

Turfgrass Herbicides for Homeowners

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Homeowner Weed Control

- Fair range of products
- Chemical company mergers
- Product lines may vary year to year
- Most basics market through formulators (StaGreen, Greenlight, Ortho, etc)
- Ortho to Monsanto to Scotts
- Bayer is entering homeowner markets

Dinitroanilines

- Turfgrasses and ornamentals
- Control annual grasses and a few annual broadleaf weeds
- Do not leach
- Use on established turfgrasses and ornamentals

Dinitroanilines - Professional

- Benefin (Balan)
- Benefin + trifluralin (Team, Team Pro)
- Benefin + oryzalin (XL)
- prodiamine (Barricade)
- oryzalin (Surflan)
- pendimethalin (Pendulum, Pre-M)
- trifluralin (Treflan)

Benefin Products - Homeowners

- Balan
- Pennington Crabgrass Preventer
- Reseeding restrictions
 - ➔ 2.0 lbs. ai/acre - 6 weeks
 - ➔ 3.0 lbs. ai/acre - 12 to 16 weeks

Benefin + Trifluralin Products - Homeowners

- Team
- Team Pro
- StaGreen Crabgrass Preventer & Fertilizer
- GreenLight First Down Crabgrass Control
- Hi-Yield Crabgrass Preventer
- Reseeding restrictions
 - ➔ low rate 8 weeks; high rate 12 to 16 weeks

Benefin + Oryzalin Products - Homeowners

- Setre XL 2G
- XL
- Greenlight Amaze Grass and Weed Preventer

- Reseeding restrictions
 - ➔ low rate 6 weeks; high rate 12 to 16 weeks

Pendimethalin Products - Homeowners

- Scotts Turf Builder with Halts Crabgrass Preventer (contains fertilizer)
- Scotts Halts Crabgrass Preventer (no fertilizer)
- Lesco Pre-M
- Reseeding restrictions
 - ➔ 3 months

Pre Herbicides - Homeowners

- Oryzalin - Surflan

 - ➔ reseeding: 3 to 4 months

- Bensulide - GreenLight Betasan

 - ➔ reseeding: 4 months

- Prodiamine - StaGreen Crabgrass Preventer

 - ➔ reseeding: 4 to 5 months

Dithiopyr Products - Homeowners

- Professional : Dimension

- Homeowner:

 - ➔ StaGreen CrabEx

- Reseeding restrictions

 - ➔ 3 to 4 months

Trifluralin Products - Homeowners

- Preen
- Preen-N-Green

- Snapshot - trifluralin + isoxaben

Isoxaben Products - Homeowners

- PRE herbicide for control of annual broadleaf weeds
- Primarily used in woody ornamentals
- Gallery
- Greenlight Portrait
- Reseeding restrictions - 2 months

EPTC Products - Homeowners

- PRE control of annual grass and broadleaf weeds
- Woody Ornamentals, some flowers, groundcovers
- Preen for Groundcovers

2,4-D + MCPP

- Ortho Weed-B-Gon Weed Killer
 - ➔ Ready-to-use
 - ➔ Spot spray product
 - ➔ May discolor St. Augustine and centipede

2,4-D + MCPP + Dicamba

- Acme Super Chickweed Killer
- Dragon Lawn Weed Killer
- GreenLight Wipeout
- Rigo Super Lawn Weed Killer
- Spectrum Lawn Weed Killer 33 Plus
- Fertilome Weed Out Lawn Weed Killer
- Trimec Classic

2,4-D + MCPP + Dicamba

- Spectracide Brush Killer
- Spectracide Weed Stop
- Ace Lawn Weed Killer
- Enforcer Weed Stop
- Vigoro Lawn Weed Control
- Safer Weed Away
- Reseeding - 3 to 4 weeks

2,4-D + MCPP + Dicamba

➤ Bayer products

➔ Southern Weed Killer Concentrate

➔ Southern Weed Killer Ready-to-Spray

➤ Hose-end product, 32 fl. oz.

➔ Southern Weed Killer Ready-to-Spray

➤ Has spray dye indicator, squirt-mist bottle

➤ 24 fl. oz.

➔ Southern Weed Killer Ready-to-Spray

➤ Has spray dye indicator, squirt-mist product

➤ 1.0 gallon

2,4-D + MCPP + Dicamba

➤ Bayer products

- ➔ Do not use on carpetgrass, 'Floritam' St. Augustinegrass
- ➔ Use ½ rates on centipede and St. Augustine of concentrate product
- ➔ Do not reseed for 3 to 4 weeks after application

MCPP + 2,4-D + Dicamba

- Weed-B-Gon Lock' N Spray Lawn Weed Killer
 - ➔ Hose-end product
- Ortho Weed-B-Gon Lawn Weed Killer₂
 - ➔ Concentrate
 - ➔ Low rate on centipede, St. Augustine
 - ➔ High rate on other turfgrasses
 - ➔ Do not use on carpetgrass
 - ➔ Less injurious on St. Augustine and centipede than 2,4-D+MCPP+dicamba

Homeowner - Triclopyr

- Ortho Brush-B-Gon - brush control
- Enforcer Brush Killer - brush control
- Ortho Weed-B-Gon Chickweed, Clover & Oxalis Killer
 - ➔ tall fescue, bluegrass, zoysia. Triclopyr effective for violets, poison ivy, blackberry, cut stumps, most brush species.
- Reseeding restrictions - 3 weeks

Homeowner - Nutsedge Herbicides

- Image - imazaquin

- ➔ reseeding restriction: 6 weeks

- Manage - halosulfuron

- ➔ reseeding restriction: 4 weeks

- Bentazon

- ➔ Basagran T/O, Hi-Yield Basagran

- ➔ reseeding restriction: 0 week

Homeowner - Selective POST Grass Control Herbicides

- Sethoxydim - Vantage, Hi-Yield Poast
 - ➔ reseeding restriction: not listed
- Fluazifop - Dexol Grassout
Greenlight Bermudagrass
Killer
Ortho Grass-B-Gon
 - reseeding restriction: 2 months

Homeowner - Selective POST Grass Control Herbicides

- MSMA - Bermudagrass Weeder, Greenlight MSMA Crabgrass Killer, Hi-Yield 529 Crabgrass Killer, Rigos Best Crabgrass Killer
- DSMA - Greenlight DSMA Crabgrass Killer
- CAMA – Weed-B-Gon Crabgrass Killer

Homeowner - Selective POST Grass Control Herbicides

➤ MSMA

➤ DSMA

➤ CAMA

➤ Reseeding restriction: none

➤ Do not use on St. Augustine, centipede, carpetgrass

MSMA+ 2,4-D + MCPP + Dicamba

➤ Bayer products

- ➔ All-in-One Weed Killer for Lawns
- ➔ Concentrate, 32 fl. oz.
- ➔ Ky. Bluegrass - 5.0 fl. oz./1,000 sq. ft., \leq 80 F.
- ➔ Bermuda, zoysia – 7.0 fl. oz./1,000 sq. ft., \leq 90 F.
- ➔ Tall fescue – 3.0 fl. oz./1,000 sq. ft., \leq 80 F.
- ➔ Do not use on St, Augustine, centipede, carpetgrass
- ➔ Do not reseed for 3 to 4 weeks

MSMA+ 2,4-D + MCPP + Dicamba

➤ Bayer products

➔ All-in-One Weed Killer for Lawns

➤ Ready-to-Use, 24 fl. oz., spray dye indicator

➤ Ready –to-Use, 1.0 gal., spray dye indicator

➔ Do not reseed for 3 to 4 weeks

➔ Do not use on St, Augustine, centipede,
carpetgrass

MSMA+ 2,4-D + MCPP + Dicamba

➤ Bayer products

- ➔ Tough Weed Killer for Lawns (concentrate)
- ➔ Contains more MSMA, 2,4-D, MCPP, dicamba than Bayer All-in-One products
- ➔ Ky. Bluegrass - 3.0 fl. oz./1,000 sq. ft., ≤ 80 F.
- ➔ Bermuda, zoysia – 4.0 fl. oz./1,000 sq. ft., ≤ 90 F.
- ➔ Tall fescue – 3.0 fl. oz./1,000 sq. ft., ≤ 80 F.
- ➔ Do not reseed for 3 to 4 weeks
- ➔ Do not use on St, Augustine, centipede, carpetgrass

MSMA+ 2,4-D + MCP + Dicamba

➤ Bayer products

- ➔ Tough Weed Killer for Lawns (Ready-to-Use)
- ➔ Contains more MSMA, 2,4-D, MCP, dicamba than Bayer All-in-One products
- ➔ Ky. bluegrass, bermuda, zoysia, tall fescue Do not reseed for 3 to 4 weeks
- ➔ Do not use on St. Augustine, centipede, carpetgrass

Homeowner - Atrazine

- Purge
- Hi-Yield Atrazine
- Scotts Super Bonus S:
21-3-3, 0.6% atrazine
- Scotts St. Augustine Weed Control + Fertilizer
26-3-3, 1.0% atrazine
- reseeding restriction: 4 months
- Excellent choice for St. Augustine, centipede, carpetgrass

Homeowner - Non-Residual, Nonselective Herbicides

➤ Diquat

➔ Next Day

➔ Ace Grass and Weed Killer

➤ Enforcer Roots & All –

➔ pelargonic acid + fluazifop + MCPP + 2,4-D

➔ reseeding restriction - 3 to 4 weeks

Homeowner - Non-Residual, Nonselective Herbicides

- Glyphosate

 - ➔ Roundup, Kleeraway, SureShot Foam

- Glufosinate - Finale

 - ➔ reseeding restriction: none

- Nature's Glory Weed & Grass Killer

 - ➔ Acetic acid

Homeowner - Non-Residual, Nonselective Herbicides

- Scythe, Sharpshooter - pelargonic acid
 - ➔ reseeding restriction: none
- Greenlight Grass & Weed Killer -
 - sodium cacodylate + dimethylarsinic acid
 - reseeding restriction: none

Homeowner

Residual, Nonselective Herbicides

- Ortho GroundClear Triox Total Vegetation Killer₁ - 0.5% glyphosate + 0.08% imazapyr
- Ortho GroundClear Triox Total Vegetation Killer - 1.86% prometon
→ (also sold as Com-Pleet)
- Prometon = Pramitol: Imazapyr = Arsenal

UGA Turf Weed Science WebSite

- www.georgiaturf.com
- Currently designed for professionals
- 437 color photos of 193 turf weeds
- Current UGA professional recommendations
- 35+ popular articles - more on the way
- Links to turf herbicide companies labels and MSDS, weather, and other turfgrass sites

UGA Weed Science Web Site

- Gaweed.com
- Covers all crops including turf and ornamentals
- Weed Identification
- Currently has over 25 Powerpoint slide sets that can be downloaded
- **USE IT!!!!!!!!!!!!!!!!!!!!!!**