



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
9198-157

Date of Issuance:
MAR 13 2000

Term of Issuance: **Unconditional**

Name of Pesticide Product:
**Andersons GC Fertilizer Plus
0.029% Talstar**

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Andersons Lawn Fertilizer Division
d/b/a Free Flow Fertilizer
P.O. Box 119
Maumee, OH 43537

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5), provided that you:

1. Make the following labeling changes listed below before you release the product for shipment:
 - a. On the back panel of your label, please delete the child warning statement "KEEP OUT OF REACH OF CHILDREN" above the "PRECAUTIONARY STATEMENTS" section. It is not necessary to repeat the child warning statement on the back panel.
 - b. Please change the "PRECAUTIONARY STATEMENTS" section to read: "Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling."
 - c. Under the "STATEMENT OF PRACTICAL TREATMENT" section, add the following statements: "IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2

Signature of Approving Official:

George T. LaRocca

Date:

MAR 13 2000

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glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists." Revise the statement "Get medical...persists" to read "Get medical attention if irritation persists."

- d. Please indicate the actual net weight of the package and the total square feet to be covered by the product.
- e. Under your "ENVIRONMENTAL HAZARDS" section, please change the statement "Do not contaminate water..." to read "Do not contaminate water when cleaning equipment or when disposing of equipment washwaters."
- f. After the "Flea Larvae" section, correct the 4th word in the second sentence to read "area" instead of "are".
- g. After the "American Dog Ticks" section, correct the 3rd word to read "tend" instead of "ten".
- h. Either delete the statement "Apply as necessary" or indicate a time period for retreatment based on the residual efficacy of the product.
- i. Add the following statement to "DIRECTIONS FOR USE" section: "Do not allow children and pets to enter the treated area until dry."
- j. On the front panel delete the first part of statement: "Only for sale to, use and storage by commercial applicators..." and begin the statement with "For use to control Ants..." The restricted use block properly describes who can apply this product.
- k. Combine the paragraphs beginning with "Not for use on turf being grown for sale..." and "Not to be used on sod farms" into one paragraph to read "Not for use on turf being grown for sale or other commercial use as sod, or grass grown for seed, or for research purposes."
- l. Under Imported Fire Ants, either delete the reference to mound drenching or indicate that the user must use an EPA registered product for that use.
- m. The warranty statement is unacceptable as currently written. Specifically, the last sentence in the first paragraph must be revised to read: "Buyer assumes all risks of use, storage, and handling of this product not in strict accordance with directions given herewith."
- 2. Please submit two (2) copies of your final printed label before you release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Dr. William Sproat of my team at (703) 308-8587.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure

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Front Panel – Commercial Use
(for internal use only, will not appear on final label)

The Andersons GC Fertilizer Plus 0.029% Talstar®

RESTRICTED USE PESTICIDE
Toxic to Fish and Aquatic Organisms
For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

Only for sale to, use, and storage by commercial applicators for use to control Ants (including Imported Fire Ants), Mole Crickets and other insect pests on lawns in landscaped areas and perimeters around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, golf courses and athletic fields.

Active Ingredient

Bifenthrin * 0.029%

Inert Ingredients 99.971%

Total 100.000%

*Cis isomers 97% minimum, trans isomers 3% maximum
US Patent No. 4,238,505

Talstar-Registered Trademark of FMC Corporation

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MAR 13 2000

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9198-157

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Weight XX.XX lbs. (XX.XX kg)
Covers XXXX Sq. Ft.

EPA Reg. No. 9198-XXX

EPA Est. No. 9198-OH-1

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Back Panel - Commercial Use
(for internal use only, will not appear on final label)

The Andersons GC Fertilizer Plus 0.029% Talstar

Net Weight XX.XX lbs. (XX.XX kg)
Covers XXXX Sq. Ft.

Guaranteed Analysis	
Total Nitrogen (N)	XX%
Available Phosphate (P ₂ O ₅)	XX%
Soluble Potash (K ₂ O)	XX%
Plant nutrients derived from:	

KEEP OUT OF REACH OF CHILDREN PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. 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. Do not contaminate water when disposing of equipment washwaters.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

Note to Physician:

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

READ ALL DIRECTIONS PRIOR TO APPLICATION OF THE PRODUCT

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 use as sod, or for commercial seed production, or for research purposes.

Do not apply by air.

Do not apply more than 800 lbs. of this product per acre per year.

Back Panel – Commercial Use
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Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Not to be used on sod farms, commercial greenhouses, nurseries, or grass grown for seed.

This product can be used to control the following lawn insects:

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|------------------------------------------------------|--------------------------|
| Annual Bluegrass Weevil (<i>Hyperodes</i>) (Adult) | Ants |
| Armyworms | Billbugs (Adult) |
| Black Turfgrass <i>Ataenius</i> (Adult) | Centipedes |
| Chinch bugs | Cutworms |
| Fire Ants | Imported Fire Ants |
| Leafhoppers | Mealybugs |
| Millipedes | Mole Crickets |
| Pavement Ants | Pillbugs |
| Red Ants | Sod Webworms (Lawn Moth) |
| Sowbugs | Ticks |
| Weevils | |

Treat when insects first appear. Apply this product at a rate of 4 to 8 pounds per 1000 square feet evenly over the turfgrass area using a properly calibrated drop or rotary spreader. Check frequently to make sure the equipment is working properly and the granules are being evenly distributed. A more uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at a right angle to the first. Best results will occur if the treated area is thoroughly irrigated with water immediately after application.

For more difficult to control pests such as ants, fleas, imported fire ants, mole crickets and ticks, a higher application rate may be needed. In this case, apply 8 to 16 pounds per 1000 square feet.

Comments:

Armyworms, Cutworms, and Sod Webworms: For best results, the treated area should be irrigated immediately after application with up to 0.1 inches of water to activate the insecticide.

Annual Bluegrass Weevil: Treatment should be made to control the adult weevils as they migrate from their overwintering sites and move into grass areas. Contact your State Cooperative Extension Service for more specific information.

Billbugs: Apply when adult billbugs are first observed during April and May. Consult your State Cooperative Extension Service for information on degree days and timing in your region.

Black Turfgrass *Ataenius*: Apply treatments during May and July to control both generations of adults. The May application should be made at the same time as the full bloom stage of *Vanhoutte spiraea* and the Horse chestnut. The July application should coincide with the blooming of *Rose of Sharon*.

Chinch Bugs: These bugs infest the base of the plant and are usually found in the thatch layer. Watering the treated area with up .25 inches immediately after application will result in quicker control.

Back Panel – Commercial Use
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Flea Larvae: These larvae develop in the soil and shady areas. Irrigate the treated area with up to 0.5 inches of water immediately after application.

Imported Fire Ants: The best control will be reached by a combination of broadcast applications and mound drenching. Irrigation should be performed prior to application if the soil is not moist. For best results, apply in cool weather. The early morning or late evening hours should suffice.

Mole Cricket Adults: These adults can be difficult to control because of their extremely active stage in the early spring. Applications should be made as late in the day as possible and be watered up to 0.5 inches immediately after treatment. If the soil is not moist prior to application, it should be irrigated to ensure best control.

Mole Cricket Nymphs: Optimum control can be reached by treating young nymphs because they are more susceptible to the insecticide. Irrigate soil if it is not moist before application. Treatment should be made as late in the day as possible. Water the treated area with up to 0.5 inches directly after application.

Ticks: Do not make spot applications. Treat the entire area where ticks may occur. The higher application rate might be needed if heavy leaf litter or dense ground cover exists. Retreatment might also be necessary due to animals reintroducing new populations.

Deer Ticks: These ticks have a life cycle that ranges over a two year period and involves four life stages. Treatments should be applied in mid- to late-spring to control larvae and nymphs that are present on the soil.

American Dog Ticks: These ticks tend to gather along paths or roadways where humans are likely to be found. Apply as necessary from mid-spring to early fall to control larvae, nymphs and adults.

SUGGESTED SPREADER SETTINGS

Note: following will be a list of application spreaders and appropriate settings. This list will vary dependent on market of spreaders. (this note will not appear on final printed label).

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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

STORAGE: Keep out of reach of children and animals. Store in original container only. Store in cool, dry place and avoid excess heat.

PESTICIDE DISPOSAL: Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

