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US ENVIRONMENTAL PROTECTION AGENCY	APR 14 1996
OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767)	62719-EIN TERM OF ISSUANCE
WASHINGTON, DC 20460	TIERM OF ISSUANCE
	<u>conditional</u>
NOTICE OF PESTICIDE: REGISTRATION	NAME OF PESTICIDE PRODUCT
(Under the Federal Insecticide, Fungicide,	
and Rodenticide Act, an amended).	T&O Fertilizer - Contains
	<u> </u>
AME AND ADDRESS OF REGISTRANT (Include ZIP code)	
	$\neg$
Mr Taring E Hamman	· · · · · · · · · · · · · · · · · · ·
Mr. Larry E. Hammond	
DowElanco	
9330 Zionsville Rd.	
L Indianapolis, IN 46268-	-1054
	•
product always refer to the above U.S. EPA registration nu	ior to use of the label in commerce. In any correspondence on this imber.  e above named pesticide is hereby Registered/Reregistered under
the Federal insecticide, Fungicide, and Rodenticide Act.	
A copy of the labeling accepted in connection with this R	egistration/Reregistration is returned herewith.
icide in accordance with the Act. The acceptance of any t	ion, may at any time suspend or cancel the registration of a pest- name in connection with the registration of a product under this
This product is conditional	to exclusive use of the name or to its use if it has been covered  ly registered in accordance with
This product is conditional FIFRA sec. 3(c)(7)(A) provide	ly registered in accordance with led that you:
This product is conditional FIFRA sec. 3(c)(7)(A) provide the second sec	ly registered in accordance with ded that you:  data required for registration/ product under FIFRA sec. 3(c)(5) ency requires all registrants of
This product is conditional FIFRA sec. 3(c)(7)(A) provide 1. Submit and/or cite all reregistration of your and sec. 4 when the Ag similar products to subsect to subs	ly registered in accordance with ded that you:  data required for registration/ product under FIFRA sec. 3(c)(5) ency requires all registrants of
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PREVIOUS EDITION MAT BE USED UNTIL SUPPLY IS SHAUSTED

EPA Form 8570-4/Rev. 5.76)

SIGNATURE OF APPROVING OFFICIAL

(MULT A) MILITIMITY A

EPA Form 8570-4/Rev. 5.76)

EPA FORM 8570-4/Rev. 5.76)

ATTACHMENT IS APPLICABLE

Q8B/T&O Fertilizer - Contains Gallery+Team/PropSec3/04-04-96 file: gt-t&od.doc

# T&O Fertilizer - Contains Gallery\* plus Team\* EPA Reg. No. 62719-XXX

# **Registration Notes:**

Proposed Section 3 tabeling: A turf and ornamental fertilizer product containing Gallery plus Team to be produced and marketed by supplemental distributors.

\*Trademark of DowElanco

ACCEPTED
with COMMENTS
In EPA Letter Dated APR 1 4 1996

Under the Federal Insecticide, Fundicide, and Rodenticide Act as amended, for the pesticide regimered under EPA Rog. No.

[Editors note: Supplemental distributor label may include fertility and customer service information sections within this label.]

(Logo) DowElanco

# T&O Fertilizer - Contains Gallery\* plus Team\*

A balanced fertilizer containing Gallery and Team, selective preemergence herbicides for control of certain broadleaf weeds and annual grasses in established perennial turfgrasses and landscape ornamentals.

Active Ingredients:	
isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-	0.000/
2,6-dimethoxybenzamide and isomerstrifluralin: $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- $N,N$ -dipropyl-p-toluidine	0.38%
benefin: N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitrop-toluidine	
Inert Ingredients	
Total	100.00%
GUARANTEED FERTILIZER ANALYSIS†	
Total Nitrogen	X.XX%
Available Phosphoric Acid (P2O5)	X.XX%
Soluble Potash (K <sub>2</sub> O)	X.XX%
[†Editor's note: Specific analysis of the fertilizer blend used provide distributor.]  Contains 0.38†† pounds active ingredient per 25 pound bag. [††Editor's note: Amount of active ingredient may be changed according to the change of the ch	
Keep Out of Reach of Children  CAUTION  See back or side panel of container for additional precautionary sta	tements.
Notice: Read the entire label. Use only according to label directions. B Warranty Disclaimer and Limitation of Remedies Sections elsewher	
In case of emergency endangering health or the environment involving the 4400.	nis product, call collect 517-636-
Do Not Ship or Store with Food, Feeds, Drugs, or Clothing	
EPA Reg. No. 62719-XXX	EPA Est.
*Trademark of DowElanco	1 1 1 6 6 7 6 1
DowElanco • Indianapolis, Indiana 46268 U.S.A.	\$ E E
Herbicide Net Weight lb	· · · · · · · · · · · · · · · · · · ·

### **Precautionary Statements**

### Hazards to Humans and Domestic Animals

#### Keep Out of Reach of Children

## CAUTION

#### Harmful if Swallowed Or Inhaled

Avoid breathing dust. Prolonged and frequently repeated contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### First Aid

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.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

#### **Environmental Hazards**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or inadvertent application to areas adjacent to treated turfgrasses may result in reduced germination or emergence of nontarget plants. Do not contaminate water when disposing of equipment washwaters.

#### Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read all directions carefully before applying this product.

Not for use on plants grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

#### Storage and Disposal

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

Storage: Store in original container. Protect stored product from moisture. In case of leak or spill, contain material and dispose of as waste.

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: 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.

#### General Information

This fertilizer product contains Gallery\* and Team\* preemergence herbicides for control of certain broadleaf weeds and annual grasses in established turfgrasses and landscape ornamentals. This product will not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides.

Application Equipment and Application Techniques: Apply this product using a drop or rotary-type spreader designed to apply granular fertilizer. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is operating properly and distributing product uniformly. Avoid use of spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or turf injury may occur. 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 right angles to the first. A splash board mounted below the release point of drop-type spreaders can improve the uniformity of product distribution.

#### Important Use Precautions

- Do not apply to areas where desirable plants will be grown from seed. Use only on established perennial
  plants. Take precautions to prevent inadvertent application from rotary-type applicators to such areas.
   Herbicides in this product prevent seed emergence and may injure bedding plants.
- · This product may injure turf that is weakened due to severe winter weather or is not well established.
- Apply to newly seeded turf (including overseeded turf) only after seedlings are established (three leaf stage and tillering) and well rooted. Do not overseed established turf sooner than 60 days following an application.
- Do not apply to newly sprigged or hydromulched areas of Bermudagrass, St. Augustinegrass, centipedegrass or zoysiagrass until turf is well established.
- · Do not apply to dichondra.
- · Do not apply to golf course putting greens.
- Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application of this product.
- Do not overdose or overlap during application in such a way as to apply in excess of labeled rates as turf injury may occur.
- Reseeding: Do not reseed treated areas for a minimum of 8 weeks after a single application of 175
  pounds per acre, or 12 to 16 weeks after a single application of 265 pounds per acre.
- Users who wish to use this product on species not recommended on this label may determine the
  suitability for such uses by treating a small area at a recommended rate. Prior to treating a larger area,
  the treatment should be observed for any sign of herbicidal injury for 30 to 60 days to determine if the
  treatment is safe to the target species. THE USER ASSUMES RESPONSIBILITY FOR ANY PLANT
  DAMAGE OR OTHER LIABILITY RESULTING FROM USE OF THIS PRODUCT ON SPECIES NOT
  RECOMMENDED ON THIS LABEL.

#### Weeds Controlled:

Weeds controlled by this product applied prior to weed germination at 175 to 265 pounds per acre (4.0 to 6.0 lb/1000 sq ft)

Common Name Scientific Name -Annual bluegrass Poa annua Barnyardgrass Echinochloa crus-galli Burweed, lawn Soliva pterosperma Buttercup Ranunculus spp. Carpetweed Mollugo verticiliata Celery, wild Apium leptophyllum Chickweed, common Stellaria media





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Chickweed, mouseear

Cerastium vulgatum

Crabgrass

Digitaria spp.

(Large crabgrass)

(Smooth crabgrass) Foolsparsley

Aethusa cynapium

Foxtails

Setaria spp.

(Bottlegrass)

(Bristlegrass) (Giant foxtail)

(Green foxtail) (Pigeongrass)

(Robust foxtail)

Geranium carolinianum

Goosegrass

Eleusine indica

Henbit

Lamium amplexicaule

Knotweed, prostrate

Geranium, Carolina

Polygonum aviculare

Mallow, little

Malva parviflora

Parsley - piert

Marva parvillora Alchemilla arvensis

Pennywort, lawn Pineappleweed Hydrocotyle sibthorpioides

Speedwell, thymeleaf

Matricaria matricarioides Veronica serpyllifolia

Spurge, prostrate Spurge, spotted Euphorbia humistrata Euphorbia maculata

Spurry, corn Woodsorrel, creeping

Spergula arvensis Oxalis corniculata

Woodsorrel, yellow

Oxalis stricta

Weeds suppressed or partially controlled by a single application; or, controlled by repeat applications of this product applied prior to weed germination at 175 to 265 pounds per acre (4.0 to 6.0 lb/1000 sq ft):

#### **Common Name**

Scientific Name

Clover spp. 1

Trifolium spp.

Clover, white<sup>1</sup>

Trifolium repens

Dandelion <sup>1</sup>

Taraxacum officinale Senecio vulgaris

Groundsel, common Medic, black

Medicago lupulina

Plantain, broadleaf Plantain, buckhorn Plantago major Plantago lanceolata

Plantain, slender <sup>1</sup>From seed only Plantago elongata

## Approved Uses

## **Established Turfgrasses**

Application Timing: Apply in late summer or early fall approximately 3 weeks prior to germination of weeks prior to germination of weeds which emerge in spring or early summer.

Activation: Optimum weed control performance will be obtained when followed by overhead irrigation or rainfall, within a few hours after application. A single rainfall or sprinkler irrigation of 0.5 inch or more is required to activate this product.

This Product is Recommended for Use on the Following Established Warm and Cool Season Perennial Turfgrass Species:

#### **Established Cool Season Grasses**

**Common Name** Scientific Name Bentgrass, colonial Agrostis tenuis Bentgrass, creeping Agrostis stoloniféra

Bluegrass, Kentucky Poa pratensis

Fescue, chewings Festuca rubra var. commutata

Fescue, creeping red Festuca rubra Fescue, sheep Festuca ovina

Fescue, tall Festuca arundinaceae

Ryegrass, perennial Lolium perenne

#### Established Warm Season Grasses

Common Name Scientific Name

Bahiagrass Paspalum notatum var, Saurae parodi

Bermudagrass Cynodon dactylon Centipedegrass Eremochloa ophiuroides Fescue, tall Festuca arundinaceae St. Ausustinegrass Stenotaphrum secundatum

Zoysiagrass Zoysia japonica Zoysiagrass Zoysia tenuifolia

#### **Broadcast Application Rates**

Season of Application	Pounds per Acre	Pounds per 1000 sq ft
Spring Application (Summer annuals)	175 to 265 lb/acre	4.0 to 6.0 lb/1000 sq ft
Fall Application (Winter annuals)	175 to 265 lb/acre	4.0 to 6.0 lb/1000 sq ft

A minimum of 175 pounds per acre (4 pounds per 1000 sq. ft) is recommended for optimum results.

#### **Spreader Settings**

[Editors note: Supplemental distributor label may include a table of recommended spreader equipment and spreader settings for the fertilizer blend used.]

#### **Established Ornamental Plants in Landscape Settings**

This product is recommended for preemergence control of annual grasses and certain broadleaf weeds in a wide variety of established ornamental trees, shrubs, and ground covers. Apply only to non-bearing... fruit and nut trees and non-bearing vineyards which are defined as plants which will not bear fruit for at least one year after treatment.

Application timing: Apply 1 to 2 weeks prior to the germination of weed seeds or to clean cultivated weed free areas. Do not apply this product to plantings when the foliage is wet.

Soil Preparation: This product can be surface applied around established plants or on ornamental beds. Apply to a smooth soil surface (no large clods) to assure uniform distribution. Clean-cultivate and how to remove existing weeds before applying this product.

**Activation:** Optimum weed control performance will be obtained when followed by overhead irrigation or rainfall, within a few hours after application. A single rainfall or sprinkler irrigation of 0.5 inch or more is required to activate this product.

**Broadcast Application Rates:** 

Season of Application	Pounds per Acre	Pounds per 1000 sq ft
Spring Application (Summer annuals)	175 to 265 lb/acre	4.0 to 6.0 lb/1000 sq ft
Fall Application (Winter annuals)	265 lb/acre	6.0 lb/1000 sq ft

In areas with extended growing seasons or where desired, a second application at the recommended rate can be made approximately 10 - 12 weeks following the initial application.

This product may be used for annual weed control in landscape settings on the following established ornamental plant species:

#### **Ornamental Trees:**

Common Name almond apple, crabapple apricot birch, paper cherry cottonwood dogwood, flowering dogwood, kousa honeylocust maple, flowering maple, red maple, silver oak, pin peach pine, Austrian pine, eastern white pine, Japanese black pine, scotch plum redbud, eastern spruce, Colorado spruce, Norway sweetgum	Scientific Name Prunus dulcis Malus spp. Prunus armeniaca Betula papyrifera Prunus spp. Populus delioides Cornus florida Cornus kousa Gleditsia triacanthos Abutilon hybridum Acer rubrum Acer saccharinum Quercus palustris Prunus persica Pinus nigra Pinus strobus Pinus thunbergiana Pinus sylvestris Prunus spp. Cercis canadensis Picea pungens Picea abies Liquidambar styraciflua
• •	
walnut, black	Juglans nigra



#### **Ornamental Shrubs:**

**Common Name** 

arborvitae azalea

boxwood, littleleaf camellia, Japanese camellia, sasangua

cinquefoil

cleyera, Japanese cotoneaster, cranberry elaeagnus, silverberry euonymus, winged

euonymus, wintercreeper

forsythia holly

honeysuckle juniper, creeping

laurel, mountain lilac, common myrtle, wax privet

pyracantha redcedar, eastern rhododendron spiraea, vanhoutte viburnum

yew, Japanese

yewpine

Scientific Name

Thuja occidentalis Rhododendron spp. Buxus microphylla Camellia japonica Camellia sasanqua Potentilla fruticosa Cleyera japonica

Cotoneaster apiculata Elaeagnus pungens Euonymus alata

Euonymus fortunei

Forsythia spp. Ilex spp. Lonicera spp.

Juniperus horizontalis

Kalmia latifolia Syringa vulgaris Myrica cerifera Ligustrum spp.

Pyracantha fortuneana Juniperus virginiana Rhododendron spp. Spiraea vanhouttei Viburnum spp. Taxus cuspidata

Podocarpus macrophyllus

#### **Ornamental Ground Cover Plantings:**

Common Name

ceanothus coyote brush

daisy trailing African

gazania ice plant, largeleaf

ivy, Algerian ivy, English lilyturf, bigblue

plumbago, dwarf

rosemary snow-in-summer St. johnswort Scientific Name

Ceanothus spp. Baccharis pilularis

Osteospermum fruticosum

Gazania spp.

Carpobrotus edulis Hedera canariensis

Hedera helix Liriope muscari : Ceratostigma

umbaginoides Rosmarinus officinalis Cerastium tomentosum

Hypericum coris

\*Trademark of DowElanco EPA-accepted \_\_/\_/\_