

# Insecticide Guide

Quality Chemicals For Pest Control



- #399 - Flying Insect Killer
- #604 - Powdered Insecticide
- #680 - Malathion 57%
- #845 - Permethrin 2.5% Concentrate
- #847 - Contact Insecticide
- #848 - d'Bug
- #849 - Permethrin
- #1541 - Fly Away Wipes
- #8041 - Total Release Fogger
- #8401 - Wasp and Hornet Killer
- #8405 - FIK Flying Insect Killer
- #8407 - Surface Insecticide

## INSECT APPLICATION CHART

	#399	#604	#680	#845	#847	#848	#849	#1541	#8041	#8401	#8405	#8407		#399	#604	#680	#845	#847	#848	#849	#1541	#8041	#8401	#8405	#8407
Ants	●	●	●	●	●	●	●					●	Ground Beetles												
Aphids				●	●	●	●						Ground Pearls			●									
Armyworms				●	●	●	●						Hornets					●							
Bedbugs		●			●	●	●						Horse Flies				●	●						●	
Bees		●				●	●			●			Indian Meal Moths					●							
Beetles		●		●	●	●	●			●		●	Japanese Beetles					●							
Biting Midges			●										Leaf Hoppers			●		●		●					
Black Flies								●					Lice			●		●		●					
Box Elder Bugs		●			●								Louse Eggs												
Brown Dog Ticks		●		●		●							Meal Moths												
Caddisflies		●			●	●							Meal Moth Larvae												
Carpenter Ants		●											Mealworms					●							
Carpenter Bees		●											Mediterr. Flour Moths					●							
Carpet Beetles		●			●	●						●	Millipedes			●		●							
Centipedes		●			●	●						●	Mites												
Clothes Moths					●								Mole Crickets					●		●					
Clover Mites		●		●	●								Mosquitoes	●		●	●	●		●					
Cockroaches	●	●		●	●	●	●			●			Mosquito Larvae			●				●					
Crickets	●	●		●	●	●	●			●			Moths			●	●			●					
Deer Flies					●			●					Palmetto Bugs			●		●	●					●	
Dermeestids		●											Poultry Lice												
Drugstore Beetles		●			●								Roaches												
Dust Mites		●										●	Saw-TH. Grain Beetles	●				●							
Earwigs		●		●	●								Scorpions	●											
Fire Ants		●											Silverfish	●				●	●	●			●		
Firebrats		●											Sow Bugs (Pillbugs)	●			●	●							
Flat Grain Beetles		●				●							Spiders	●			●	●							
Fleas		●	●	●	●	●						●	Stable Flies					●		●			●		
Flies	●	●	●	●	●	●							Termites	●							●				
Flour Beetles		●										●	Thrips					●							
Fruit Flies										●			Ticks			●					●	●	●	●	●
Gnats	●		●	●	●								Wasps	●				●							
Grain Mites		●			●	●	●					●	Waterbugs	●								●			
Grain Weevils		●			●								Weevils	●											
Grass Scale			●										Yellow Jackets	●											



## THE QUALITY OF ATHEA

Insects have been around for a long time. They have a solid experience at the game of survival. That's why we realize it requires perseverance and cutting edge technology to create quality, effective insecticides. Our technical staff's unwavering diligence and time-tested research methods have allowed Athea to develop superior insecticides for use in various situations. Whether it's safely killing ants in a restaurant kitchen or quickly eliminating a nest of hornets in a warehouse, Athea provides easy-to-use solutions that produce results.

### YOUR TOTAL SOLUTIONS™ INSECTICIDES SOURCE

Athea offers many of its insecticides under a special program called, Total Solutions. All Total Solutions insecticides are already registered for you with the EPA. This allows Athea to offer you superior insecticides while eliminating the paperwork and costs associated with state and federal registration.

### CONTACT INSECTICIDES

When unwanted insects are detected, your customers want to get rid of them immediately. Contact insecticides are designed to eliminate crawling or flying insects on the spot. They rely on a variety of potent ingredients for fast knockdown such as Pyrethrin and Tetramethrin.

### ACTIVE INGREDIENTS

#399	0.50%	Synergist	0.25%	d-trans Allethrin		
#604	1.00%	Pyrethrin	10.00%	Synergist	60.00%	Silicon Dioxide
#680	57.00%	Malathion				
#845	2.5%	Permethrin				
#847	0.1%	Pyrethrin	1.0%	Synergist		
#848	5.80%	d-Limonene				
#849	.50%	Permethrin				
#1540	12.33%	DEET	5.28%	Synergist		
#8041	0.05%	Pyrethrin	0.40%	Permethrin	0.40%	Synergist
#8401	0.20%	Tetramethrin	0.125%	Phenothrin		
#8405	0.25%	Tetramethrin	0.15%	Phenothrin		
#8407	0.10%	Tetramethrin	0.25%	Phenothrin	0.50%	Synergist



### RESIDUAL INSECTICIDES

Once insects have been eliminated, it's important to prevent them from returning. Residual insecticides are designed to linger for days, weeks and even months after their initial application. They create an invisible yet powerful barrier that will deter and even kill insects that enter a treated area. Residuals can be applied to various surfaces where insects may enter or hide in a building. Effective residual insecticides include Silicon Dioxide and Permethrin.

## PRODUCTS

### POWDERS

#### #604 - POWDERED INSECTICIDE

- Ready-To-Use Formula
- Pyrethrin = 1.0%, Synergist = 10%
- Dehydrates insects on contact with silicon dioxide
- Powder clings to insects and is carried to nest
- Works up to 6 months after application
- Available in an easy-to-use puffer bottle or 8# pails
- Available as Total Solutions™ Demise Fire Ant and Insect Deyhdaytor

### WIPES

#### #1541 - FLY AWAY WIPES

- Ready-To-Use Premoistened Wipes
- DEET = 25%
- Water-based, Non-VOC insect repellent formula
- No strong offensive odor
- Leaves no sticky residue
- Available as Total Solutions™ Fly Away Wipes

### AEROSOLS

#### #8041 - TOTAL RELEASE FOGGER

- Ready-To-Use Aerosol
- Pyrethrin = .05%, Permethrin = .40%
- Eliminates insects from indoor areas
- Thick fog permeates rooms including confined areas
- Use in rooms, apartments, attics, basements, campers, boats, pet areas and more
- Available as Total Solutions™ Total Release Fogger

#### #8401 - WASP AND HORNET KILLER

- Ready-To-Use Aerosol
- Pyrethrin = .05%, Phenothrin = .40%
- Effective against wasps, yellow jackets and hornets
- Spray provides accurate shotgun-type blast
- Non-flammable and electrically non-conductive to 41,000 volts
- Available as Total Solutions™ Buzz Saw

#### #8405 - FIK (FLYING INSECT KILLER)

- Ready-To-Use Aerosol
- Tetramethrin = .20%, Phenothrin = .125%
- Effectively eliminates flying insects
- Kills flies, mosquitos, gnats and other flying insects
- Use in homes, schools, lockers, hotels, offices, rest rooms and more
- Available as Total Solutions™ FIK Flying Insect Killer

#### #8407 - SURFACE INSECTICIDE

- Ready-To-Use Aerosol
- Tetramethrin = .10%, Phenothrin = .25%
- Residual action to 3 months
- Ideal surface insecticide for cracks and crevices
- Pleasant vanilla aroma instead of chemical odor
- Available as Total Solutions™ CIK

### LIQUIDS

#### #399 - FLYING INSECT KILLER

- Ready-To-Use Knockdown Insecticide
- d-trans Allethrin = .25%
- Kills all types of flying and crawling insects
- Odorless solvent carrier
- Available as Total Solutions™ Sniper

#### #680 - MALATHION 57%

- Concentrated Contact Insecticide (water)
- Malathion = 57%
- Formula may be diluted with water or oil
- Controls turf insects, adult mosquitos and mosquito larvae in standing water

#### #845 - PERMETHRIN 2.5% CONCENTRATE

- Dilutable Concentrate (water)
- Permethrin = 2.5%
- Controls pests up to 4 weeks
- Kills bugs on lawns, flowers, shrubs and trees
- Repels crawling insects from home recreation areas such as patios, decks and picnic areas
- Available as Total Solutions™ Extinct Concentrate

#### #847 - CONTACT INSECTICIDE

- Ready-To-Use Formula (water-based)
- Pyrethrin = 0.1%
- Use in food processing plants, dairies and livestock
- May be space sprayed or fogged
- Great for outdoor plants, camping or fishing
- Available as Total Solutions™ Quick Strike Insecticide

#### #848 - D'BUG

- Ready-To-Use Formula (water-based)
- d-Limonene = 5.8%
- Safe to apply where food is processed or served
- EPA-approved, non-toxic formula is safe to use around children and pets
- Provides residual action against crawling and flying insects
- Available as Total Solutions™ d'Bug

#### #849 - PERMETHRIN

- Ready-To-Use Formula (water-based)
- Permethrin = 0.5%
- The most widely used and versatile insecticide
- Safe to apply directly onto livestock, horses and poultry
- Can be used for both contact and residual treatments
- Available as Total Solutions™ Extinct Insecticide