BIOADVANCED
SCIENCE-BASED SOLUTIONS

3 IN 1
WEED & FEED FOR SOUTHERN LAWNS
PLUS
INSECT KILLER

USE ON
BERMUDA
ZOYSIA
CENTIPEDE
ST. AUGUSTINE
INCLUDING FLORATAM
PLUS OTHER
LISTED LAWNS

1 KILLS WEEDS, INCLUDING DOLLARWEED, DANDELION & CLOVER

2 PREVENTS WEEDS, SUCH AS CRABGRASS AND POA ANNUA FOR UP TO 6 MONTHS

3 FEEDS & STRENGTHENS LAWN & GUARDS AGAINST HEAT AND DROUGHT

+ KILLS INSECTS, INCLUDING FIRE ANTS

KILLS & PREVENTS WEEDS UP TO 6 MONTHS

TREATS UP TO
4,000 SQ. FT.
35-0-3
NET WEIGHT 10 lb. (4.5 kg.)

*Note fire ants upon initial application, only.

ACTIVE INGREDIENTS	
Dicamba	0.088%
Pendimethalin	0.275%
Quinclorac	0.127%
Sulfentrazone	0.14%
OTHER INGREDIENTS	99.855%
	0.185%
TOTAL	100.000%

THIS PRODUCT CONTAINS:
0.00088 lb. Dicamba per pound of product
0.00041 lb. Pendimethalin per pound of product
0.00127 lb. Quinclorac per pound of product
0.00185 lb. Sulfentrazone per pound of product

Tested

KEEP OUT OF REACH OF CHILDREN
CAUTION See back panel for additional precautionary statements
FOR OUTDOOR RESIDENTIAL USE ONLY

BIOADVANCED
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QUICK FACTS:
Kills broadleaf weeds* including Dollarweed, Dandelion, Clover, Chickweed & Henbit.
Feeds & strengthens the lawn. Contains slow release fertilizer for long lasting feeding.
Prevents grassy and broadleaf weeds* such as Crabgrass, Annual Bluegrass, Common Dandelion, Goosegrass & Spurge up to 6 months.
Kills Fire Ants* . . . . . *Kills fire ants upon initial application, only.

WHEN TO APPLY: Apply anytime in early spring or fall. Do not apply more than twice per 12 months.
WHERE TO USE: For Outdoor residential use only.
Use only on established lawns of the following turf types:
Bermudagrass, Centipedegrass, all varieties of St. Augustinegrass including Floratam, Zoysia and Kentucky Bluegrass.
DO NOT USE ON ANY OTHER TURF TYPES including: Bahiagrass, Bentgrass, Ormond variety of Bermudagrass, Buffalograss, Carpetgrass, Dichondra, Fescue, Kikuyugrass, Ryegrass, or Seashore Paspalum lawns.
COVERAGE: This bag treats 4,000 sq. ft. *Tested

READ THE LABEL FIRST!

DIRECTIONS FOR USE It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

BEFORE YOU APPLY

- Use this product only on established Southern lawns listed on this label – new lawns must be at least 2 months old if sodded, 18 months old if sprigged & 18 months old if seeded.

DO NOT:
- Apply this product in a way that will contact any person or pet, either directly or through drift.
- Allow people and pets to enter the area during application. People and pets may re-enter after application is complete.
- Do not apply this product to water-saturated soils.
- Apply only to actively growing turf.
- Apply in spring after the lawn is actively growing and has been mowed 2 times.
- Do not apply while turfgrass is just turning green in early spring.
- Apply in fall no closer than 6 weeks before the first historical frost date for your area.
- Do not apply to Centipedegrass after October 1.
- Do not apply this product if the lawn appears unhealthy e.g., due to lack of water (drought, watering restrictions), turf disease (dollarspot, large patch, grey leaf spot, take-all root rot, etc.), parasitic microscopic worms (nematodes), heavy shade, recent aeration or verticutting, or if the lawn is prone to winter injury.
- Do not apply this product more than twice per 12 months.
- Do not allow granules to come into contact with flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious plant injury may occur.
- For soil applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not spray the product into fish ponds, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 48 hours).
- Rainfall within 48 hours after application may cause unintended runoff of pesticide application.
- Do not apply when the wind speed is greater than 15 mph.
- Apply when the air is calm to avoid drift onto desirable plants.
- For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds.
- Not for use on plants being grown for sale of other commercial use, or for commercial seed production, or for research purposes.
- Not for use on golf courses, sod farms, nurseries, in commercial greenhouses or on grass grown for seed.
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- Do not apply more than 0.4 lb bifenthrin per acre per year. Do not apply more than 0.089 lb pennoxsulam per acre per year. Do not apply more than 0.059 lb indaziflam per acre per year. Do not apply more than 0.16 lb dicamba per acre per year. The single application rate of bifenthrin is 0.2 lb/acre.

HOW TO USE

- Use rotary or drop type spreader to apply granules evenly over the lawn. To be sure you cover lawn areas uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.
- Sweep, brush, or blow any accidentally applied material off driveways, sidewalks, or other impervious and non-turf locations back on to the lawn.
- **Wait 48 hours after applying then activate residual barrier by lightly watering in with 1/10 – ¼ inch of irrigation.**
- **Do not overlap treated areas or make repeat applications within 90 days as over application could damage the turf.**
- **Do not make more than two applications per site in any 12 month period.**
- Heavy raking will disturb the weed preventative barrier and reduce the effectiveness of this product.

FOR BEST RESULTS

WHEN TO APPLY:
- Apply when weeds are small and actively growing - temperatures are between 50–80° F. – (and not above 85°F on Bermudagrass)
- Apply to dew-wetted lawn.
- To prevent Crabgrass and Goosegrass apply early spring before the temperatures are regularly in the lower 80° F range.
- To prevent Annual Bluegrass (Poa annua) apply August - December.
- Lawns may be seeded 12 months, sodded 6 months, and sprigged 12 months after applying this product.

MOWING:
- If the lawn needs mowing, mow right before application.
- Clippings from the first three mowings should be left on the treated area. Do not use the clippings from the treated areas as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.

WATERING:
- If lawn is dry, wet the lawn prior to application.
- Do not water for at least 48 hours after application or apply if rain is expected within 48 hours.

HOW IT WORKS

This product contains a proven blend of weed killers to kill existing weeds* plus a residual herbicide to keep them from coming back for up to 6 months. This product starts working immediately to stop weed growth until weeds* are dead within weeks. Plus, it feeds your lawn for lush growing and long lasting feeding.

Bifenthrin – Bifenthrin is a broad-spectrum insecticide that interferes with the nervous system of insects when they eat or touch it. *Tested

HOW TO APPLY

BROADCAST SPREADER

DROP SPREADER

1. SET YOUR SPREADER
Use a broadcast or drop-type spreader calibrated according to manufacturer's directions.
Spreader settings are approximate and are designated so that the application rate of the product is 2.5 lbs. per 1,000 sq. ft. The condition of your spreader, the speed at which you walk, and uneven terrain may affect the rate of application.

2. APPLY GRANULES
Treat the border of the lawn first, then fill in the center by making parallel passes. Walk at a steady pace to ensure even distribution of the granules.
Do not overlap treated areas or make repeat applications within 90 days as over application could damage the lawn. Do not make more than two applications per site in any 12-month period.

3. AFTER YOU APPLY
- Sweep, brush, or blow any accidentally applied material off driveways, sidewalks, and other impervious surfaces back on to the lawn.
- Treated weeds may turn a slight purple color which is an indication that the product is working.

BROADCAST SPREADER	SETTING
Earthway N-N-Spread	15
Ste-Green	5
Scotts 2000	4 1/2
Scotts Mini	4 1/4
Scotts Deluxe Edge Guard	4 1/4
Scotts Edge Guard Pro	4 1/4

SETTING TO DELIVER 2.5lb/1000 sq. ft.

DROP SPREADER	SETTING
Scotts Accugreen 1000	5 1/4
Scotts Accugreen 2000	8 1/2
Scotts Accugreen 3000	4 1/4

Don't see your spreader? Still have questions? Call our Consumer Affairs Hotline 1-(877) 229-3724 or visit BioAdvanced.com

KILLS

Ants* (imported fire ants*)
Armyworms (Fall Army Worm)
Cutworms (Army Cutworm)
Chinch Bugs (Hairy Chinch Bug, Southern Chinch Bug, Common Chinch Bug, False Chinch Bug, Harlequin Bug)
Japanese Beetle (Adult)
Mole Cricket (Northern Mole Cricket, Southern Mole Cricket, Tawny Mole Cricket, Short-winged Mole Cricket)
Sod Webworm (Lawn Moths) Beggarweed, Creeping Beggarweed, Desert Bottony, Florida Burdock
Buttercups, Hairy Buttonweed, Virginia Clover, Rop Clover, Red Cocklebur, Common Coffeeweed, (Common Chickory) Daisy, English (Lawn Daisy) Dandelion, False Dollarweed (Pennywort) Goldenrod
Hawkweed Henbit Ivy Ground (Creeping Charlie) Knotweed Kyllings, Green* Lespedeza, Common Mallow, Bursellleaf Matchweed Nutsedge, Purple* Nutsedge, Yellow* Parsley-piert Peppergrass
Pepperweed, Virginia Plantain, Broadleaf Smartweed Sorrel, Sheep Speedwell, Common Spotted Catsear Spurweed Thistle Vetch, Common Wild Violet Woodsorrel, Creeping

PREVENTS

Agrestum, Tropic Barley, Mouse Barnyardgrass Bittercress Black Nightshade, Hairy Bluegrass, Annual (Poa annua) Brome, Field Buckwheat, Wild Burweed, Lawn California Burclover Chamomile, False Cheatgrass Crabgrass, Henry
Crabgrass, Large (Hairy Crabgrass) Crabgrass, Smooth Cudweed, Linear Leaf (Purple Cudweed) Dandelion, Cat's Ear Dovenweed Evening Primrose, Common Evening Primrose, Cutleaf Fiddleglo, Rice Fleabane, Hairy Foxtail, Giant Foxtail, Green
Foxtail, Yellow Filaree, Redstem Goosegrass Groundsel, Common Galinsoga Kochia Kyllings, Fragrant Lovegrass, Tufted Mallow, Little Marestail Mulberry Weed Mustard, Black Mustard, Wild Nightshade, American Black
Nightshade, Hairy Parthenium Phyllanthus, Longstalked Pigweed, Prostrate Pigweed, Redroot Plantain, Pokeweed Puncturevine Redmaids Rocket, London Ryegrass, Italian Ryegrass, Perennial Sandbur Sedge, Annual Shepherds Purse Sida, Prickly (Teaweed)
Southern Broadbuttons Spurweed, Corn Spurge, Prostrate Sunflower, Common Swinecress Tassel Flower Velvetleaf Vetch, Purple Wild Carrot Willowherb Woodsorrel (Oxalis)
Burweed, American Chickweed, Common Chickweed, Mouseear Clover, White Dandelion, Common Dock, Curly Eclipta Henbit Knotweed, Prostrate Kyllings, Annual* Lambsquarters Medic, Black Plantain, Buckhorn

KILLS AND PREVENTS

Purslane, Common Parsley, Florida Ragweed, Common Sheperdspurse Spurge, Spotted Thistle, Canada Woodsorrel, Yellow

*Suppression
**Including harvester, pharaoh and cornpester ants
***Kills fire ants upon initial application, only

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
PESTICIDE STORAGE: Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.
PESTICIDE DISPOSAL AND CONTAINER HANDLING:
If empty: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.
If partly filled: Call your local solid waste agency for disposal instructions. Never unused product down any indoor or outdoor drain.

FIRST AID

IF SWALLOWED
- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 – 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES
- Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for further treatment advice.

NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. Have the product container or label with you when calling a poison control center or doctor or going for treatment. **You may contact 877-229-3783 for emergency medical treatment information.** Active ingredients: 0.088% Dicamba, (CAS # 1918-00-9), 0.041% Pennoxsulam (CAS # 943087-01-4) and 0.027% Indaziflam (CAS # 950782-86-2) and 0.185% Bifenthrin (CAS# 82657-04-3).

PRECAUTIONARY STATEMENTS
CAUTION: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

- Harmful if swallowed or absorbed through skin.
- Causes moderate eye irritation.
- Avoid contact with eyes, skin, or clothing.
- Remove and wash contaminated clothing before reuse.
- When using this product, wear long-sleeved shirt, long pants, socks, shoes, and rubber gloves.

After using this product:
- Rinse gloves before removing and wash hands.
- If product gets on skin, wash thoroughly with soap & water.
- If product gets on clothing, remove and wash clothing separately before reuse.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

- This product is toxic to fish, aquatic invertebrates, and plants.
- To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.
- Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not contaminate water when disposing of rinsate or washwater. This product may contaminate water through wind drift or runoff. Observe directions for use to avoid spray drift and runoff. A level well maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.
- **Groundwater Advisory:** This pesticide has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.
- **Surface Water Advisory:** This pesticide may impact water quality due to runoff of rain water. This is especially true for poorly-draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.
- **Non-Target Organism Advisory:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow cooking in contact with oxidizing agents, water & ammonium phosphate. Hazardous chemical reaction may occur.

Questions or comments, text or call toll-free 1-(877) 229-3724 or visit us online at www.bioadvanced.com

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

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Distributed by: SBM Life Science Corp. PO Box 525, Morrisville, NC 27560

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NOTICE: Research and testing have determined that the "Directions for Use" on this product are appropriate for the proper use of this product under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

BioAdvanced® Science-Based Solutions
3 in 1 Weed & Feed for Southern Lawns Plus Insect Killer
35-0-3
GUARANTEED ANALYSIS
Total Nitrogen (N) 35.0%
35% Urea Nitrogen**
Soluble Potash (K_2O) 3.0%
Sulfur (S) Total 4.0%
3.5% Free Sulfur (S)
1% Combined Sulfur (S)
Derived From: Urea, Polymer Coated Sulfur Coated Urea, & Potassium Sulfate
** 17.5% slowly available Nitrogen from Polymer Coated Sulfur Coated Urea

Information regarding the contents and levels of metals in this product are available on the Internet at http://www.aapfco.org/metals.html

Check with your county or city government to determine if there are local regulations for fertilizer use.

EPA Reg. No. 82564-82 EPA Est. No. indicated by 3rd and 4th digits of the batch number on this package.
(29) • 82752-FL-1 (57) • 071709-GA-003

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PLUS
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Tested *Note fire ants upon initial application only.

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