

## Getting started



- Check all water lines and dosing equipment to ensure there is proper operation and no leakage.
- Check the accuracy of the dosing device.
- Materials: Panacur® AquaSol™, mixing vessel, gloves, calculator



## Calculate volume of medication



- Calculate the volume of Panacur® AquaSol™.
- The required daily amount of product is calculated from the total estimated bodyweight (kg) of the entire group of chickens to be treated:

$$ml \text{ product/day} = \text{Total estimated bodyweight (kg) of chickens to be treated} \times 0.005 \text{ ml}$$



## Prepare pre-dilution (follow in order shown here)



- 1) Calculate the volume of Panacur® AquaSol™ to be administered daily.
- 2) Select a measuring device capable of accurately measuring a volume of at least twice the calculated Panacur® AquaSol™ daily volume.

*Note: If the total volume of the 1 to 1 dilution needed exceeds the volume of the largest available measuring device, divide the total volume into two or more smaller batches of 1 to 1 dilution, prepared following the steps below. Panacur® AquaSol™ should always be measured by adding it to a measuring device that already contains an equivalent volume of water.*

- 3) Pour a volume of water equal to the calculated volume of product needed into the measuring device.
- 4) Shake Panacur® AquaSol™ well before measuring.
- 5) Fill up the measuring device containing the water with the calculated volume of Panacur® AquaSol™ to obtain the 1 to 1 dilution.

*[Note: If more than the required amount of the product is accidentally poured into the measuring device, discard the entire contents and repeat the process from Step 3 above.]*

- 6) Add the prepared 1 to 1 dilution of Panacur® AquaSol™ in water to the water supply system as described below. Be careful to avoid any accidental spill or loss of the 1 to 1 dilution as this may inadvertently result in less than the required dose of fenbendazole.

- 7) Rinse the container used to prepare the 1 to 1 dilution of Panacur® AquaSol™ with additional water, and add the rinse water to the medicated water tank or stock suspension container of the dosing pump.



## Prepare stock suspension or bulk tank medication



### FOR USE WITH A DOSING PUMP:

- Add the entire 1 to 1 dilution of Panacur® AquaSol™ (in water) to the water in the stock suspension container (also called stock suspension) of the dosing pump. The volume of water in the stock suspension has to be calculated taking as a basis the pre-set injection rate of the dosing pump and the volume of drinking water usually consumed by the animals over a period of 3 to 24 hours. Stir until the content in the stock suspension is visibly homogeneous. The medicated water should appear hazy.
- At concentrations of up to 5 mL Panacur® AquaSol™/L stock suspension (1 g of fenbendazole/L), no stirring is required during the administration period. At concentrations from 5 mL up to 75 mL Panacur® AquaSol™/L stock suspension (1 to 15 g of fenbendazole/L) and within up to 8 hours during the treatment administration period, no stirring of the stock suspension is required. If the administration period exceeds 8 hours, but being no longer than 24 hours, the stock suspension needs to be equipped with a stirring device.

### FOR USE WITH A MEDICATION TANK:

- Add the entire 1 to 1 dilution of Panacur® AquaSol™ in water to the medication tank containing the volume of drinking water usually consumed by the animals in 3 to 24 hours.
- Stir until content in the medication tank is visibly homogeneous. The medicated water should appear hazy. No further stirring during administration is necessary.

During treatment all chickens must have sole and unrestricted access to the medicated water. After complete consumption of the medicated water, the chickens should have access to non-medicated drinking water ad libitum. Ensure that the total amount of medicated water offered is consumed.



## Repeat daily



- The medicated water must be prepared daily prior to each administration. Use the medicated water within 24 hours.

