

100 Nisus Drive • Rockford, TN 37853 USA
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IDENTIFICATION GUIDE

IDENTIFY, CONTROL, & TREAT FLIES



BLOW & BOTTLE FLIES



DESCRIPTION

About 1/3" in length with a shiny metallic, dark blue abdomen and thorax. Includes black blow flies and green bottle flies.

FEEDING/BREEDING HABITS

Dead animal carcasses, garbage and wounds in living animals.

LIFE CYCLE

8-21 days

NON-CHEMICAL CONTROL

Sanitation, destruction of breeding sites and tight-fitting garbage containers.

CHEMICAL CONTROL

Larvicides, residual and space sprays, bio-remedial cleaning and use of foam to deliver insecticides.

OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)



TRUETECH®

SPRAYERS ■ FOAMERS ■ MISTERS

DRAIN FOAMING: MIXING INSTRUCTIONS FOR DRY FOAM

Use on visits 1 & 4. Creates residual bait & disinfects.	Water	ProFoam	Nibor-D (5%)	DSV*
	1 gal.	approx. 7 oz.	one 8 oz packet (or 5 scoops)	2 oz.
Use on visits 2 & 3. Creates residual bait & reduces buildup.	Water	ProFoam	Nibor-D (5%)	Bac-Azap
	3/4 gal.	2 oz.	one 8 oz packet (or 5 scoops)	1 qt.
Kills pests & creates residual bait.	Water	ProFoam	Nibor-D (5%)	
	1 gal.	2 oz.	one 8 oz packet (or 5 scoops)	
Disinfects & sanitizes. Controls small flies in drains. Small fly ovicidal treatment.	Water	ProFoam		DSV*
	1 gal.	approx. 4 oz.		2 oz.
Reduces buildup.	Water	ProFoam		Bac-Azap
	3/4 gal.	1 oz.		1 qt.

NOTE: Make sure the check screen has been removed when foaming. The TrueTech 2000 Power Cart will dispense a gallon of these solutions in approximately 10 minutes, producing 20 gallons of foam at a 20:1 expansion ratio. When using an IGR, add up to 12 oz. of ProFoam Platinum.

*DSV creates a slight de-foaming action. Gradually add ProFoam up to the recommended amount until you achieve the correct consistency.





DRAIN MAINTENANCE PROTOCOL

1. Spray Nisus DSV™ solution directly into the drains.
 2. Clean out gross soils and clean drains with a drain brush (dip or spray drain brush with DSV solution while cleaning).
 3. Foam drains with Nibor-D®, DSV and ProFoam® Platinum solution.
1. Inspect drains for build-up and clean if necessary using brush dipped in DSV solution.
 2. Foam drains with Nibor-D, Bac-Azap® & ProFoam.
1. Foam drains with Nibor-D, Bac-Azap & ProFoam.
 1. Inspect drains for build-up and clean if necessary using brush dipped in DSV solution.
 2. Foam drains with Nibor-D, DSV & ProFoam.

Repeat pattern on weekly or monthly service.



HOUSE FLIES



Clemson University - USDA Cooperative
Extension Slide Series, Bugwood.org

OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)

DESCRIPTION

About 1/4" in length with dull gray thorax marked longitudinally with four dark stripes, pale abdomen and fourth wing vein is angled.

FEEDING/BREEDING HABITS

Warm organic material such as animal and poultry manure, garbage, decaying vegetables and fruits and moist leaves and lawn clippings.

LIFE CYCLE

6-10 days

NON-CHEMICAL CONTROL

Sanitation, destruction of breeding sites, tight fitting garbage containers and screens on windows and doors.

CHEMICAL CONTROL

Larvicides, residual and space sprays, baits, bio-remedial cleaning and use of foam to deliver insecticides.



MOTH / DRAIN FLIES (also Filter / Sewage)



OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)

DESCRIPTION

1/16" to 1/8" in length, light gray to tan.

FEEDING/BREEDING HABITS

Decomposing organic material such as moist plant litter, garbage, sewage, around kitchen or bathroom sinks and water traps in plumbing fixtures.

LIFE CYCLE

7-20 days

NON-CHEMICAL CONTROL

Sanitation, destruction of breeding sites, tight fitting garbage containers and moisture control.

CHEMICAL CONTROL

Larvicides, residual and space sprays, bio-remedial cleaning and use of foam (including foam in drains) to deliver insecticides.



NISUS SMALL FLY PROGRAM



PHORID / HUMPBACED FLIES



Susan Ellis, Bugwood.org

OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)

DESCRIPTION

About 1/8" in length with a small head and large thorax causing the fly to have a hump-backed appearance.

FEEDING/BREEDING HABITS

Decaying vegetation, animal debris, garbage, sewage, and ant and termite nests.

LIFE CYCLE

10-25 days

NON-CHEMICAL CONTROL

Sanitation, destruction of breeding sites and moisture control, repair sewage leaks.

CHEMICAL CONTROL

Residual and space sprays, bio-remedial cleaning and use of foam to deliver insecticides.



FLESH FLIES



David Cappaert, Bugwood.org

OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)

DESCRIPTION

3/8" to 9/16" in length, dull grayish-black with three dark stripes on the thorax, dark-patterned abdomen.

FEEDING/BREEDING HABITS

Decayed flesh, spoiling meat, manure, wounds in living animals and sometimes garbage.

LIFE CYCLE

8-21 days

NON-CHEMICAL CONTROL

Sanitation and destruction of breeding sites.

CHEMICAL CONTROL

Residual and space sprays, bio-remedial cleaning and use of foam to deliver insecticides.



BLACK EYE FLIES & DARK-EYED FRUIT FLIES



OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)

DESCRIPTION

Eyes dark with dark bodies, adults 1/8" length.

FEEDING/BREEDING HABITS

Fermenting or rotting fruit and vegetable material, garbage cans and drains.

LIFE CYCLE

8-21 days

NON-CHEMICAL CONTROL

Sanitation and destruction of breeding sites.

CHEMICAL CONTROL

Residual and space sprays, bio-remedial cleaning and use of foam to deliver insecticides.



VINEGAR FLIES / RED EYE FRUIT FLIES



OUR RECOMMENDATION

ProFoam® Platinum • Nibor-D® • Nisus DSV™ • Bac-Azap®
(see last page for details)

DESCRIPTION

Eyes red, adults 1/8" length, tan to brown.

FEEDING/BREEDING HABITS

Fermenting or rotting fruit and vegetable material, garbage cans.

LIFE CYCLE

8-21 days

NON-CHEMICAL CONTROL

Sanitation and destruction of breeding sites.

CHEMICAL CONTROL

Residual and space sprays, bio-remedial cleaning and use of foam to deliver insecticides.

