



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOTIFICATION**APR 20 2007**

OFFICE OF
PREVENTION OF PESTICIDES AND
TOXIC SUBSTANCES

Rebecca L. Johnson
Senior Global Regulatory Affairs Manager
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709-3528

SUBJECT: Application for Pesticide Notification – Re-instate CA Restrictions for Bentgrass
Drive® 75 DF Herbicide
EPA Reg. No. 7969-130
Application Dated February 23, 2007

Dear Ms. Johnson:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

Company/Product Number 969-130	2. EPA Product Manager J. Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) Drive 75 DF Herbicide	PM# 25	
Name and Address of Applicant (Include ZIP Code) ASF Corporation 6 Davis Drive Research Triangle Park, NC 27709-3528 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION APR 20 2007
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of minor change for Drive 75 DF Herbicide per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph Paper, glued <input type="checkbox"/> Stenciled		5. Location of Label Directions <input type="checkbox"/> _____	
		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rebecca L. Johnston	Title Senior Regulatory Affairs Manager	Telephone No. (Include Area Code) 919-547-2609
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Senior Global Regulatory Affairs Manager	
4. Typed Name Rebecca L. Johnston	5. Date 2-23-07	



The Chemical Company

3/14

February 23, 2007

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501
Attn: James Tompkins Room S-7337

NOTIFICATION

APR 20 2007

**RE: DRIVE[®] 75 DF Herbicide EPA Reg. No. 7969-130
Notification of Minor Change to Main Label For Use
in Turfgrass
Last EPA Approved: September 25, 2006**

Dear Mr. Tompkins:

BASF Corporation hereby notifies EPA of a minor change to the main label for DRIVE 75 DF Herbicide (EPA Reg. No. 7969-130) for use in turfgrass. The minor change to the label was to reinstate to the use directions for creeping bentgrass on page 7 those use directions specific to California that had erroneously been deleted. This rate range (0.162 – 0.245 oz) had been previously approved by EPA and is presently the approved rate range in California. The email included as Exhibit 1 further details this minor change and also indicates your agreement to submit the change as a notification.

In support of this amendment, an application form and a copy of the proposed Drive main label are enclosed. The current EPA stamp-approved Drive main label is also included as the Approved Label. Exhibit 2 contains the current approved California Drive label in which the 0.162 – 0.245 oz rate range for creeping bentgrass appears on page 9. Exhibit 3 contains the EPA approved Drive label stamped December 12, 2002 that also demonstrates the 0.162 - 0.245 rate range on page 6. For convenience, five copies of the proposed main label are included for your files.

Thank you for your assistance with the registration issues of this product. If there are any questions concerning this application, please contact me by phone at 919-547-2609 or by email at rebecca.johnston@basf.com.

Sincerely,

Rebecca L. Johnston
Global Regulatory Affairs Manager
Global Regulatory Affairs

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BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709-
3528
Tel: (919) 547-2612

Helping Make Products Better™



Tompkins.Jim@epamail.epa.gov
02/12/2007 08:08 AM

To Rebecca L Johnston <rebecca.johnston@basf.com>
cc
bcc
Subject Re: Drive Herbicide Label

You can submit this as a notification. Please include the documentation to support the notification when you submit it.

Jim Tompkins
Team Leader 25
Herbicide Branch
Registration Division

Phone 703 305 5697
Fax 703 308 0029
E-mail Tompkins.jim@EPA.GOV

NOTIFICATION

APR 20 2007

Rebecca L
Johnston
<rebecca.johnston@basf.com>

02/09/2007 02:49 PM

To
Jim Tompkins/DC/USEPA/US@EPA
cc
Subject
Drive Herbicide Label

Hi Jim,

Wanted to run something by you.

An amended DRIVE herbicide label (turf use) was last approved on September 25, 2006. It was just noticed that the use directions for creeping bentgrass do not include the specific range that is currently approved for California. In an effort to reduce the rate in the rest of the country (0.123-0.245), we neglected to retain the rate range used in California (0.162-0.245). Since we are nearing a new season would it be possible for me to submit a notification adding back in the rate range for California. I can provide you with the last approved EPA label (9/25/06) as well as the current approved California label and the 2002 EPA stamp-approved label demonstrating this rate range.

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BASF

The Chemical Company

NOTIFICATION

APR 20 2007

DRIVE®

75 DF HERBICIDE

Active Ingredient:

quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid 75.0%

Inert Ingredients: 25.0%

Total: 100.0%

U.S. Patent No. 4,497,651

EPA Reg. No. 7969-130

EPA Establishment Number _____

KEEP OUT OF REACH OF CHILDREN.

CAUTION/PRECAUCIÓN

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

See inside booklet for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty,** and state-specific crop and/or use site restrictions.

Net contents: _____

BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709

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FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation. Avoid breathing dust or spray mist. May cause allergic response.

Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to **Category A** 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 butyl rubber ≥ 14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils
- Shoes plus socks

Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 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.

Engineering Controls Statement

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Environmental Hazards

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Keep out of lakes, ponds and streams. **DO NOT** apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water by cleaning of equipment or disposal of rinsate.

DIRECTIONS FOR USE

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

For use only by certified commercial applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

All applicable directions, restrictions and precautions are to be followed. This labeling must be in the possession of the user at time of application.

DO NOT apply this product by air or through any type of irrigation equipment.

BASF Corporation does not recommend or authorize the use of this product in manufacturing, processing or preparing custom blends with other products for application to turf.

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 specified area during application.

For any requirements specific to your state or tribe, consult the 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 12 hours . 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, and water, is:
<ul style="list-style-type: none"> • Coveralls • Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene, and/or barrier laminate) • Shoes plus socks

NONAGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, nurseries, or greenhouses.
Professional applications to residential and nonresidential turf are not within the scope of the Worker Protection Standard.
• DO NOT enter or allow others to enter the treated area until sprays have dried.

Storage and Disposal

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage: DO NOT store box under dampness or high humidity.

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: Dispose of empty packaging in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 1-800-424-9300
BASF Corporation 1-800-832-HELP (4357)

I. General Information

Drive® 75 DF herbicide may be applied postemergence to residential and nonresidential turfgrasses (Refer to **Table 1**) for the control of many broadleaf and grass weeds. Examples of such sites include, but are not limited to: grounds or lawns around residential and commercial establishments, multi-family dwellings, military and other institutions, parks, airports, roadsides, schools, picnic grounds, athletic fields, houses of worship, cemeteries, golf courses and sod farms.

Drive 75 DF is absorbed by foliage and roots and translocated throughout the plant. The control symptoms exhibited by broadleaf weeds include leaf and stem curl or twisting, and chlorosis. Susceptible grasses demonstrate stunting, chlorosis, and gradual reddening followed by necrosis and death. Refer to **Tables 1, 2** and **3** for turfgrass tolerance and susceptible weed species.

II. Application Information

Apply Drive 75 DF to actively growing weeds as postemergence broadcast or spot sprays using the rate, turf species and growth stage indicated in **Tables 1, 2** and **3**. **DO NOT** exceed the labeled application rate or fail to comply with use restrictions listed in **VII. General Restrictions and Limitations**.

To achieve consistent weed control, use methylated seed oil. Refer to **Tables 1, 2** and **3** for rates.

Adding adjuvants may cause slight leaf burn, but new growth is normal, and turf vigor is not reduced. Avoid potential for leaf burn and turfgrass damage by delaying application when relative humidity and temperatures are high. Additional stress from low mowing heights may also increase the possibility of turf injury. Addition of chelated iron or sprayable soluble nitrogen fertilizer will reduce a slight yellowing that may occur on some turfgrass species.

Spot Applications: Postemergence spot applications may be made to susceptible weeds in turfgrass that is tolerant to **Drive 75 DF** (see **Tables 1** and **2**). Apply 0.367 ounces (0.75 lbs ai/A) of **Drive 75 DF** per 1000 square feet of treated area. Spray coverage should be uniform and complete. See **Table 5** for **Spot Spray Mix Instructions**.

Mowing Information: DO NOT mow 2 days before or after applying **Drive 75 DF** to maximize weed control and minimize potential turf injury. **Clippings from the first three mowings should be left on the treated area.**

Irrigation and Rainfall: If soil moisture is not sufficient prior to **Drive® 75 DF herbicide** application, irrigation may improve weed control. For best results, **DO NOT** water or irrigate for 24 hours after application. If rainfall does not occur in 2 to 7 days after application, irrigation of at least one-half inch is required.

Extended Grass Control: To extend grass control, **Drive 75 DF** can be tank mixed with **Pendulum®** or **PRE-M® herbicide** to provide residual control of annual grasses. Consult the respective tank mix labels for additional weeds controlled.

Seeding/Overseeding/Sprigging:

The use of **Drive 75 DF** before or after seeding or overseeding a turf area will not significantly interfere with the turfgrass seed germination and growth of those grass types identified as tolerant or moderately tolerant in **Table 1**. Consult **Table 4** for timing of applications concerning any seeding, overseeding or sprigging situation.

Note: Not all bermudagrass seed have similar germination characteristics. Check germination vigor of your seeded hybrid bermudagrass prior to use of **Drive 75** before, at and 7 days after seeding.

III. Addition of Adjuvants

Additives in Spray Mix to Achieve Control:

Methylated seed oil is the preferred adjuvant for postmergence applications. **DO NOT** include additives when tank mixing with EC (Emulsifiable Concentrate) products as this may cause phytotoxicity. Consult your local BASF representative or distributor for instructions for your area. *Other additives or adjuvants may be used, such as **DyneAmic®, Lescó Spreader Sticker®, LI-700®, Surf King® Spreader, Target Pro® Spreader** or **Thoroughbred®**. However, under some environmental conditions, some of these products may cause phytotoxicity or less than optimal efficacy.*

Methylated Seed Oil:

The methylated seed oil used as the adjuvant with **Drive 75 DF** must meet all the following criteria:

- be nonphytotoxic,
- contain only EPA-exempt ingredients,
- provide good mixing quality in the jar test, and
- be successful in local experience.

The exact composition of suitable products will vary; however, any methylated seed oil used should contain emulsifiers to provide good mixing quality.

IV. Mixing Instructions for Drive 75 DF herbicide

Respective sections of this leaflet define **Drive 75 DF** tank mix treatments. **If tank mixing with products in PVA bags, always allow water-soluble packets to dissolve before agitating.**

Ground Driven Sprayer:

1. Begin with a clean spray tank. Fill tank one-half to three-quarters full with clean water.
2. **Drive 75 DF** alone:
When using **Drive 75 DF** alone, either premix (1 part product + 2 parts water) or slowly add **Drive 75 DF** to the partially filled tank while agitating until completely dispersed. Fill the remainder of the tank with water.
3. **Drive 75 DF** tank mixes:
 - a. Wettable Powder Formulations:
 - 1) When using **Drive 75 DF** with a wettable powder formulation, add **Drive 75 DF** to the partially filled tank while agitating.
 - 2) When **Drive 75 DF** is properly mixed, add a slurry of the wettable powder (1 part WP + 2 parts water) slowly into the tank. Fill the remainder of the tank while agitating.
 - b. Flowable Formulations:
 - 1) When using **Drive 75 DF** with a flowable formulation, add **Drive 75 DF** to the partially filled tank while agitating.
 - 2) When **Drive 75 DF** is properly mixed, premix one part of the flowable with two parts water and add this diluted mixture slowly into the tank. Fill the remainder of the tank while agitating.
 - c. Emulsifiable Concentrate Formulations:
 - 1) When using **Drive 75 DF** with an emulsifiable concentrate formulation, add **Drive 75 DF** to the partially filled tank while agitating.
 - 2) When **Drive 75 DF** is properly mixed, premix one part of the emulsifiable concentrate with two parts water and add this diluted mixture slowly into the tank. Fill the remainder of the tank while agitating.
 - d. Dry Flowable (Water Dispersible Granule) Formulations:
 - 1) When using **Drive 75 DF** with a dry flowable formulation, add **Drive 75 DF** to the partially filled tank while agitating.
 - 2) When **Drive 75 DF** is properly mixed, premix one part of the dry flowable with two parts water and add this diluted mixture slowly into the tank. Fill the remainder of the tank while agitating.

4. MAINTAIN CONTINUOUS AGITATION WHILE ADDING HERBICIDES AND UNTIL SPRAYING IS COMPLETED. If the spray mixture is allowed to settle for any period of time, thorough agitation is essential to resuspend the mixture before spraying is resumed. Continue agitation while spraying.

Backpack Sprayer: Begin with a clean spray tank. Fill the spray tank 1/2 full with clean water and add the required amount of **Drive® 75 DF herbicide** to the sprayer. Cap sprayer and agitate to ensure mixing. Uncap sprayer and finish filling tank to desired level. Cap sprayer and agitate once again. During application it is desirable to agitate the mixture on occasion to ensure mixing. If the mixture is allowed to settle for any period of time, thorough agitation is essential to resuspend the mixture before spraying is resumed.

Liquid Fertilizers: Prior to mixing, small quantities should always be tested using a simple jar test. Add the required amount of **Drive 75 DF** to half-filled tank while agitating, then add the fertilizer product. Complete filling spray tank to desired level.

V. Spraying Instructions for Drive 75 DF herbicide

Apply with properly calibrated ground equipment in sufficient water per acre to provide uniform spray distribution (at least 20 gallons of water per acre or at least 0.5 gallons per 1000 sq ft). Use low pressure sprayers at 20-40 psi.

Maintain continuous agitation during spraying with good mechanical or bypass agitation. Nozzle screens must be no finer than 50 mesh (100 mesh is finer than 50 mesh). Check sprayer routinely to determine proper calibration. Flat fan, flood or cone nozzles may be used. Nozzles should be arranged to obtain uniform coverage for turf and weeds to be controlled. Boom height, nozzle selection, and pressure should be adjusted to provide uniform coverage and minimize spray drift.

Avoid overlaps that will increase rates above those labeled for use.

Avoid application when winds may cause drift.

Procedure For Cleaning Spray Equipment:
Clean application equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturers directions before and after applying this product.

VI. Compatibility Test for Mix Components

Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of labeled rate per acre.

1)**Water:**

For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Use only water from the intended source at the source temperature.

2)**Products in PVA bags:**

Cut an opening in the water-soluble PVA bag just large enough to use a teaspoon for measuring purposes. Use the opened water-soluble PVA bag first when preparing spray solution. Boron-containing fertilizers can be incompatible with PVA material. Include PVA material if a boron fertilizer is intended to be used. Cap the jar and invert 10 cycles.

3)**Water-dispersible products (such as Drive 75 DF herbicide):**

-(dry flowables, wettable powders, suspension concentrates, or suspo-emulsions)
-Cap the jar and invert 10 cycles.

4)**Water-soluble products (such as Basagran® T/O herbicide):**

-Cap the jar and invert 10 cycles.

5)**Emulsifiable concentrates:**

-(methylated seed oil)
-Cap the jar and invert 10 cycles.

6)**Water-soluble additives:**

-Cap the jar and invert 10 cycles.

7)Let the solution stand for 15 minutes.

8)**Evaluate** the solution for uniformity and stability.

The spray solution should not have free oil on the surface nor thick (clabbered) texture. For WG or WP products, a fine precipitate that is easily resuspended is normal; large non-dispersible particles (>300 microns) that precipitate on standing are a sign of tank mix incompatibility. **DO NOT** use any spray solution that could clog spray nozzles.

VII. General Restrictions and Limitations

- DO NOT** apply more than 2 pounds of **Drive 75 DF** per acre (or 0.73 oz per 1000 sq ft) in one year (1.5 lbs ai per acre per year).
- DO NOT** apply to golf course collars or greens.
- DO NOT** make applications of **Drive 75 DF** to drought-stressed turfgrass.
- DO NOT** apply to fine fescue unless it is part of a seed blend.
- DO NOT** apply to Bahiagrass, carpetgrass, St. Augustinegrass, centipedegrass, dichondra, or lawns or turf where desirable clovers are present.
- DO NOT** apply within 4 weeks after seedling emergence of Kentucky bluegrass, creeping bentgrass, fine fescue blends and perennial ryegrass.
- DO NOT** apply to exposed feeder roots of trees or ornamentals. Be particularly careful within the drip line of trees and other ornamental species.

- **DO NOT** apply into any ornamental bed.
- **DO NOT use clippings as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.**
- **DO NOT** plant eggplants or tobacco within 12 months on fields treated with **Drive® 75 DF herbicide.**
- **DO NOT** plant tomatoes or carrots within 24 months on fields treated with **Drive 75 DF.**
- Apply when wind speed is less than 10 mph as drift may cause damage or death of nontarget area vegetation. **DO NOT** apply when conditions favor drift from target area.
- Use a lawn-type sprayer with coarse spray as wind drift is less likely.
- Avoid mist and spray onto vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants, **especially plants belonging to the Solanaceae family, such as tomatoes, eggplants, and bell peppers.**
- **DO NOT** pour spray solutions near these plants.
- **DO NOT** apply through any type of irrigation system.
- **DO NOT** use to formulate or reformulate any other pesticide product which is not registered by EPA.
- For best results, weeds should not be under stress from lack of water, excessive water, low fertility, mowing shock, excessive hot or cold temperatures, or injury from other herbicide applications.

VIII. Turfgrass Tank Mixes

Read and follow the applicable **Restrictions and Limitations** and **Directions For Use** on all products involved in tank mixing. The most restrictive labeling applies to any tank mix. To increase spectrum of control of broadleaf weed species, a tank mix with 2,4-D, triclopyr, MCPA, MCPP, **Three Way™**, **Trimec®**, or other broadleaf herbicide can be used. For extended residual control, apply **Drive 75 DF** with **Pendulum®** or **PRE-M® herbicides**. For sedge control, applications of **Drive 75 DF** with **Basagran® SG**, **Basagran T/O**, **Lescogran® herbicides**, or **Image® 70 DG herbicide**, or MSMA can be made.

Combinations with MSMA will aid in control of certain grassy weeds, such as Bahiagrass or kikuyugrass. Consult tolerant turfgrass species on all labels. Separate applications should be made if all target weeds are not at the correct growth stage for treatment at the same time.

Physical incompatibility, reduced weed control, or turf injury may result from mixing **Drive 75 DF** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers.

Before tank mixing, a simple jar test is required to insure compatibility of herbicides or other pesticide and/or additives. Refer to manufacturers labels for specific use directions, precautions, and limitations before tank mixing with **Drive 75 DF**, and follow those that are most restrictive.

Table 1. Turf Tolerance (Established)

Highly Tolerant	Moderately Tolerant	Susceptible
Bermudagrass, Common ¹	Bentgrass, Creeping ¹	Bahiagrass
Bluegrass, Annual	Bermudagrass, Hybrid ¹	Bentgrass, Colonial
Bluegrass, Kentucky	Bluegrass, Rough (<i>Poa trivialis</i>)	Bentgrass, Seaside
Buffalograss	Fescue, Chewing's	Centipedegrass
Fescue, Tall	Fescue, Fine ²	Dichondra
Ryegrass, Annual	Fescue, Hard	St. Augustinegrass
Ryegrass, Perennial	Fescue, Red	
Zoysiagrass	Paspalum, Seashore	

¹ Yellowing that occurs on these species can be reduced by the addition of chelated iron or sprayable soluble nitrogen fertilizer (see **II. Application Information, III. Addition of Adjuvants**).

² Apply **Drive[®] 75 DF herbicide** to fine fescue only when it is part of a blend.

DO NOT use on golf course greens and collars.

Consult Table 4. Seeding/Overseeding/Sprigging Timing Chart for this situation.

Table 2. Drive 75 DF Application to Established Creeping Bentgrass

Turfgrass Species	Application Rate/Timing	Additive Rate
Bentgrass, Creeping ^{1,2}	Drive 75 DF must be applied in 2 to 3 split applications at 0.123 to 0.245 oz (0.25 lbs ai/A to 0.50 lbs ai/A) per 1000 sq ft (not to exceed 2 lbs of product per acre per season) [1.5 lbs ai/A/year]. Sequential application(s) should be timed 21 days apart.	Use methylated seed oil at 0.55 oz per 1000 sq ft (1.5 pints per acre).
Bentgrass, Creeping ^{1,3}	Drive 75 DF must be applied in 2 to 3 split applications at 0.162 to 0.245 oz (0.33 lbs ai/A to 0.50 lbs ai/A) per 1000 sq ft (not to exceed 2 lbs of product per acre per season) [1.5 lbs ai/A/year]. Sequential application(s) should be timed 21 days apart.	Use methylated seed oil at 0.55 oz per 1000 sq ft (1.5 pints per acre).

¹ Yellowing that occurs on these species can be reduced by the addition of chelated iron or sprayable soluble nitrogen fertilizer (see **II. Application Information, III. Addition of Adjuvants**).

² Not for use at this rate range in California.

³ This rate range for use only in California.

DO NOT use on golf course greens and collars.

Consult Table 4. Seeding/Overseeding/Sprigging Timing Chart for this situation.

Added back in label for CA

Table 3. Application Rates and Timing for Postemergence Weed Control in Turf

Weed Species		Drive [®] 75 DF herbicide Rate	Additive Rate
Grasses Controlled		Broadcast Applications: 1 pound of product per acre or 0.367 oz per 1000 sq ft (0.75 lbs ai/A)	Apply: 1.5 pints per acre (0.55 oz per 1000 sq ft) methylated seed oil
Common Name	Scientific Name		
Barnyardgrass	<i>Echinochloa crusgalli</i>		
Crabgrass, Large ^{1,4}	<i>Digitaria sanguinalis</i>		
Crabgrass, Smooth ^{1,4}	<i>Digitaria ischaemum</i>		
Foxtail, Giant ¹	<i>Setari faberi</i>		
Foxtail, Green ¹	<i>Setari viridis</i>		
Foxtail, Yellow ¹	<i>Setari glauca</i>		
Kikuyugrass ^{2,3}	<i>Pennisetum clandestinum</i>		
Signalgrass, Broadleaf ¹	<i>Brachiaria platyphylla</i>		
Torpedograss ⁵	<i>Panicum repens</i>		
Broadleaf Weeds Controlled		Spot Applications: Apply 0.367 oz of Drive 75 DF per 1000 sq ft (0.75 lbs ai/A) of treated area. Refer to footnotes in Tables 2 and 3 for specific turfgrass or weed instructions.	
Common Name	Scientific Name		
Bindweed, Field	<i>Convolvulus arvensis</i>		
Clover, Hop	<i>Trifolium aureum Pollich</i>		
Clover, Red	<i>Trifolium pratense</i>		
Clover, White	<i>Trifolium repens</i>		
Daisy, English ^{2,5}	<i>Bellis perenne</i>		
Dandelion, Common ²	<i>Taraxacum officinale</i>		
Dollarweed	<i>Hydrocotyle umbellata</i>		
Geranium, Carolina	<i>Geranium carolinium</i>		
Medic, Black	<i>Medicago lupulina</i>		
Morningglory spp.	<i>Ipomea</i> sp.		
Speedwell, Common	<i>Veronica officinalis</i>		
Speedwell, Slender	<i>Veronica filiformis</i>		
Speedwell, Thymeleaf	<i>Veronica serpyllifolia</i>		
Violet, Wild	<i>Viola</i> sp.		

¹ Under certain conditions, application of **Drive 75 DF** made to annual grasses at 2-4 tiller may not provide complete control. A sequential application will be required for grass control in these situations. Optimum control is achieved when applications of **Drive 75 DF** + methylated seed oil are applied either before second tiller or as weed grasses mature.

² Tank mix partner or sequential application required.

³ Make 3 sequential applications of 0.245 oz (0.50 lbs ai/A) of **Drive 75 DF** per 1000 sq ft at 14-21 day intervals.

⁴ Biotypes of large and smooth crabgrass in California have shown varied response to **Drive 75 DF**. If control failure occurs following a full or split application, **DO NOT** reapply **Drive 75 DF**. Change to a herbicide with a different mode of action.

⁵ **NOT FOR USE** to control this weed in California.

Variety	Before seeding ²	At seeding	7 days after emergence	14 days after emergence	28 days after emergence
Annual Bluegrass	OK	OK	OK	OK	OK
Annual Ryegrass	OK	OK	OK	OK	OK
Buffalograss	OK	OK	OK	OK	OK
Common Bermudagrass ³ (For sprigging see footnote 3)	OK	OK	OK	OK	OK
Creeping Bentgrass	OK	NO	NO	NO	OK
Fine Fescue (in blend)	OK	NO	NO	NO	OK
Hybrid Bermudagrass ³ (For sprigging see footnote 3)	OK	OK	OK	OK	OK
Kentucky Bluegrass	OK	NO	NO	NO	OK
Perennial Ryegrass	OK	OK	NO	NO	OK
Seashore Paspalum ^{3,4} (For sprigging see footnote 3)	NO	NO	NO	OK	OK
Tall Fescue	OK	OK	OK	OK	OK
Zoysiagrass ³ (For sprigging see footnote 3)	OK	OK	OK	OK	OK

¹Note: No adjuvant or additive should be used when **Drive® 75 DF herbicide** applications are made on newly emerged turf seedlings until 28 days after emergence; with the exception of seashore paspalum, a **Drive 75 DF** application rate of 0.367 oz/1000 sq ft (0.75 lbs ai/A) can be made to all other turfgrass species in above **Table 4**.

²**Drive 75 DF** can be applied 7 days or greater prior to seeding.

³**Drive 75 DF** can be used anytime prior to, at or after sprigging as indicated by turfgrass species in above **Table 4**.

⁴0.18 oz to 0.367 oz/1000 sq ft (0.37 to 0.75 lbs ai/A) application can be made at times indicated in above **Table 4**.

Application of **Drive 75 DF** should be timed around the seeding operations using the above chart as a reference point.

Table 5. Spot Spraying with Drive 75 DF

•Spray Mix Volume (gallons)	Drive Product in Mix (tablespoons)	MSO Adjuvant in Mix (tablespoons)
1	1	2
2	2	4
3	3	6

• Apply at the rate of 1 gallon per 1000 sq ft.
1 tablespoon = 0.367 oz (0.75 lbs ai/A) of **Drive 75 DF** product.

NOTES: For consistent results make **Drive 75 DF** application to newly germinated 1-2 leaf crabgrass, to 1-tiller crabgrass and when crabgrass has matured to 5 tillers or greater.*

* Under certain conditions, applications of **Drive 75 DF** made to annual grasses 2-4 tiller may not provide complete control. A sequential application will be required for grass control in these situations.

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