

TWO WAY FLY CONTROL



APEX®- AN INSECT GROWTH REGULATOR FOR SCIARID FLIES **PHOR-EX®- AN ADULTICIDE FOR SCIARID AND PHORID FLIES**

It is estimated that the mushroom industry loses \$80 million each year due to fly related issues. Protect your mushroom production from sciarid and phorid fly infestations with the combination of Apex® and Phor-Ex® products from Central Life Sciences.

APEX®

PHOR-EX®



RESIDUAL COVERAGE WITH APEX®

Apex® liquid is an insect growth regulator that can be used throughout your mushroom operation. It provides long-term control that breaks the sciarid fly life cycle and reduces next-generation populations.

FEATURES

- The active ingredient (s)-methoprene
- Non-fungitoxic
- Approved application prior to “first break”

BENEFITS

- Long-term control
- Protection for the balance of the cropping cycle
- Maximized growth potential
- User friendly profile for humans and the environment

APPLICATION RATES

- 5 ½ fl oz per 1,000 sq ft applied evenly and thoroughly into casing prior to casing operation, then drenched evenly onto surface immediately after placement.
- In compost at the time of spawning at 5 ½ fl oz per 1,000 sq ft, then in casing at the time of placement at 2 ¼ fl oz per 1,000 sq ft.
- On compost 12-13 days after spawning, drenched evenly at 2 ¾ fl oz per 1,000 sq ft, then at 2 ¾ fl oz per 1,000 sq ft mix into casing before placement or drenched evenly after placement.
- 5 ½ fl oz per 1,000 sq ft into casing prior to placement, then 2 ¾ fl oz per 1,000 sq ft as a surface drench prior to first break.



KILLING POWER WITH PHOR-EX®

The active ingredient in Phor-Ex® concentrate is an adulticide that provides quick knockdown of sciarid flies. Phor-Ex® concentrate has section 18 registration in Pennsylvania and can be used as a surface or fogging application throughout mushroom houses to provide reliable control of flies and other pests that affect mushroom production*.

FEATURES

- The active ingredient etofenprox
- Economical usage rates
- Low-odor formulation

BENEFITS

- Kills phorid and sciarid flies as well as other pests
- Can be applied as a surface or fogging application*

APPLICATION RATES

- Fogging — 4.2 oz (124 mls) per 10,000 cubic feet
- Surface — 1 gal (diluted) per 1,000 sq ft (dilution = 2 oz (60 mls) Phor-Ex® to 1 gallon water)

*Do not spray directly on the mushroom crop.



SCIARID FLIES

Adults are winged, approximately 3 to 4 mm in length, black in color, with long legs and antennae. Adults tend to congregate near the growing medium surface and live from 7 to 10 days.



PHORID FLIES

Adults average 3 mm in length, vary in color from a light brown to yellow and have the characteristic thickened and shorted costal wing vein of other phorids. Depending on temperature, they can survive for 1 to 2 months.



For more information about Apex® and Phor-Ex®, call your L.F. Lambert Spawn Company sales representative at 610-384-5031, or contact Central Life Sciences at 800-248-7763.

