**Instructions for use have been explained in accordance with the fact sheet:**

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