

Survey of Herbicides Available for Homeowners in Lee County, Florida: October, 2010

Herbicides are listed by their active ingredient. This avoids the confusion that results from multiple brands that use the same active ingredient. The active ingredient is the compound that kills the weed. Be sure to carefully read labels to ensure that the product you wish to use is labeled for the target plant. Read and follow label directions. "The label is the law."

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
2, 4-D Dicamba Mecoprop-p	Sta-green, Ultra, Phosphorus-free Weed & Feed	Weed and Feed Lawn Fertilizer Weeds Controlled: Broadleaf weeds and annual grasses
2, 4-D Micoprop-p Dicamba	Vigoro, Ultra Turf, Weed and Feed for Bahiagrass	Weed and Feed Fertilizer for Bahiagrass, Bermudagrass, Centipedegrass, St. Augustinegrass, Zoysiagrass. Do not use on Floratam variety of St. Augustine grass Weeds Controlled: 200 weeds
2,4-D, dimethylamine salt; Mecoprop-p, dimethylamine salt, Dicamba, dimethylamine salt	Bayer, Southern Weed Killer for Lawns	Broadleaf Weeds in Lawns: Do not use on Floratam variety of St. Augustinegrass Weeds controlled: Kills over 200 broadleaf weeds including dollarweed, spurge, oxalis, clover and chickweed
2,4-D, dimethylamine salt; Esoxaben: Mecoprop-p, potassium salt; Dicamba, potassium salt	Bayer, Southern Season Long Weed Control for Lawns	Broadleaf Weeds in Lawns: Do not use on Floratam variety of St. Augustinegrass Weeds Controlled: Kills over 200 broadleaf weeds and clover and dandelion
2,4-D; MCP-p: Dicamba; Carfentrazone	Ortho, Weed-B-Gon Max for Southern Lawns	Broadleaf Weed Killer for use only on Home Lawns Weeds Controlled: Common Bermudagrass; hybrid Bermudagrass; Bahiagrass; zoysiagrass; St. Augustinegrass (except Floratam).
2,4-D; MCP-p: Dicamba; Carfentrazone	Total Kill, Lawn Weed Killer	Broadleaf Weed Control in Lawns
2-Phenethyl Propionate, Eugenol, Sodium Lauryl Sulfate	Ecosmart, Organic Weed and Grass Killer	Kills all Types of Weeds and Grasses

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
Ammoniated soap of fatty acids	Garden Safe, Grass and Weed Killer	<p>Non-Selective Herbicide that Controls many Common Annual Weeds</p> <p>Weeds Controlled: Kills weeds & grasses including dandelion, chickweed and other listed weeds</p>
Ammoniated soap of fatty acids	Bayer, Natria, Grass and Weed Killer	<p>Non-Selective Herbicide that Controls many Common Annual Weeds</p> <p>Weeds Controlled: Kills weeds & grasses including dandelion, chickweed and other listed weeds</p>
Ammonium salt of imazaquin	Image, Kills Nutsedge	<p>Nutsedge</p> <p>Weeds Controlled Include: Nutsedge; dollarweed; sandbur; annual bluegrass</p>
Atrazine	Hi Yield, Atrazine Lawn Weed Killer	<p>Selective broadleaf weed killer in Lawns</p> <p>Weeds Controlled Include: Thistle; pigweed; purslane; ragweed; cudweed; morningglory; dichondra; yellow nutsedge; spurge; sandspur; crabgrass; smutgrass; henbit; nightshade; clover</p>
Atrazine	Image, For St. Augustinegrass and Centipedegrass	<p>Selective Weed Killer in St. Augustinegrass and Centipedegrass Turfs</p> <p>Weeds Controlled Include: Annual bluegrass; dollarweed; Florida betony; sandspur; spurge; spurweed; woodsorrel; various annual clovers</p>
Atrazine	Pennington, Signature for Centipede and St. Augustine grass	<p>Weed and Feed Lawn Fertilizer</p> <p>Weeds Controlled Include: Dollarweed, broadleaf & grassy weeds</p>
Atrazine	Scotts, Bonus S Max, Southern Weed and Feed and Fire Ant Killer	<p>Weed and Feed Lawn Fertilizer</p> <p>Weeds Controlled: Dollarweed and 24 other common lawn weeds</p>
Atrazine	Scotts, Bonus S, Southern Weed and Feed	<p>Weed and Feed Lawn Fertilizer</p> <p>Weeds Controlled: Dollarweed and 24 other common lawn weeds</p>
Atrazine	Southern AG, Atrazine	<p>Control of Both Emerged Weeds and Weeds from Seeds in St. Augustinegrass and Centipede grass</p> <p>Weeds Controlled Include: Crabgrass (suppression only); cudweed; dichondra; Florida betony; henbit; moneywort; mustards; narrowleaf vetch; sandspur; smutgrass; spurge; woodsorrel and various annual clovers</p>

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
Atrazine	Total Kill, Southern Lawn Weed Killer	Broadleaf Weed Control in Lawns Weeds Controlled Include: Preemergence control of cudweed, dichondra, mustard, spurge, crabgrass, smutgrass, Florida betony, narrowleaf vetch, dollarweed, pennywort, annual clover
Atrazine	Vigoro, Super Green, Southern Weed and Feed	Weed and Feed Lawn Fertilizer Weeds Controlled: Broadleaf & grassy weeds
Atrazine	Vigoro, Ultra Turf, Southern Weed and Feed	Weed and Feed Fertilizer for St. Augustine, Centipede, Zoysia & Carpetgrass Weeds Controlled: 50 weeds
Atrazine	Spectracide, Weed Stop for Lawns – St. Augustinegrass and Centipedegrass	Selective Weed Control in St. Augustine Grass and Centipedegrass Weeds Controlled Include: Crabgrass (partial control); cudweed; dichondra; dollarweed; Florida betony; henbit; espedeza; mustards; narrowleaf vetch; sandspur; smutgrass; spurge; woodsorrel and various annual clovers
Benefin Trifluralin	Hi Yield, Crabgrass Control	Pre Emergence Herbicide to control Crabgrass and other Annual Weeds in Lawns Weeds Controlled Include: Crabgrasses; goose grass; barnyard grasses; foxtails; partial control of prostrate spurge; spotted spurge; wood sorrels
Benefin Oryzalin	Setre Chemical, XL26, Specialty Herbicide	A Selective Pre-Emergence Surface-Applied Herbicide for control of Annual Grasses and many Broadleaf Weeds. Grass Weeds Controlled Include: Watergrass; crabgrass, large; crabgrass, smooth; crowfootgrass; goosegrass (silver crabgrass); panicum; sandbur, field; signalgrass Broadleaf Weeds Controlled Include: Carpetweed; chickweed; henbit; knotweed; prostrate lambsquarters; pigweed; redroot pigweed; spring pigweed; purslane; common pusley; Florida purslane; pusley; rocket; rockpurslane; spurge; prostrate woodsorrel
Bentazon	Southern AG, Basagran, Sedge Control	Controls Nutsedge & Certain Broadleaf Weeds in Established Lawns Weeds Controlled Include: Annual sedges; yellow nutsedge; spur-weed; lambsquarters; chickweed; common groundsel; jimsonweed; common purslane; cocklebur; beggarticks; wild mustard; wild poinsettia; wild buckwheat; velvetleaf; Canada thistle; musk thistle

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Chelated Iron - Iron HEDTA (FeHEDTA)	Ortho, Ecosense, Lawn Weed Killer	<p>Broadleaf Weed Control in Lawns</p> <p>Weeds Controlled or Suppressed Include: Dandelion; false dandelion; white clover; back medic; bull thistle; Canada thistle; common chickweed; slender speedwell; broadleaf plantain; narrow-leaved plantain; moss; algae</p>
Cinnamon Bark	Garden Weasel AG, Crabgrass Killer	<p>All-natural ingredient spot weed killer will not harm warm turf grasses like St. Augustine, Bermuda, Bahia, or Centipede grass</p> <p>Weeds Controlled: Crabgrass; basketgrass; chickweed; clover</p>
Dicamba 2,4-D	Ortho Max, Weed-B-Gon	<p>Control Weeds in Lawns Including Bahiagrass, Bermudagrass, St. Augustine (except Floratam), and Zoysiagrass</p> <p>Weeds Controlled Include: Kills over 200 weeds. Clovers; creeping Charlie; cudweed; curly dock; dandelion; false dandelion; Florida pusley; henbit; oxalis; pennywort; plantains; purslane; red sorrel; sheep sorrel; spurge; spurweed; thistles; wild carrot; wild geranium; wild onion</p>
Dimethylamine Salt of propionic acid Dimethylamine Salt of 2,4-D Dimethylamine Salt of Dicamba	Fertilome, Weed out plus Lawn Fertilizer	<p>Weed and Feed Lawn Fertilizer</p> <p>Post-Emergent Broadleaf Weed Control on Cool and Warm Season Grasses</p>
Dimethylamine Salt of propionic acid Dimethylamine Salt of 2,4-D Dimethylamine Salt of Dicamba	Ferti-lome, Weed Out, Lawn Weed Killer	<p>Kills Weeds in Lawns</p> <p>Weeds Controlled: Many broadleaf weeds including poison ivy</p>
Dimethylamine Salt of 2- propionic acid Dimethylamine Salt of 2,4-D Dimethylamine Salt of Dicamba	Southern AG, Lawn Weed Killer with Trimec	<p>Kills Weeds in Lawns</p> <p>Weeds Controlled Include: Chicory; chickweed; clover; dandelion; ground ivy; henbit; knotweed; lambsquarter; lespedeza; mallow; morningglory; mustard; oxalis; peppergrass; pigweed; plantain; poison Ivy; poison oak; purslane; ragweed; sheep sorrel; shepherdspurse; wild carrot; wild garlic; wild lettuce; wild onion; yarrow</p>
Diquat dibromide	Syngenta, Reward, Land- scape and aquatic Herbicide	<p>Non-selective, highly active contact material in water</p> <p>Weeds Controlled Include: Water lettuce; water hyacinth; duckweed; <i>Salvinia</i> spp.; pennywort; frog's bit1; cattails</p> <p>Submersed Weeds Include: Bladderwort; hydrilla; watermilfoils; pondweeds; coontail; <i>Elodea</i> spp.; Brazilian elodea, naiad, algae</p>
Diquat dibromide; Fluazifop-p-butyl; Dicamba, dimethylamine	Spectracide, Weed and Grass Killer	<p>Vegetation Killer</p> <p>Weeds Controlled: Kills weeds & grasses</p>

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
Diquat; Glyphosate	Roundup, Weed and Grass Concentrate Plus	Non-selective vegetation killer Weeds Controlled: kills existing vegetation
Dithiopyr	Hi Yield, Turf and Ornamental Weed and Grass Stopper	Crabgrass Weeds Controlled: Crabgrass and many other weeds in lawns
Dithiopyr	Turf Pride, Accublend Fertilizer with Herbicide	Weed and Feed Fertilizer for Bahiagrass, Centipede grass but not for St. Augustinegrass Weeds Controlled: 42 different annual grasses and broadleaf weeds.
Dithiopyr	Turfpro Weed and Feed Lawn Fertilizer	A Pre-Emergence Herbicide for Crabgrass
Fluazifop-P-Butyl	Ortho, Grass-B-Gon, Garden Grass Killer	Controls Grassy Weeds Weeds Controlled Include: Bermudagrass, annual bluegrass, quackgrass, and other annual and perennial grasses
Glyphosate	Prokoz, Glyphosate Pro 4	A Broad Spectrum, Systemic, Non-Selective, Post-Emergence Herbicide for Turf, Ornamental, and Industrial Weed Control
Glyphosate	Ranger Pro	A Broad Spectrum, Systemic, Non-Selective, Post-Emergence Herbicide for Turf, Ornamental, and Industrial Weed Control
Glyphosate	Roundup, Weed and Grass Super Concentrate	Non-Selective Vegetation Killer Weeds Controlled: Kills existing vegetation
Glyphosate	Roundup Pro Max	A Broad-Spectrum, Post-Emergence, Professional Herbicide for Non-Crop, Industrial, Turf and Ornamental Weed Control
Glyphosate Diquat	Quik Pro, Roundup	A Post Emergent, Non-Selective, Broad Spectrum, Systemic Herbicide Weeds Controlled: Many annual weeds, perennial weeds, woody brush and trees. It is formulated as a water-soluble granule.
Glyphosate N-(Phosphonomethyl) Glycine	Roundup Pro, Weed and Grass Killer	Vegetation Killer Weeds Controlled: Kills existing weeds and prevents new
Glyphosate Isopropylamine salt Imazapic, ammonium Diquat dibromide	Roundup, Extended Control, Weed and Grass Killer, Plus Weed Preventer	Vegetation Killer Weeds Controlled: Kills and prevents weeds & grasses for up to four months

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
Glyphosate Isopropylamine salt	Total Kill, Weed and Grass Killer	Vegetation Killer Weeds Controlled: Kills existing vegetation
Glyphosate Isopropylamine Salt	Ultra Kill, Weed and Grass Killer	Kills all Weeds and Gasses Weeds Controlled: Weeds; grasses and annual bluegrass
Glyphosate Isopropylamine Salt	Total Kill Pro, Weed and Grass Killer	Vegetation Killer Weeds Controlled: Kills and prevents weeds & grasses
Glyphosate Pelargonic	Roundup, Weed and Grass Ready to Use Plus	Ready to use Non-Selective Vegetation Killer Weeds Controlled: Kills existing vegetation
Glyphosate, Isopropylamine Salt	Hi Yield, Kill-Zall II	Kills all types of Grasses and Weeds Weeds Controlled Include: Barnyard grass; Bermu- dagrass; thistle; chickweed; common ragweed; dandelion; fescues; Johnsongrass; clover; yellow nutgrass and other grasses, weeds, sedges and brush
Glyphosate, Isopropylamine Salt; Pelargonic Acid; Imazapic, Ammonium Salt	Roundup, Extended Control	Vegetation Killer Weeds Controlled: Kills and prevents weeds & grasses for up to four months
Halosulfuron	Cowan, Sedge Hammer	Post Emergent Herbicide in Established Lawns Weeds controlled: Nutsedges and Kyllinga
Imazapyr and Glyphosate	Ortho, Ground Clear – Vegetation Killer	Vegetation Killer Weeds controlled: Kills existing weeds and prevents new growth for up to one year
Oxadiazon	Bayer, Ronstar G, Herbicide	Pre-emergence Herbicide, not for Lawns. Weeds Controlled: 50 different annual grasses and broad leaf weeds
Oxyfluorfen Glyphosate	Ortho, Max, Weed and Grass Killer Plus Preventer	Vegetation Killer Weeds controlled: Kills and prevents weeds & grasses for up to four months.

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
Oxyzin	Southern AG, Surflan A.S. Specialty Herbicide	<p>A Selective Pre-Emergence Surface-Applied Herbicide for control of Annual Grasses and many Broadleaf Weeds</p> <p>Weeds Controlled Include: Crabgrass, large; crabgrass, smooth; crowfootgrass; goosegrass; Johnsongrass; lovegrass, Mexican; lovegrass, wild; panicum, browntop; panicum, fall (spreading panicgrass); panicum; ryegrass, Italian; sandbur, field</p> <p>Broad leaf Weeds Controlled Include: Carpetweed; chickweed; henbit; knotweed; prostrate lambquarters; pigweed; redroot pigweed; spring pigweed; tumble puncturevine; purslane; common pusley; Florida purslane; rocket; spurge; prostrate woodsorrel</p>
Pelagonic Acid	Dow AgroScience, Scythe	<p>Contact Non-Selective, Broad Spectrum, Foliar-Applied Herbicide</p> <p>This product will only control actively growing emerged green vegetation</p> <p>Weeds Controlled: Algae; annual grasses; moss; perennial weeds and a plant regulator</p>
Penoxsalum	Green Light, Wipe out, Tough Weed Killer for Lawns	<p>Kills Tough Weeds in Lawns</p> <p>Weeds Controlled Include: Chickweeds; clovers; dandelion; dollarweed; English lawn daisy; Florida betomy; ground Ivy; lespedza; Kylinga; nutsedge; plantains; Virginia buttonweed; medic; parsley</p>
Penoxsalum	Lesco, St. Augustine grass Weed and Feed	<p>Weed and Feed Fertilizer for St. Augustinegrass</p> <p>Weeds controlled: Broadleaf weeds</p>
Potassium nitrate	Southern AG, Stump Remover	<p>Speeds the Natural Decomposition of the Stump</p>
Potassium nitrate	Spectracide, Stump Remover	<p>Accelerate the Decomposition of Tree Stump</p>
Prometon; 2,4-bis (isopropylamino)-6-Methoxy-s-Triazine	Pramitol, 25E Herbicide	<p>Bare Ground, Non-selective Vegetation Killer</p> <p>Avoid 2X drip line under trees</p>
Sethoxydim	Southern AG, Grass Killer with Vantage	<p>Grass Killer is a Selective, Broad Spectrum, Post-Emergence Herbicide</p> <p>Weeds Controlled Include: Bahiagrass; watergrass; bentgrass; Bermudagrass; broadleaf signalgrass; brome (Downy); centipedegrass; crabgrass (large, smooth); fescue (fine, chewings, creeping red, hard, rattail, sheep, tall); goosegrass; Johnsongrass; lovegrass; orchardgrass; panicum (browntop, fall, Texas); quackgrass; red sprangletop; ryegrass (annual); sandbur (field); torpedograss; velvetgrass; wirestem muhly; witchgrass.</p>

Active Ingredient (Common name)	Brand/Trade Name	Weeds Controlled
Sodium Pryosulfite	Bonide, Stump out	Help Accelerate Decomposition of Tree Stump
Tifluralin + Isoxaben	Dow AgroScience, Snapshot 2.5 TG	Specialty Herbicide Weeds Controlled: Provides up to eight months of control for 115 broadleaf and grassy weeds in 413 field-grown and 235 container-grown ornamentals without harming them
Triclopyr	Dow AgroScience, Garlon 4 Ultra	Control of Undesirable Woody Plants and Annual and Perennial Broadleaved Weeds on Pastures and Rangelands, and in Non-Crop Areas Weeds Controlled: Annual, biennial, and perennial broadleaf weeds, and woody plant species
Triclopyr	Dow AgroScience, Remedy Ultra	Rangeland and Pasture Brush Control Weeds Controlled: Annual, biennial, and perennial broadleaf weeds, and woody plant species
Triclopyr	Ortho Max, Poison Ivy and Tough Brush Killer	Kills Woody Plants and Wines Weeds Controlled: Poison oak; poison ivy; blackberries; kudzu, and many other unwanted brushy weeds. Kills stumps of alder, maple, willow, and other trees and vines listed on the label
Triclopyr	Southern AG, Brush Killer	Controls Woody Plants and Broadleaf Weeds Perennial Broadleaf weeds Controlled Include: Canada thistle; chickory; clover; curly dock; Dandelion; field bindweed; field horsetail Rush; henbit; lambsquarter; oxalis; plantain; ragweed; smartweed; spurge; tansy ragwort; vetch; wild lettuce Woody Plants and Vines Controlled Include: Alder; arrowwood; Cascara; Ceanothus; Crataegus (Hawthorn); elderberry; honeysuckle; mimosa; mulberry; oaks; pine; poison Ivy; poison Oak; scotch broom; sumac; sweetbay magnolia; sweetgum; sycamore; Virginia creeper; willow; winged elm; wild grape
Triclopyr Glyphosate	Roundup, Poison Ivy Plus Tough Brush Killer	Kills Woody Plants and Wines Weeds Controlled Include: Poison ivy; poison oak; poison sumac; blackberries; kudzu
Triclopyr; Glyphosate	Roundup Poison Ivy Plus and Tough Brush	Tough Weeds Weeds Controlled: Kills all types of tough weeds: poison ivy; poison oak; poison sumac; blackberries; kudzu and other tough-to-control brush
Triethylamine Triclopyr	Ferti-Lome, Brush Killer Stump Killer	Foliar and Stumps in Non-Crop Areas Weeds Controlled: 79 varieties of brush, vines and trees

This survey was conducted at several garden centers in Lee County by Master Gardener Dick Dutton. Products were available as of October, 2010. Not all products are available at all garden centers in Lee County. Some of the products can be purchased on line.

The University of Florida Extension Service does not endorse any of the brand/trade names listed nor is there any intention of discriminating against any products not mentioned.

Other Publication of Interest:

[Survey of Fungicides Available for Homeowners in Lee County: May, 2010](#)

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