

## WHY CONTROL RODENTS

## POULTRY & SWINE OPERATIONS

### DISEASES IN LIVESTOCK

- ▶ Rodents accelerate the spread of disease. They are carriers of more than 45 diseases
  - Poultry (salmonellosis, cholera)
  - Swine (leptospirosis, bordetellosis)
- ▶ Costs include lost livestock and treatment - up to \$6.4 billion annually

### FEED COST

- ▶ Rats consume 25g/day, mice consume 5g/day but they contaminate many times that amount with their droppings & urine
- ▶ A 1 point increase in feed conversion could cost a million bird complex \$10,000 per week

### DAMAGE COST

- ▶ Curtain & insulation damage increases energy costs and repairs are expensive
- ▶ Structural damage:
  - Wood/framework - Rodents gnaw at least 30 minutes everyday
  - Foundation - Rodent burrows can cause foundations to lose integrity



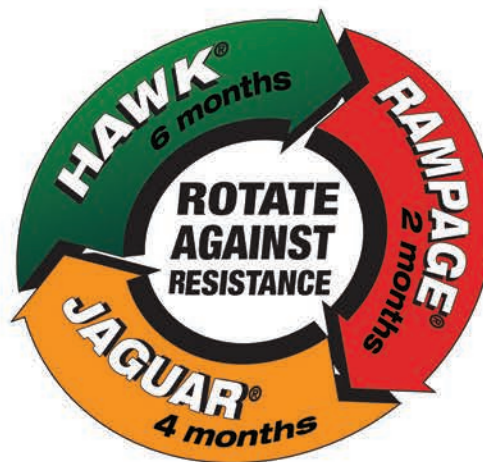
## MOTOMCO BAIT ROTATION

### HAWK®

- ▶ Can be used throughout the year for up to 6 months to maintain control
- ▶ Palatable formula is attractive to rodents even in the presence of competitive food sources

### JAGUAR®

- ▶ Should be used as your second anticoagulant formulation
- ▶ Its unique formulation, using the powerful active ingredient brodifacoum, appeals to even the most finicky rodents
- ▶ Plan to include in your rotation program for at least 4 months



### RAMPAGE®

- ▶ Use during peak rodent pressures and/or when you see populations spike
- ▶ Contains the active ingredient bromethalin, an acute active that kills rodents faster than anticoagulants
- ▶ Use for at least 2 months at a time

## **INSPECTION / IDENTIFICATION**

- Identify rodent species (House Mouse, Norway Rat, Roof Rat)
- Do not underestimate severity of problem
- Conduct inspection just after dark or at first light
- Look for gnaw marks, burrows and droppings; look on ground and in ceilings

## **SANITATION / RODENT PROOFING**

- Clean up all spilled feed (increases bait acceptance)
- Remove all debris around building (reduces harborage)
- Maintain a 3 foot weed-free zone around buildings (this will make bait stations more effective)

## **BAITING STRATEGIES**

### **Exterior**

- Place Tomcat Bait Stations around building, every 15-30 ft for rats and 8-12 ft for mice.
- Place stations closer in areas of greater rodent pressure.

### **Interior**

- Place Tomcat Bait Stations every 15-30 ft for rats and 8-12 ft. for mice. Nail chunx to ceiling rafters where rodent activity is noticed. Holes in ceilings should be baited and then covered with duct tape.
- Continue until no further activity is seen.



## **BURROW BAITING**

Bait burrows with loose pellets or meal bait only, as chunx will be pushed out and may not be eaten. Using a long handled spoon, place pellets deep into burrow, wait 5-7 days and then cover all burrows. Wait one day and re-bait all burrows which have been reopened. Continue baiting until burrows remain closed.

Bait stations and bait placements should be checked frequently (once a week). Maintain an uninterrupted supply of fresh bait to ensure that all rodents have continuous access. Then they can be checked once a month.

## **RECORD KEEPING**

- Monitor bait stations/placements on a regular basis to determine activity levels. Adjust baiting quantities accordingly.