Control of Salmonella in laying flocks

No 7 - Fly & red mite control



Fly & litter beetle control

Background

- Large numbers of flies or litter beetles can carry *Salmonella* between houses and consecutive flocks placed in the same house.
- Flies can also carry a large number of other disease organisms such as *Brachyspira* or *E. coli*.
- Flies will lay eggs in the ends of belts if manure is allowed to accumulate or in badly managed mini-pits.



Action

- If more than the odd housefly is seen in the house check manure clearance at the ends of droppings belts.
- If larvae are present in a minipit, treat the manure with a larval inhibitor. Only early stage larvae are inhibited by these products so timeliness is essential.
- Consult the manufacturer's technical specialists for the product to get best advice on application and intervals for repeat treatments.
- Deal with adult fly populations with contact or 'knock-down' products.
- If fly control programmes are not working, consult product manufacturer's specialists again.



Red mite control

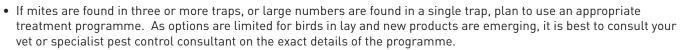
Background

- Red mites can carry and transmit some types of Salmonella (e.g. 'fowl typhoid') but their main effect is to cause irritation and stress in birds.
- Heavy infestations can lead to anaemia and lowered immunity to most infectious diseases.



Action

- Early action before mite populations accumulate is critical.
- Monitor for red mite using folded corrugated cardboard clipped to cages or nest boxes in six representative places in the house.
- Mites crawl into the tunnels and folds in the cardboard.
- After two weeks open out the cardboard, including the corrugations, and check for mites.



- · Continue to monitor mite populations every two to four weeks and repeat treatment as required.
- Aim to thoroughly power wash or steam clean the house before the next flock and apply a residual mite control product
 after disinfectants have dried.

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March 2012 AG-NCP07-0312

