

SPRAY APPLICATION OF AVIGUARD®
USING AVIGUARD AUTOSPRAYER



IMPORTANT: STORE AVIGUARD® IN THE REFRIGERATOR UNTIL YOU ARE READY TO USE. DO NOT STORE OPEN PACKETS.

PREPARATION OF AVIGUARD SOLUTION.

STEP 1 - WEAR A PAIR OF GLOVES AND A DUST MASK

STEP 2 - Measure out **250ml** of **CHLORINE FREE WATER** per **1000 birds** into a clean bucket. Add a further **200ml** to the total volume calculated, to allow for filling of spray lines and priming of the pump.

STEP 3 - Gently mix **AVIGUARD®** into the water. **1 dose per bird is required** (e.g. for 25,000 birds use 25,000 doses in 6.25 litres water + 200ml = 6.45 litres), and allow solution to stand for 10-15mins.

AVIGUARD® should be used within 1 hour of mixing the product in water.

STEP 3 – Ensure all of the powder has dissolved and then pour the **AVIGUARD®** solution into the vessel of the “AVIGUARD AUTOSPRAYER” and replace lid. If you have more than 10 litres of solution, cover the remainder and leave in a cool place until you are ready to use.

APPLICATION

STEP 1 - Calculate the volume of **AVIGUARD®** solution required per box of birds. .
Ideally, 0.25ml of AVIGUARD® solution is required per bird e.g. for 125 birds per box :

$$0.25\text{ml} \times 125 \text{ birds} = 31.25 \text{ ml per box} .$$

STEP 2 – To obtain the required dose rate using the “AVIGUARD AUTOSPRAYER”, select the most appropriate coloured nozzle:

Orange = 6 ml per shot
Green = 8.5ml per shot
Yellow = 11 ml per shot
Blue = 15ml per shot

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If 125 chicks in a box, recommend using Blue nozzle, (15ml), and dosing 2 shots over each box i.e.

$$2 \times 15\text{ml} = 30\text{ml per box (0.24ml per chick)}$$

OPERATING SPRAYER

STEP 1 –Ensure that sprayer is **fully charged** prior to use (4 hours continuous use is then available to user)

STEP 2 - To activate sprayer, **depress red button on the side of the battery pack/pump** unit.

STEP 3 – Holding the lance whilst pointing down vertically, depress the thumb trigger on the lance handle and hold. The spray will be discharged for approx. 1 second. Several initial doses should be sprayed to **prime the system** to obtain a uniform spray.

STEP 4 - Place the boxes of birds in a row on the floor and start spraying. **Lighting needs to be up.** Apply the pre-determined amount ensuring that all birds are covered. The spray lance should be moved smoothly over the birds, passing backwards and forwards.

STEP 5 - **Wait a minimum of 30 minutes from the time you started spraying before you tip the birds.** This gives the birds time to peck the AVIGUARD® off each other and ingest it. Check birds frequently to ensure they do not smother in boxes.

STEP 6 - When application is completed, **wash equipment** through with warm water. Discharge 20 – 50 shots through the system to clean out spray lines thoroughly.

STEP 7 – De-couple lance at the union nut to release any residual water held in the spray line.

STEP 8 – **Press red button on pump unit to switch off.**

STEP 9 – **Re-charge sprayer before next use. Plug in charger to charging socket in the side of pump unit. Red light on charger will go off when sprayer is fully charged.**