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Turf King Fertilizer

with 0.096% Bifenthrin

Only for use and storage by commercial applicators for use to control Ants (including Fire Ants), Mole Crickets, and other listed insect pests on lawns in landscaped areas, around residential, institutional, public, commercial, and industrial buildings, parks, recreational areas, and athletic fields. For Use as a Quarantine Treatment against Imported Fire Ants and for Balled and Containerized Nursery Stocks.

For outdoor use only.

ACTIVE INGREDIENT:	
Bifenthrin*	0.096%
OTHER INGREDIENTS:	
	99.904%
TOTAL:	
	100.00%

*Cis isomers 97% minimum; trans. isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other panels for additional precautionary statements

FIRST AID

If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water of 15-20 minutes. Call a poison control center or doctor for treatment advice.
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HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday-Friday, 7:30 AM-3:30 PM PST. You may also contact the National Poison Control Center, 1-800-222-1222, day or night, for emergency medical treatment information or SafetyCall® at (866) 897-8050.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested milk cream or other digestible fats and oils may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and run off from treated areas may be hazardous to aquatic organisms in neighboring areas. 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.

Distributed and Guaranteed by Andre & Son
17150 State Route 706 • Montrose, PA 18801 • 570-278-1131

GUARANTEED ANALYSIS

Soluble Potash (K ₂ O)	7.00%
Nutrients derived from: Muriate of Potash.	
Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed on this label, and referring to the batch number found on this container.	
Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial seed production, or for commercial seed production or for research purposes.

- All outdoor applications must be limited to spot treatments only, except for the following permitted uses:
- Application to pervious surfaces such as soil, lawn, turf, and other vegetation.
 - Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn).

- USE RESTRICTIONS:**
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.)
 - For soil or foliar 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 apply the product into fish pools, 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 apply when the wind speed is greater than 15 mph.
 - Do not apply more than 420 pounds of Turf King Fertilizer with 0.096% Bifenthrin (0.4 lbs bifenthrin) per acre per year. For residential applications, do not apply more than 210 pounds of product per acre per year (0.2 lb ai/ acre per year).
 - For applications at rates above 0.34 lb ai/A (170 lbs product/A), users must water the treated area immediately after application.
 - Do not water to the point of run-off.
 - Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
 - Do not allow to enter indoor or outdoor drains
No permita la entrada a desagües internos o externos.



- Follow proper disposal procedures on this label
Siga las indicaciones del etiquetado para el desecho apropiado del producto.
- Not for use on golf courses, sod farms, nurseries, commercial greenhouses, or grass grown for seed.
 - In **New York State** this product may NOT be applied to any grass or turf area within 25 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).
 - In **New York State** do make a single repeat application of Turf King Fertilizer with 0.096% Bifenthrin if there are signs of renewed insect activity but not sooner than two weeks after the first application.

NET WT 50 lb (22.7 kg)

EPA Reg. No. 53883-337-47956 • EPA Est. No. 47956-PA-001

FLORIDA APPLICATIONS:

- For commercial application to urban turf or lawns in FL we recommend you follow the Best Management Practices for Protection of Water Resources in Florida June 2002 Florida Green Industries available on the internet at [title //www.dep.state.fl.us/central/Home/MeetingsTrainings/FLGreen/BMP.Book.final.pdf](http://www.dep.state.fl.us/central/Home/MeetingsTrainings/FLGreen/BMP.Book.final.pdf)

For lawn and landscape areas around residential, commercial, institutional, industrial buildings, parks, recreational lawns, and athletic fields.

LAWN AND PERIMETER APPLICATIONS
Perimeter Application: Apply to ground area up to 7 feet wide around and adjacent to the structure using an application rate of 4.75 pounds per 1 000 square feet.
Lawn Application: Broadcast Turf King Fertilizer with 0.096% Bifenthrin with suitable application equipment to ensure uniform coverage over the treatment area. Apply 2.4 to 4.8 pounds per 1,000 square feet to control the following pests:

Annual Bluegrass Weevils (Hyperodes) (Adults) Ants Armyworms Billbugs (Adults) Black Turfgrass Ataenius (Adults) Centipedes Chinch Bugs Cutworms	Deer Ticks ¹ Fleas Imported Fire Ants ² Leafhoppers Mealybugs Millipedes Mole Crickets Sod Webworms Ticks
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Note:
¹ Deer Ticks (Ixodes sp.) have a complicated life cycle that ranges over a two year period and involves four life stages Applications should be made in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter.
² Imported Fire Ants Control will be optimized by combining broadcast applications (of a suitable EPA approved product) that will control foraging workers and newly mated fly in queens with mound treatments that will control existing colonies.

The higher application rate may be required to control Ants, Centipedes, Chinch Bugs, Fleas, Imported Fire Ants, Millipedes, Mole Crickets, and Ticks.

RECOMMENDED SPREADER SETTINGS

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

Spreader Model	Spreader Seetings Application Rates	
	2.4 lbs.	4.8 lbs.
Earthway 2400	14	17
Lesco	G	J
Scotts Accupro	K	M

ORNAMENTAL USE
(For soil incorporation into potting media used in containerized plantings of ornamental trees, shrubs, plants, flowers, conifers, Christmas trees, and non-bearing fruit and nut trees, and bushes.)

HERB USE
For soil incorporation into potting media used in containerized plantings of the following herbs: Angelica; balm; basil; borage; burnet; camomile; catnip; chervil; chive; chive, chinese; clary; coriander (leaf); costmary; culantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marloram; nasturtium; parsley; pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; wintergreen; woodruff; and wormwood. Minimum preshipment interval is 70 days for herbs listed above.

Application Instructions for Potting Media
Determine bulk density of the potting media by measuring the dry weight of a unit volume of the mix. Based on the length of control required, thoroughly mix the appropriate quantity of the Turf King Fertilizer with 0.096% Bifenthrin with equipment suitable to give uniform distribution in the potting media. Turf King Fertilizer with 0.096% Bifenthrin may be pre-mixed with an appropriate amount of sand (1:10) to ensure adequate distribution of the product of the mix.

Turf King Fertilizer with 0.096% Bifenthrin is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines. Use the application rates given in the table below to determine the length of control required for certification.							
Pest	USDA IFA Certification Period (mo)	App Rate (ppm)	Potting Media Bulk Density* (lbs. Turf King Fertilizer with 0.096% Bifenthrin Per Cubic Yard)				
			200	300	400	500	600
Imported Fire Ant	0-6	10	2.1	3.1	4.2	5.2	6.3
	7-12	12	2.5	3.8	5.0	6.3	7.5
	13-24	15	3.1	4.7	6.3	7.8	9.4
	Continuous	25	5.2	7.8	10.4	13.0	15.6
Comments: Incorporate appropriate amount of Turf King Fertilizer with 0.096% Bifenthrin in one cubic yard of potting media based on the known bulk density.							

For General Use On Ornamental Plants outside the scope of USDA guidelines;
For Fungus Gnat larvae & Mealybugs use 5 to 10 ppm. For Black Vine Weevil larvae, Root Weevil larvae, White Grubs (including Japanese Beetle, oriental beetle and European chafer larvae) & Imported Fire Ants use 10 to 25 ppm. Use the higher rates for extended residual control.

Pest	App. Rate (ppm)	Potting Media Bulk Density* (lbs.Turf King Fertilizer with 0.096% Bifenthrin Per Cubic Yard)				
		200	300	400	500	600
Fungus Gnat	5	1.0	1.6	2.1	2.6	3.1
larvae Mealybugs	10	2.1	3.1	4.2	5.2	6.3
Black Vine Weevil	10	2.1	3.1	4.2	5.2	
Root Weevil larvae	15	3.1	4.7	6.3	7.8	
White Grubs	25	5.2	7.8	10.4	13.0	
Imported Fire Ants						
Comments: Incorporate appropriate amount of Turf King Fertilizer with 0.096% Bifenthrin in one cubic yard of potting media based on the known bulk density.						

*lb. of Turf King Fertilizer with 0.096% Bifenthrin per cubic yard
= bulk density of potting media x ppm
960
(bulk density = laboratory determined dry weight of a unit volume of potting media.)

STORAGE AND DISPOSAL
Do not contaminate water food or feed by storage or disposal. Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool dry place and avoid excess heat. Carefully open containers. After partial use close tightly. In case of spill avoid contact isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents. Pesticide Disposal: Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Handling: Non refillable container. Do not reuse or refill this container. Paper and plastic bags: Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or by burning. Do not burn unless allowed by state or local authorities. If burned stay out of smoke.

WARRANTY STATEMENT
ANDRE & SON, INC. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ANDRE & SON, INC. All such risks shall be assumed by the Buyer. To the extent consistent with applicable law, except as expressly provided herein, ANDRE & SON, INC. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at ANDRE & SON, INC. election, the replacement of this product.