



# Esposito's Chemical Guide

## ACEPHATE 75:

Put 4 ½ Tablespoons of Acephate into the Gilmour 6 gallon hose attachment sprayer and add water to the top. Shake contents to ensure dilution. This will cover 1,000 sq. feet. Walk backwards while spraying to avoid contact with the spray. Very effective in controlling Ants, Chinch Bugs, Fleas, Sod Webworms, Spittlebugs, and Mole Crickets. If lawn damage is severe follow up with an application of a granular insecticide 7-10 days after initial Acephate application. Fertilize with 15-0-15 to restore turf health.

## HI-YIELD ATRAZINE PRE-EMERGENT HERBICIDE:

Water lawn 24 hours prior to application. Mix 8 oz. Atrazine with 8 oz. water. Set Gilmour sprayer dial on 3 Tbls. This will cover 5,450 square feet. Delay watering or mowing for 24 hours. Can be used on both Centipede and St. Augustine in the Fall, Winter, and Spring; can be used on Bermuda grass during the dormant season (winter) ONLY. Kills chickweed, crabgrass, dichondra, dollarweed, Florida betony, henbit, sandspur, spurweed, and many more. Also helps to prevent weed seeds from sprouting. DO NOT use in flowerbeds!

## FERTI-LOME WEED-OUT POST-EMERGENT HERBICIDE:

Water lawn 24 hours prior to application. Pour 16 oz. of Weed Out into Gilmour sprayer. Set sprayer dial on 1 Tbls. This will cover 8,000 sq. feet. Delay watering or mowing for 24 hours. Can be used on Centipede, St. Augustine or Bermuda grass in Fall, Winter and Spring. DO NOT apply to grass emerging from dormancy (mid February-late March). Do not use when air temperature exceeds 85 degrees. Kills clover, dandelion, knotweed, ragweed, poison ivy, purslane, and many more. DO NOT use in flowerbeds! If weed cover is extreme when Weed-Out is applied you may have bare spots where the weeds were killed- fertilize with 15-0-15 to restore turf.

## IMAGE POST-EMERGENT HERBICIDE:

Lawn-Water lawn 24 hours prior to application. Put teaspoon adapter into delivery tube. Pour 15oz Image concentrate into the Gilmour sprayer. Set sprayer dial on 4 teaspoons. This will cover 4,000 square feet of lawn. \* DO NOT use on dormant St. Augustine grass! Image is safe for Centipede, St. Augustine\* and Bermuda grass. Controls chickweed, bluegrass, dandelion, dollarweed, clover, wild onion, bahiagrass, purple nutsedge, and yellow nutsedge. Use April through October (needs warm conditions).

Shrubs and Groundcovers- Image may be used to control weeds in certain ornamental beds containing Asian Jasmine, Hosta, Juniper, Mondo grass, etc. Shrubs that Image may be safely used around include Indian Hawthorne, Dwarf Yaupon Holly, Burford Holly, Gardenia, Wax Myrtle and others (see label). Follow same rate as turf. DO NOT APPLY AROUND Azaleas, Abelia, Ligustrum and Viburnum!

## FRUIT TREE PEST CONTROL:

Use Ferti-lome Fruit Tree spray when leaf buds first appear and at 10-day intervals until blooms appear (see label for rates). When blooms appear, STOP fruit tree spray and switch to Hi-Yield Captan 50W or Ferti-lome Fire Blight Spray. This is to avoid killing pollinating bees. Continue with Ferti-lome Fruit Spray after petals fall at 10-day intervals until harvest. This program will control bud moths, aphids, brown rot and other damaging insects and fungi.

## HI-YIELD DACONIL-

Due to thickness of chemical, mix 8oz spray with 8oz water. Set Gilmour sprayer dial to 6TbIs per gallon. This will cover 250 square feet of lawn. Can be used year-round. Use for gray-leaf spot on St. Augustine grass. See label for special instructions for roses, vegetables and ornamentals. Rotate with Systemic Fungicide to control Daylily rust disease.

## FERTI-LOME LIQUID SYSTEMIC FUNGICIDE: (Banner)

Set Gilmour dial sprayer on 1 Tablespoon (½oz.) to 10 Tablespoon (5 oz.) per gallon of water –check label for rates. This is our best general-purpose fungicide for controlling diseases on roses, flowers, lawns, trees and shrubs. Will not be washed away by rain! Can be used year-round. Controls Black Spot, Powdery Mildew, Rust, Brown Patch, Dollar Spot, Scab, Anthracnose, leaf spots and many other diseases. Rotate with Liquid Fungicide to control Daylily rust disease. Do not apply to African Violets, Begonias, Ferns, or Geraniums.

## HI-YIELD 38 PLUS TERMITE& ORNAMENTAL INSECT CONTROL : (Permetrin)

To control borers set the Gilmour dial sprayer on 1 Tablespoon (3 tsp) and treat lower branches and trunk- repeat in 3 weeks.