

Poultry Mite Dust

For Northern Fowl Mite and Bed Bugs

PureScience™ **Poultry Mite Dust** from animal health technology innovator, TyraTech, is a premise and on-animal treatment to control Northern Fowl Mite and Bed Bugs in poultry operations.

- ✓ **Effective** – Kills up to 90% of adults, nymphs and eggs with a single application.
 - ✓ **Field-proven** – Reduces mites in the flock within 2 weeks, followed by continued reduction in weeks 3 and 4 as a result of efficacy against all life stages of the mite.
 - ✓ **Safe** – Nature-derived actives, safe for use around people, animals, and the environment when used as directed.
 - ✓ **Practical** – No need to remove birds when applying.
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Application Procedures for Fowl Mites in Breeder/Broiler Facilities

DAY OF APPLICATION PREPARATION

1. Apply very early in the morning to reduce production losses and allow fans to be off.
2. Prior to application, turn off cooling and evacuation fans. Keep fans off until dust has settled (about 15 minutes).

METHOD OF APPLICATION

1. Recommended method of application is with a backpack dust applicator/blower.
2. Set dust valve wide open, run the blower at an idle to blow dust evenly while slowly walking down the nest boxes.
3. Set dust valve wide open. Run the blower at an idle while slowly walking from one end of the house to the other. Apply with a slow side-to-side motion of the wand for full coverage of the floor.

RATE

- Apply 2.5 – 3 pounds of the Dust per 100 linear feet to both sides of all nest boxes. This quantity should allow treatment of both sides of the nest box row.
- Apply 10 – 13 pounds of the Dust evenly per 100 linear feet to the entire “scratch” area of the house.

TIMING OF APPLICATION

- Repeat application as needed - assess every 6 – 8 weeks.

Application Procedures for Fowl Mites in Caged Layer Facilities

DAY OF APPLICATION PREPARATION



1. Apply very early in the morning to reduce production losses and allow fans to be off.
2. Prior to application, turn off cooling and evacuation fans. Keep fans off until dust has settled (about 15 minutes).

METHOD OF APPLICATION

1. Recommended method of application is with a backpack dust applicator/blower modified by placing a 3” diameter rubber 90-degree elbow at the end of the delivery tube, which can be secured using a hose clamp.
2. Set the dust delivery knob on the #5-6 notch. Operate the blower at an idle, moving the delivery tube up and down in order to direct the dust to each tier of cages.
3. Direct the dust onto the birds in each tier of cages on both sides of each cage row.

RATE

- Apply approximately 1 pound per 1,000 birds in the caged layer production rooms.

TIMING OF APPLICATION

- Repeat application one week after the initial application. Repeat as needed if infestation is still present 4 weeks after initial application.

Application Procedures for Bedbugs in Breeder/Broiler Facilities

For All Applications

DAY OF APPLICATION PREPARATION

1. Apply very early in the morning to reduce production losses and allow fans to be off.
2. Prior to application, turn off cooling and evacuation fans. Keep fans off until dust has settled (about 15 minutes).

With Birds Present (Curative)

RATE

- Apply 5 pounds / 1,000 sq. ft.

METHOD OF APPLICATION

- Open all nest box lids and the roosting lid at the bottom of the nest boxes.
- Apply Poultry Mite Dust to both sides of all nest boxes using a backpack dust applicator/blower. Set the dust delivery handle on the #4 notch and operate the blower at an idle. This will allow the dust to be directed to the areas where the bed bugs are densely populated.
- At the same settings, apply Poultry Mite Dust to the top of the walls on both sides of the production area, and around the egg belt area in the egg collection room.

TIMING OF APPLICATION

- Repeat applications as necessary until the production facility birds are depopulated.

During Depopulation Time (Curative & Preventative)

RATE

- 5 pounds / 1,000 sq. ft.
- Apply 1 pound / 1,000 sq. ft. for attic area (if applicable)

METHOD OF APPLICATION

1. Make sure to implement an effective rodent control program. Otherwise, bedbugs can survive on the rodents and cause the bedbugs to return during the next flock.
2. Remove all slats from the house(s), scrape off litter, apply detergent, let soak, power rinse with a pressure washer, and allow them to dry in the sun. Then apply a residual insecticide to the surfaces of all slats before putting them back in the house.
3. After house has been washed and disinfected and is ready for bird placement, apply 20-pounds of Poultry Mite Dust in the attic (if applicable) using a backpack dust applicator/blower as described above.
4. Apply an effective residual insecticide to the interior of the house and to exterior eaves and footing, making sure to apply to cracks and crevices where bed bugs harbor.
5. Apply 100 pounds of Poultry Mite Dust to both sides and along the top of the nest boxes. Use the same settings and procedures as described in the **With Birds Present** section.

Product Specifications

PRODUCT CODE	40400
UNIT SIZE	20 lbs
CASE PACK	40 lbs (2 x 20 lbs)
STATES REGISTERED	AL, AR, CA, CO, DE, FL, GA, HI, IL, IN, IA, KS, KY, LA, MA, MN, MS, MO, NE, NJ, NM, NY, NC, OK, OR, PA, SC, TN, TX, VA



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MANUFACTURED BY: **TYRATECH** Inc.
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