



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

538-331

Date of Issuance:

11/9/2016

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Gib-A4 Solution

Name and Address of Registrant (include ZIP Code):

The Scotts Company  
 14111 Scottslawn Road  
 Marysville, OH 43041

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

11/9/2016

2. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 538-331.”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 03/18/2015

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Cheryl Greene of my team by phone at (703) 308-0352 or via email at [green.cheryl@epa.gov](mailto:green.cheryl@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland".

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

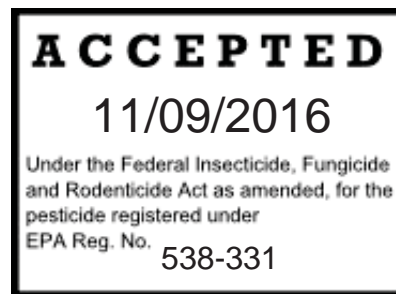
Enclosure

Note to PM: ***Bold, italicized text is information for the reviewer and is not part of the label.***  
[Bracketed information is optional.] Text separated by “/” denotes and/or options.

EPA Reg. No. 538-NEW

# Gib-A4 Solution For TURFGRASS

EPA Reg. No. 538-NEW



ACTIVE INGREDIENT:

Gibberellic Acid† ..... 4.0%

OTHER INGREDIENTS: ..... 96.0%

Total.....100.00%

†CAS #77-06-5

Gib-A4 Solution is equivalent to 128 grams a.i. of Gibberellic Acid per gallon.

KEEP OUT OF REACH OF CHILDREN  
WARNING - AVISO

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

See back / side / top /bottom [panel/label] for additional precautionary statements [and directions for use]

NET CONTENTS xx gal [xx L]

## Precautionary Statements

### Hazards to Humans and Domestic Animals [icon]

**WARNING** - Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist, and avoid contact with skin. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants;
- Chemical resistant gloves, such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, and Viton ≥14 mils;
- Shoes plus socks;
- Protective eyewear (goggles or face shield)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry

### USER SAFETY RECOMMENDATIONS

#### Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### FIRST AID

IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
IF INHALED:	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-543-8873 for emergency medical treatment information 24 hours per day.

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For Chemical Spill, Leak, Fire or Exposure, Call CHEMTREC (800) 424-9300, 24 hours per day, 7 days per week, Sunday thru Saturday.

### **Environmental Hazards [icon]**

For terrestrial uses, 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 contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

### **Physical or Chemical Hazards [icon]**

FLAMMABLE! Keep away from heat and open flame. Keep container tightly closed when not in use.

### **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

#### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical resistant gloves, such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, and Viton ≥14 mils
- Shoes plus socks
- Protective eyewear (goggles or face shield)

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### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without appropriate PPE until sprays have dried.

### IMPORTANT

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

**NOTE:** Gibberellic Acid is an extremely potent growth regulator. For best results, read all directions for use thoroughly. Consult your local experiment station specialist or distributor in your area for the spray schedule best suited to your conditions.

Discard any unused spray material at the end of each day. Prepare solution concentrations by mixing the required amount of product with water only in a clean, empty spray tank. Refer to individual crop sections and rate conversion tables provided in this labeling for the amount of this product to be applied.

Use only as directed. The label must be read thoroughly and understood before making applications. Effectiveness requires that all parts of the plant or crop must receive spray or desired result will not occur, so spray thoroughly. When a range of rates is indicated, use the concentration and spray volume recommended locally.

### COMPATIBILITY

To assure the compatibility of this product with other products, pour the products into a small container of water in the correct proportions. After thorough mixing, let stand for 5 minutes. If the combination remains mixed, or can be remixed readily, the mixture is compatible.

### SPRAY INSTRUCTIONS FOR TURFGRASS (All States Except California)

**NOTE:** Do not exceed specific rates. Maintain adequate moisture and proper fertilization programs as indicated for the local area. Discontinue treatments if thinning is observed. Do not apply the high rate more frequently than every two weeks. Do not use on dormant turf.

### CONVERSION TABLES

This product contains approximately 1 gram of active ingredient per fluid ounce of product.

Grams of active ingredient	Fluid ounces of GIBGRO® 4LS	Grams of active ingredient	Fluid ounces of GIBGRO® 4LS
0.2	0.2	16.0	16
0.5	0.5	20.0	20
1.0	1.0	25.0	25
2.0	2.0	32.0	32
4.0	4.0	40.0	40
5.0	5.0	48.0	48
8.0	8.0	50.0	50
10.0	10.0	128.0	128
12.0	12.0		

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ppm (parts per million) (GA <sub>3</sub> )	Milliliters (ml) of Gib-A4 Solution per liter of spray solution	Milliliters (ml) of Gib-A4 Solution per gallon of spray solution	Fl Oz of Gib-A4 Solution per gallon of spray solution
1	0.03	0.1	0.003
5	0.15	0.6	0.02
10	0.3	1.1	0.04
25	0.74	2.8	0.09
50	1.5	5.6	0.19
100	3.0	11.2	0.4
250	7.4	28.0	0.95
500	14.8	56.0	1.9
750	22.2	84.0	2.8
1,000	29.6	112.0	3.8

Application of this product to turfgrass grown in golf courses, parks, and turf farms has been shown to initiate or maintain growth and prevent color change during periods of cold stress.

For Kentucky Bluegrass and Fescue Grasses, use of this product will encourage culm elongation and seed head expansion when applied after most inflorescences have just emerged from the flag leaf, but well before anthesis. Application of this product may also be used to extend leaf tissue depending on timing and environmental conditions.

Bermudagrass- Tidwarf, Tifgreen, and other cultivars- *To initiate or maintain growth and prevent color change during periods of cold stress and light frosts:* Apply 10 grams a.i. per acre weekly or 25 grams a.i. per acre biweekly in 25 to 100 gallons of water per acre.

Bermudagrass, Centipede Grass, St. Augustinegrass, Ryegrass- *To maintain or enhance regrowth of golf course turfgrass during Summer months:* Apply 1 to 3 grams a.i. per acre weekly in 25 to 100 gallons of water per acre.

Kentucky Bluegrass and Fescue Grasses- *for flowering culm elongation and seed head expansion:* Apply 0.5 to 30 grams a.i. per acre after most inflorescences have just emerged from the flag leaf, but well before anthesis in 25 to 100 gallons of water per acre.

Kentucky Bluegrass and Fescue Grasses- *for plant growth:* Apply 0.5 to 30 grams a.i. per acre in 25 to 100 gallons of water per acre.

Kentucky Bluegrass, St. Augustinegrass, and Fescue Grasses- *for aiding in establishment of turfgrass:* Apply up to 0.5 to 3 grams a.i. per acre weekly in 25 to 100 gallons of water per acre.

## TURFGRASS SEED TREATMENT

*For use as a seed treatment to break dormancy in freshly harvested Kentucky bluegrass.* Use 10 to 40 ounces per 100 pounds of seed in 150 gallons of aerated water. Allow seeds to soak in the aerated solution for 24 to 72 hours at 3°C to 21°C.

**NOTE:** DO NOT USE TREATED SEED FOR FOOD, FEED, OR OIL PURPOSES. This product does not contain dye. To comply with 40 CFR 153.155, all seed treated commercially with this product must be colored with an EPA approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals.

Treated seed must be labeled in accordance with all applicable requirements of the Federal and State seed laws.

**Storage and Disposal** [icon: trash can]

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

**PESTICIDE STORAGE:** Keep containers tightly closed when not in use. Keep away from heat and open flame.

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

**CONTAINER DISPOSAL:** Nonrefillable container. DO NOT reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities by burning. If burned, stay out of smoke.

NOTICE: To the extent permissible by applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

### **Questions / Information**

[icon - phone]

Call / Consumer Helpline / phone toll-free/ Scott's [toll-free] consumer hotline/ Contact Us  
1-800-543-TURF (8873)

[Open 8:00 a.m. to 5:00 p.m. Eastern time]

[icon – computer mouse]

Visit [our website]

[www.scotts.com](http://www.scotts.com)

[illus]SMG listed NYSE

[Sold and Guaranteed by:]

The Scotts Company  
14111 Scottslawn Road  
Marysville, Ohio 43041

EPA Reg. No. 538- NEW

EPA Est. Nos. 538-OH-1<sup>S</sup>: XXX-XX-XXX

[Superscript used is first letter of run code on end of container.]

Batch / Lot # / No. XXXXXX

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### ***Optional Company Identifier***

Scotts®

### ***Alternate Brand Names:***

Gibberellic Acid 4% Solution for Turfgrass