

PM 19 228-161
PS 185

RIVERDALE

GRUB OUT PLUS FERTILIZER

FOR ORNAMENTAL TURF USE

This product controls larvae of European Chafer, Japanese Beetle larvae, Hyperodes (Turfgrass) Weevils, Chinch Bugs, Sod Webworms and other lawn pests, plus fertilizes you lawn.

See other side of bag for a complete list of insects controlled.

Treats up to 10,000 square feet. (Read Directions for Specific Application Rates.)

ACTIVE INGREDIENT:

Chlorpyrifos[0,0-Diethyl O-(3,5,6-Trichloro-2-pyridinyl) phosphorothioate]

0.70%

INERT INGREDIENTS:

99.30%

TOTAL 100.00%

GUARANTEED ANALYSIS:

Total Nitrogen (N) 10%

X% Ammoniacal Nitrogen°

X% Urea Nitrogen°

Available Phosphoric Acid (P₂O₅) 6%

Soluble Potash (K₂O) 4%

Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash°

Chlorine (Cl) Maximum° 4%

The urea nitrogen in this product has been coated to provide X % coated slow release urea nitrogen.°

*Note: Percentages and sources of primary plant foods will differ among various commercial fertilizer manufacturers.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-161

NET WEIGHT - 33 LBS.

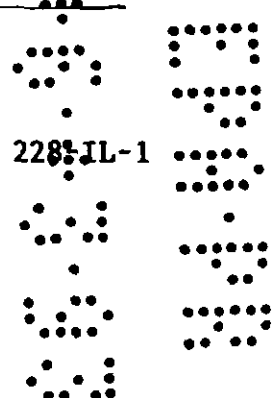
EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

DATE JUN 7 1993



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust and contact with eyes, skin and clothing. Keep children and pets off treated areas until this product is washed into the soil and grass is dry. Wash thoroughly after handling and before smoking or eating.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat by injection, is the preferable antidote.

IF ON SKIN: In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish, birds and other wildlife. 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 apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label. Do not feed treated grass clippings to livestock.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

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

CONTROL THESE INSECTS

ANTS

BROWN DOG TICKS

CHINCH BUGS

CRICKETS

CUTWORMS

EARWIGS

EUROPEAN CHAFER

HYPERODES WEEVILS

JAPANESE BEETLE

SOD WEBWORM

SOW BUGS (PILLBUGS)

NOTE: Mosquitos coming to rest on areas treated for control of turf pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weather conditions.

APPLICATION DIRECTIONS

Treat when insects are active or as recommended by State Agricultural Experiment Station or State extension Service Specialists.

Apply this product uniformly to home lawns and other ornamental and recreational turf grass areas using any land or power operated gravity or rotary type spreader designed for application of granular materials. This product is not for pasture use. To obtain uniform distribution apply one-half the required amount of product in one direction; then apply the balance at a right angle.

Immediately after application lightly water using 30 gallons per 1,000 sq. ft.

After 2 or 3 days water again; apply about an inch of water. Rainfall during this period may be counted, but should be measured.

RATES TO USE









To control ants, brown ticks, chinch bugs, crickets, cutworms, earwigs, sod webworm and sow bugs use the product at a rate of 3.3 lbs. per 1,000 sq. ft. This package will treat 10,000 sq. ft. (100' x 100' area) at the above rate.

To control certain white grubs (larvae of European chafer and Japanese beetle), use this product at a rate of 6.6 lbs. per 1,000 sq. ft. For best results treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service Specialist for proper time to treat in your area. Apply the granules uniformly over the area treated, followed immediately by thorough watering to wash the insecticide into the turf.

To control Hyperodes (turfgrass) weevils use this product at a rate of 6.6 lbs. per 1,000 sq. ft. Treat suspected problem areas in mid-April and again in mid-May. consults your local Agricultural Extension Service Specialist for best time to treat your area.

SPREADER SETTINGS

Due to variations in individual machines, these settings are intended to be a guide. It is important to make certain that your machine is spreading the correct amount of material at the setting used. The following spreader settings are based on a half rate for a two direction application.

Make of Spreader	Coverage			
	5,000 sq. ft.	10,000 sq. ft.		
Turf Line Rotary	2.0*	1.5*		
Cyclone Rotary	2.0*	1.5*		
Scott Conventional	3.0	2.0		

*Based on a spreading width of 6 feet.

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep any bags containing unused product in an area inaccessible to children and domestic animals. Do not store near feed or foodstuff. To prevent cross-contamination, do not store near other fertilizers, or near herbicides, insecticides, fungicides or seeds.

PRODUCT DISPOSAL: to dispose of bags which contain unused product, securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Fold empty bag and discard in trash.

Alternate Statement (below) for Commercial Applicator packages.

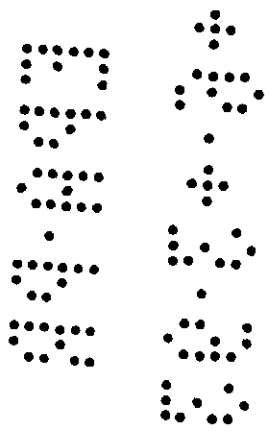
STORAGE AND DISPOSAL

STORAGE: Always store product in original container and in locked storage area. Do not contaminate other pesticides, fertilizers, seeds, water, food or feed by storage or disposal.

PRODUCT DISPOSAL: Wastes resulting from the use of this 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.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. (PR933 042194)



Riverdale

C H E M I C A L C O M P A N Y

TELEPHONE (800) 345-3330
(708) 754-3330
FAX (708) 754-0314

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OFFICE: 425 WEST 194th STREET, GLENWOOD, IL 60425-1584
PLANT: 220 EAST 17th STREET, CHICAGO HEIGHTS, IL 60411-3699

May 27, 1993

Document Processing Desk (Notification)
Registration Division - H7505C
U. S. Environmental Protection Agency
401 M Street S.W.
Washington, DC 20460

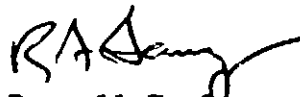
Dear Sir/Madam:

Subject: PR Notice 93-3 dated March 9, 1993
Riverdale Grub Out Plus Fertilizer
EPA Reg. No. 228-161
OPP Identifier No. 171919

Please find enclosed the necessary paperwork to notify the Agency that we are revising our label in accordance with the above subject PR Notice. Be advised that this product is part of our "John Doe" private label program. As such, we do not market this product under the Riverdale name. **Thus, there will not be any final printed label.** If there is anything else we should do at this time, please contact us immediately.

Sincerely yours,

RIVERDALE CHEMICAL COMPANY



By Russell F. Sawyer
Regulatory Affairs Manager

RFS:ls

Enc.

