



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

84229-56

Date of Issuance:

10/14/21

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Tide Diuron 80WDG

Name and Address of Registrant (include ZIP Code):

Tide International, USA, Inc.
 c/o Pyxis Regulatory Consulting Inc.
 4110 130th St. Ct. NW
 Gig Harbor, WA 98332

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 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 section 3(c)(5) provided that you:

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

Signature of Approving Official:

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Acting Product Manager 24
 Fungicide and Herbicide Branch,
 Registration Division (7505P)

Date:

10/14/21

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 84229-56.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements 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 Agency 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/21/2020

If you have any questions, please contact Francisco Llarena-Arias by phone at 703-347-0459, or via email at llarena-arias.francisco@epa.gov

Enclosure

{Note to reviewer: [Text] in brackets denotes optional text.}
{Note to reviewer: {Text} in braces denotes where in the final label text will appear.}

{BOOKLET FRONT PANEL LANGUAGE}

DIURON	GROUP	7	HERBICIDE
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Tide Diuron 80WDG

Herbicide

For control of many annual and perennial grasses and herbaceous weeds.

ACTIVE INGREDIENT:	% By Weight
Diuron:	
3-(3,4-dichlorophenyl)-1,1-dimethylurea	80.00%
OTHER INGREDIENTS:	20.00%
TOTAL:	100.00%

Tide Diuron 80WDG is a dispersible granule formulation.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

[See] [inside] [label] [booklet] [for] [First Aid][,] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

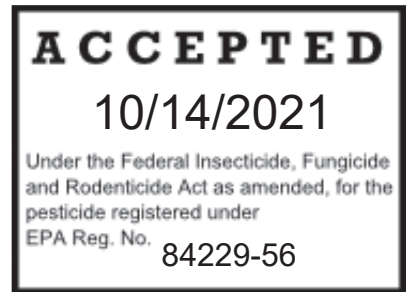
EPA Reg. No.: 84229-[XX]

EPA Est. No.:

Manufactured For:

Tide International, USA, Inc.
21 Hubble
Irvine, CA 92618

Net Weight:



{LANGUAGE INSIDE BOOKLET}

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 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 the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
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 further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Standard Time. In the event of a medical emergency, call your poison control center at 1-800-222-1222.	

For Chemical Emergency:

**Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night**

Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

All pilots, flaggers and groundboom applicators must wear:

- Long-sleeved shirt and long pants, and
- Shoes plus socks.

All mixers, loaders, other applicators, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves made of waterproof material such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, PVC ≥ 14 mils and Viton ≥ 14 mils, and
- NIOSH approved particulate filtering respirator equipped with N, R, or P class filter media. The respirator must have a NIOSH approval number prefix TC-84A.

See engineering controls for additional requirements.

USER SAFETY REQUIREMENTS

Follow the 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.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft 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.

Pilots must use enclosed cockpits that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Fluggers supporting aerial application must use an enclosed cab that meets the definition in the Worker Protection Standard for agricultural pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, fluggers must wear long-sleeved shirt, long pants, shoes and socks.

USER SAFETY RECOMMENDATIONS

Users should:

- 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.

ENVIRONMENTAL HAZARDS

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 by cleaning of equipment or disposal of wastes. **DO NOT** apply when weather conditions favor drift from areas treated. Cover or incorporate spills.

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.

{Note to Reviewer: the following statement may appear on product subset labeling for non-crop use only.}
[For use on plants in non-crop and non-timber areas only. Not for use on crops, timber, or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.]

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), notification to workers, and restricted-entry interval. The requirements in this box 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, or water), is:

- Coveralls,
- Shoes plus socks,
- Chemical-resistant gloves made of any waterproof material \geq 14 mils.

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 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.

Non-crop weed control is not within the scope of the Worker Protection Standard. Keep unprotected persons out of treated areas until sprays have dried.

PRODUCT INFORMATION

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004, Order for injunctive relief in Washington Toxics Coalition, et.al. v. EPA, C01-0132C, (W.D.WA). For further information, please refer to <http://www.epa.gov/espp/litstatus/wtc/>.

Tide Diuron 80WDG is a dispersible granule to be mixed with water and applied as a spray for selective control of weeds in certain crops and for non-selective weed control on non-cropland areas. It is non-corrosive to equipment, nonflammable, and non-volatile.

Tide Diuron 80WDG may be applied to soil prior to emergence of weeds to control susceptible weed seedlings for an extended period of time. The degree of control and duration of effect will vary with the amount of chemical applied, soil texture, rainfall, and other conditions. Soils high in clay or organic matter require higher dosages than soils low in clay or organic matter for equivalent herbicide performance. Moisture is required to activate the herbicide. Best results occur if rainfall (or sprinkler irrigation) occurs within 2 weeks of application.

Tide Diuron 80WDG applied before emergence of crop and weeds is an effective procedure because susceptible weeds are controlled in an early, vulnerable seedling stage before they compete with the crop. With favorable moisture conditions, Tide Diuron 80WDG continues to control weeds for some time as the crop becomes better able to compete.

If weed seedlings begin to break through the preemergence treatment in significant numbers, implement secondary weed control procedures; these include cultivation and postemergence herbicide application.

Tide Diuron 80WDG may also be used to control emerged weeds. Results vary with rate applied and environmental conditions. Best results are obtained on succulent weeds growing under conditions of high humidity and temperature of 70°F or higher. Addition of a surfactant to the spray (where specified) increases contact effects of Tide Diuron 80WDG.

Tide Diuron 80WDG may be used as a directed postemergence application. Contact of crop foliage and/or fruit with spray or mist must be avoided on the following crops: artichoke, corn (field), cotton, sorghum (grain), sugarcane, and established plantings of apples, bananas, plantains, blueberries, caneberries, gooseberries, citrus, grapes, macadamia nuts, olives, papayas, peaches, pears, pecans, walnuts, and certain tree plantings as injury may occur.

Under specified conditions (see SPECIFIED USES), Tide Diuron 80WDG without surfactant may be applied over the top of alfalfa (established, dormant, or semi dormant), asparagus (established), birdsfoot trefoil (established, dormant), grass seed crops (established), oats, red clover (established, dormant), sugarcane, wheat, and pineapple.

Weed species vary in susceptibility to Tide Diuron 80WDG and they may be more difficult to control when under stress. Combinations of Tide Diuron 80WDG with other herbicides (as registered) increase the number of weed species controlled. Consult labels of the companion product for this and other information. Observe all precautions and limitations on labeling of all products used in mixtures.

Since the effect of Tide Diuron 80WDG varies with soils, uniformity of application, and environmental conditions, it is suggested that growers limit their first use to small areas.

PRECAUTIONS:

Injury to or loss of desirable trees or other plants may result from failure to observe the following:

Draining or flushing equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots may injure these plants. Prevent drift of dry powder or spray to desirable plants. Avoid storage of pesticides near well sites. Calibrate sprayers only with clean water, away from well sites. Thoroughly clean all traces of Tide

Diuron 80WDG from application equipment immediately after use. Flush tank, pumps, hoses, and boom with several changes of water after removing nozzle tips and screens (clean parts separately).

RESTRICTIONS:

- **DO NOT** use Tide Diuron 80WDG on turfgrass at residential sites (including homes, apartment complexes, condominium grounds, daycare facilities, schools, parks, recreational areas, and sports fields).
- **DO NOT** use on home plantings of trees, shrubs, or herbaceous plants or lawns, walks, driveways, tennis courts, or similar areas.
- **DO NOT** contaminate any body of water.
- **DO NOT** mix/load or use near wells including abandoned wells, drainage wells, and sink holes.
- **DO NOT** apply through any type of irrigation system.
- {Note to Reviewer: the following statement may appear on product subset labeling for non-crop use only.} [**DO NOT** use on crops, timber, or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants in non-crop and non-timber areas only.]

WEED RESISTANCE MANAGEMENT

For resistance management, Tide Diuron 80WDG is a Group 7 herbicide. Any weed population may contain or develop plants naturally resistant to Tide Diuron 80WDG and other Group 7 herbicides. Weed species with acquired resistance to Group 7 herbicides may eventually dominate the weed population if Group 7 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Tide Diuron 80WDG or other Group 7 herbicides. Users should scout before and after application.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

To delay herbicide resistance:

- Avoid the consecutive use of Tide Diuron 80WDG or other target site of action Group 7 herbicides that might have a similar target site of action, on the same weed species.
- Use tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action and are both effective at the tank mix or prepack rate on the weed(s) of concern (an herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides)
- Base herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Scout fields prior to application to identify the weed species present and their growth state to determine if the intended application will be effective.
- Scout fields after application to verify that the treatment was effective.
- Contact your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

Report any incidence of non-performance of this product against a particular weed species to your Tide International, USA, Inc. retailer or representative. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemicals means to remove escapes, as practical, with the goal of preventing further seed production.

Biotypes of certain weeds listed on this label are resistant to Tide Diuron 80WDG and other herbicides with the same mode of action, even at exaggerated application rates. Biotypes are naturally occurring individuals of a species that are identical in appearance but have slightly different genetic compositions; the mode of action of an herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to retreat problem areas using a product with a different mode of action.

If resistant weed biotypes are suspected or known to be present, use a combination of tillage, retreatment, tank-mix partners, and/or sequential herbicide applications with Tide Diuron 80WDG to help control these biotypes, or use a planned herbicide rotation program where other herbicides having different modes of action are used.

MANDATORY SPRAY DRIFT DIRECTIONS

Aerial Applications

- **DO NOT** release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.
- **DO NOT** apply by air if sensitive non-target crops are within 100 feet of the application site.

Ground Applications

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boom-less Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size - Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size - Aircraft

- Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT - Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift. When applying aurally to crops, **DO NOT** release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

- **Boom-less Ground Applications:**
Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.
- **Handheld Technology Applications:**
Take precautions to minimize spray drift.

SELECTIVE USE IN CROPS

PREEMERGENCE USE (Germinating Weeds): Tide Diuron 80WDG at specified rates controls annual weeds and grasses, including:

Control:

0.75 to 1 lb (0.6-0.8 lb ai)/Acre	1.5 to 2 lbs (1.2-1.6 lbs ai)/Acre	2 to 6 lbs (1.6-4.8 lbs ai)/Acre
Barnyardgrass (Watergrass)	Bluegrass, Annual	Ageratum
Crabgrass	Chickweed	Corn Speedwell
Lambsquarters	Corn Spurry	Dayflower
Pigweed	Dogfennel	Flora's Paintbrush
Purslane	Fiddleneck (Amsinckia)	Hawksbeard
Ragweed	Foxtail	Horseweed
	Gromwell	Johnsongrass (Seedling)
	Groundcherry, Annual	Kochia
	Knawel	Kyllinger (Kyllinga)
	Morningglory, Annual	Lovegrass, Annual
	Pennycress	Marigold
	Rattail Fescue	Mexican Clover
	Red Sprangletop	Orchardgrass
	Shepherdspurse	Peppergrass

Tansymustard	Pineappleweed
Velvetgrass	Pokeweed
Vernalgrass, Sweet, Annual	Rabbit Tobacco
Wild Buckwheat	Ricegrass
Wild Lettuce	Ryegrass, Annual
Wild Mustard	Sandbur
	Smartweed, Annual
	Sowthistle, Annual
	Spanish Needles
	Velvetleaf (Buttonweed)
	Wild Radish

Partial Control:

1 lb (0.8 lb ai)/Acre	4 lbs (3.2 lbs ai)/Acre	8 to 10 lbs (6.4-8 lbs ai)/Acre
Cocklebur	Horsenettle	Guineagrass
Morningglory, Annual	Quackgrass	Maidencane
Prickly Sida (Teaweed)		Pangolagrass
Sesbania		
Sicklepod		

APPLICATION DIRECTIONS

AERIAL APPLICATION: For alfalfa, barley (winter), cotton (preplant or preemergence only), grass seed crops (PNW only), sugarcane, wheat (winter), and rights-of-way, application may be made by aircraft at 5 to 10 gallons of water per acre unless otherwise noted. Avoid overlapping of spray swath and avoid application under conditions where excessive drift may occur. Where land is bedded, make application parallel to rows. Aerial application is prohibited on sites not specifically listed in this section.

GROUND APPLICATION: Use a boom power sprayer properly calibrated to a constant speed and rate of delivery. Openings in screens must be 50 mesh or larger. Continuous agitation in the spray tank is required to keep the material in suspension.

Agitate by mechanical or hydraulic means. If by-pass or return line is used, ensure it terminates at bottom of tank to minimize foaming. Avoid overlapping and shut off spray booms while starting, turning, slowing, or stopping or injury to crop may result.

PREEMERGENCE: For preemergence application, use sufficient spray volume and pressure to uniformly distribute the spray solution over treated soil. Preemergence weed control will be reduced on high organic matter soils, including peat or muck.

POSTEMERGENCE: For postemergence application, use sufficient spray volume and pressure for thorough coverage of weed foliage. For selective applications and applications near sensitive crops, use low spray pressure to keep spray drift to a minimum. Tide Diuron 80WDG at specified rates controls seedling annual weeds, including annual morningglory, barnyardgrass (watergrass), crabgrass, crowfoot, goosegrass, pigweed, and purslane. Addition of a surfactant to the spray (where specified) increases contact effects of Tide Diuron 80WDG. Best results are obtained on succulent weeds growing under conditions of high humidity and temperatures over 70°F or higher.

SPRAY PREPARATION: Mix proper amount of Tide Diuron 80WDG into necessary volume of water. Where use of surfactant is advised, dilute with ten parts of water and add as last ingredient to nearly full spray tank.

TANK MIXTURES: Tide Diuron 80WDG may be tank mixed with other herbicides and/or adjuvants registered for crop or noncrop use in this label. Refer to the label of the tank mix product(s) for any additional use instructions or restrictions. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

REPLANTING: Unless otherwise directed, **DO NOT** replant treated areas to any crop within 2 years after last application as injury to subsequent crops may result. **Note:** for crops grown in the arid west, reductions

in normal irrigation practices for the crop in production or a summer fallow period without supplemental irrigation may require the crop rotation intervals to be extended.

When such conditions occur, complete a field bioassay prior to planting any desired crop. A successful bioassay means growing to maturity a test strip of the crops intended for production. The test crops strip must cross the entire field including knolls, low areas, and areas where any berms were located. The results of this bioassay may require the rotation intervals to be extended.

RATES: All rates of Tide Diuron 80WDG are expressed as broadcast rates. Where band applications are specified, use proportionately less. For example, use 1/3 of the broadcast rate when treating a 14-inch band where row spacing is 42 inches. Where a range of dosages is given, use the lower rate on coarse-textured soils low in clay or organic matter and the higher rate on the fine-textured soils high in clay or organic matter. For postemergence application, use the lower rate on smaller weeds and the higher rate on the larger weeds.

SOIL LIMITATIONS: Crop injury may result from failure to observe the following: Unless otherwise directed, **DO NOT** use on sand, loamy sand, gravelly soils, or exposed sub-soils; nor on pecans where organic matter is less than 0.5%; nor on alfalfa, apples, artichoke, barley (winter), citrus, cotton, grapes, oats, olives, papayas, peaches, pears, sorghum, sugarcane, walnuts, and winter wheat where organic matter is less than 1%, nor on blueberries, birdsfoot trefoil, caneberries, gooseberries, macadamia nuts, and peppermint where organic matter is less than 2%.

FIELD CROPS: (See SOIL LIMITATIONS) A good seedbed must be prepared before preemergence use of Tide Diuron 80WDG as crop injury may result if application is made to ground which is cloddy or compacted resulting in improperly planted seed. Plant seed to depth specified. Unless otherwise directed, **DO NOT** cultivate or disturb the surface of the soil after application of Tide Diuron 80WDG and before emergence of the crop as weed control may be reduced and crop injury may result. However, if moisture is insufficient to activate the herbicide, make a shallow cultivation (rotary hoe preferred) after emergence of crops while weeds are small enough to be controlled by mechanical means.

FRUIT AND NUT CROPS: (see SOIL LIMITATIONS) Unless otherwise directed, make single application per year as a directed spray avoiding contact of foliage and fruit with spray or drift. **DO NOT** graze livestock in treated orchards or groves.

USES

ALFALFA

Arizona, Nevada: Use 1.5 to 3 lbs (1.2-2.4 lbs ai) per acre. Apply in fall after alfalfa becomes dormant but no later than January.

California (Dormant and Semi-Dormant Varieties): Use 1.5 to 3 lbs (1.2-2.4 lbs ai) per acre. Apply in fall or winter after alfalfa becomes dormant or semi-dormant but before growth begins in the spring. Crop injury may result if application is made to actively growing alfalfa. For best results, apply before weeds have emerged or become established (2 inches in height or diameter). Control of established weeds is improved by applying Tide Diuron 80WDG with a suitable contact herbicide registered for such use. Sufficient rainfall for soil activation of Tide Diuron 80WDG unlikely in California after February 1. Treated areas may be replanted to any crop after 1 year from last application if rate does not exceed 2 lbs (1.6 lbs ai) per acre.

Eastern Colorado, Kansas: For control of tansymustard, apply 1 lb (0.8 lb ai) per acre shortly after emergence of mustard in the fall or winter. Use 2 lbs (1.6 lb ai) per acre if weeds are 2 to 4 inches in height. Alternatively, if other annual weeds are present, apply 2 to 3 lbs (1.6-2.4 lbs ai) per acre in February or March.

Idaho, Oregon, Washington: For control of annual weeds, use 1.5 to 3 lbs (1.2-2.4 lbs ai) per acre. Apply in fall after alfalfa becomes dormant but no later than mid-December.

Other Areas Where Alfalfa Becomes Winter Dormant: Use 1.5 to 3 lbs (1.2-2.4 lbs ai) per acre. East of Appalachian Mountains use 1.5 to 2 lbs (1.2-1.6 lbs ai) per acre. Apply in March or early April but before spring growth begins.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.

- East of the Appalachian Mountains **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- East of the Application Mountains **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** apply to seedling alfalfa nor to alfalfa/grass mixtures. Treat only stands established for 1 year or more.
- **DO NOT** apply to alfalfa under stress from disease, insect damage, shallow root penetration (including on shallow hard pans), alkali spots, nor to flooded fields as crop injury may result.
- **DO NOT** spray on snow-covered or frozen ground.

APPLE

Use Tide Diuron 80WDG alone or apply as a tank mixture with Sinbar® Herbicide (Terbacil; EPA Reg. No. 61842-13).

Tide Diuron 80WDG Alone: Apply 4 lbs (3.2 lbs ai) per acre in the spring from March through May. In the Far West, apply 4 lbs (3.2 lbs ai) per acre to small weeds less than 2 inches in height or diameter under dormant trees. Alternatively, treatments to small weeds may be applied at 2 lbs (1.6 lbs ai) per acre postharvest followed by 2 lbs (1.6 lbs ai) pe acre prior to bud break.

Georgia: Apply 2 to 3 lbs (1.6-2.4 lbs ai) per acre in the spring. Repeat application in the fall but **DO NOT** use more than 4 lbs (3.2 lbs ai) per acre per year. Add a surfactant to improve control of small, emerged weeds.

Tide Diuron 80WDG plus Sinbar (Terbacil; EPA Reg. No. 61842-13): Apply either in the spring or after harvest in the fall before weeds emerge or during early seedling stage of weed growth. Refer to tank mix partner label for rates and restrictions.

RATE/ACRE

Soil Texture	1 to 2% Organic Matter	More Than 2% Organic Matter
Sandy Loam	1.0 lb (0.8 lb ai)	1.5 lbs (1.2 lbs ai)
Loam, Silt Loam, Silt	1.5 lbs (1.2 lbs ai)	2.0 lbs (1.6 lbs ai)
Clay Loam, Clay	2.0 lbs (1.6 lbs ai)	2.0 lbs (1.6 lbs ai)

Where crop is grown under furrow irrigation or under raised-berm flood irrigation (trees 4 to 6 inches above waterline), apply only as a band treatment. Where complete weed control to harvest is desired, additional weed control measures may be required during the growing season.

RESTRICTIONS:

- Aerial application is prohibited.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** exceed 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 90 days.
- **DO NOT** treat trees planted in the bottom of irrigation furrows, nor trees grown under flat flood or basin irrigation as injury to trees may result.
- When applying alone, use only under trees established in the orchard for at least 1 year.
- When applying alone, **DO NOT** treat varieties grafted on full-dwarf root stocks.
- When applying with Sinbar (Terbacil; EPA Reg. No. 61842-13), use only under trees established in the orchard for at least 2 years.

GLOBE ARTICHOKE

California: Apply 2 to 4 lbs (1.6-3.2 lbs ai) per acre in late fall or early winter after the last cultivation. Apply before weeds germinate or to emerging seedlings. Direct spray to cover the area between the rows and at the base of artichoke plants keeping contact with crop plants at a minimum.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** exceed 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.

ASPARAGUS

Apply as a band or broadcast treatment. Preemergence weed control will be reduced on soils with greater than 5% organic matter.

Established Plantings: On light soils and other soils low in clay or organic matter, apply 1 to 2 lbs (0.8-1.6 lbs ai) per acre. On soils high in clay or organic matter, use 2 to 4 lbs (1.6-3.2 lbs ai) per acre. Two applications may be used. Make the first application before weeds become established, but no earlier than 4 weeks before spear emergence and no later than the early cutting period. If weeds are controlled into the cutting period by cultural practices, application may be delayed until immediately after the last cultivation. A second application may be made immediately following completion of harvest provided rainfall is expected. When two applications are used in one year, **DO NOT** exceed 3 lbs (2.4 lbs ai) per acre per application. In Washington (irrigated crop): Apply a single treatment of 4 lbs (3.2 lbs ai) per acre. If treatment is delayed until late winter or early spring, incorporation of the chemical in the top 1 to 2 inches of soil may substitute for lack of rain to activate the herbicide.

RESTRICTIONS:

Light Sandy Soils:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.

Soils High in Clay or Organic Matter:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year.
- Re-Treatment Interval (RTI) is 30 days, but not later than after harvest.
- Apply only to established plantings. **DO NOT** apply to young plants during the first growing season (except as noted above), nor to newly seeded asparagus, nor on plants with exposed roots.
- When two applications are made, the first application needs to be made no earlier than 4 weeks prior to spear emergence and no later than the early cutting period, and the second application following completion of harvest; **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- Aerial application is prohibited.

Newly Planted Crowns (San Joaquin Delta, California): Make a single treatment of 2 to 4 lbs (1.6-3.2 lbs ai) per acre on soils high in clay or organic matter. Use the lower rate on clay loams and the higher rate on peat soils. Soil must be settled by rainfall or irrigation prior to treatment.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** apply to young plants during the first growing season (except as noted above), nor to newly seeded asparagus, nor on plants with exposed roots as severe injury may result.
- **DO NOT** use on soils containing less than 2% organic matter.
- **DO NOT** treat crowns planted to a depth of less than 2 inches.
- Aerial application is prohibited.

BANANA AND PLANTAIN

New Plantings: To control annual weeds, apply 1.5 to 3 lbs (1.2-2.4 lbs ai) per acre after planting but before weed or crop emergence.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** apply to loose soil directly over the planting material.
- **DO NOT** replant treated area to any crop within 2 years after last application as injury to subsequent crops may result. **Exception:** sugarcane or pineapple may be planted after 1 year.

Established Plantings: For control of annual weeds and for top-kill of perennials, including bermudagrass, birdseed grass, and guineagrass, apply 3 to 6 lbs (2.4-4.8 lbs ai) per acre plus surfactant. Avoid contact of banana and plantain plants with spray or drift as injury may result. When tall, dense weed growth is present, remove weed growth before application. If application is made to soil free of weeds, omit surfactant from the spray mixture. Repeat treatment as necessary. Apply at 6-week intervals or longer for a maximum of 12 lbs (9.6 lbs ai) per acre of Tide Diuron 80WDG (broadcast basis) in 12 months.

RESTRICTIONS:

- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per application.
- **DO NOT** exceed 12 lbs (9.6 lbs ai) per acre per year.
- **DO NOT** apply more than 4 applications per year when using reduced application rates.
- Re-treatment Interval (RTI) is 6 weeks (42 days).
- **DO NOT** replant treated area to any crop within 2 years after last application as injury to subsequent crops may result. **Exception:** sugarcane or pineapple may be planted after 1 year.

BARLEY
(WINTER) (Drill Planted)

Western Oregon and Western Washington: Make a single application of 1.5 to 2 lbs (1.2-1.6 lbs ai) per acre as soon as possible after planting but before emergence of barley.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** replant treated areas to any crop within 1 year after last application as injury to the subsequent crop may result.

BIRDSFOOT TREFOIL
(Lotus)

Western Oregon: Make a single application of 2 lbs (1.6 lbs ai) per acre when trefoil is dormant (October 15 to December 15).

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- Treat only stands established for at least 1 year.
- **DO NOT** apply to seedling trefoil as injury may result.
- **DO NOT** replant treated areas to any crop within 1 year after last application as injury to subsequent crops may result.

BLUEBERRY, CANEBERRY, GOOSEBERRY

Apply as a band treatment at base of canes or bushes. For spring application, apply before germination and growth of annual weeds.

Arkansas, Florida, Georgia, Mississippi, Missouri, New Hampshire, North Carolina, South Carolina—Blueberry: Apply 1.5 to 2 lbs (1.2-1.6 lbs ai) per acre in the spring and repeat treatment after harvest in the fall. Add a surfactant to improve control of small, emerged weeds.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

California—Blackberry, Boysenberry, Dewberry, Loganberry, Raspberry: For control of winter annual weeds, apply 2 lbs (1.6 lbs ai) per acre in October or November. Repeat at the same rate in late spring to control summer annuals. A single application of 3 lbs (2.4 lbs ai) per acre in January or February will control annual weeds in some areas, but the separate fall and spring schedule is preferred.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

Indiana, Michigan, Ohio—Blueberry: Apply 2 to 4 lbs (1.6-3.2 lbs ai) per acre in late spring. Alternatively, apply 2 lbs (1.6 lbs ai) per acre in the fall and repeat at the same rate in the spring.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

Indiana, Michigan, Ohio—Raspberry: Apply 3 lbs (2.4 lbs ai) per acre in late spring.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

Maine, Massachusetts—Blueberry: Apply 2 lbs (1.6 lbs ai) per acre in late spring.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

Maryland, New Jersey—Blueberry: For control of winter annual weeds, apply 2 lbs (1.6 lbs ai) per acre from October to December, or make a single application of 2.5 lbs (2 lbs ai) per acre in early to mid-spring.

RESTRICTIONS:

- **DO NOT** apply more than 2.5 lbs (2 lbs ai) per acre per application.
- **DO NOT** apply more than 2.5 lbs (2 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

Western Washington, Western Oregon—Blueberry, Caneberry, and Gooseberry: For control of winter annual weeds, apply 2 lbs (1.6 lbs ai) per acre in October or November. Repeat at the same rate in late spring to control summer annual weeds. A single application of 3 lbs (2.4 lbs ai) per acre in January or

February will control both winter and summer annual weeds in some areas, but the separate fall and spring schedule is preferred.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Use only in fields which have been established for at least 1 year.
- **DO NOT** apply to berries interplanted with fruit trees.
- **DO NOT** apply to plants where roots are exposed as injury may result.

CITRUS

Time application as indicated for specific areas, however, application may be made any time of the year where sprinkler or flood irrigation can be timed to activate the herbicide. Established perennial weeds require other special control procedures. Tide Diuron 80WDG may be applied in citrus and in combination with registered paraquat and glyphosate formulations. Read and follow specific label instructions, precautions, and restrictions on the label of the tank mix partner when applying Tide Diuron 80WDG with other products.

Arizona (except Yuma area) and California (except Imperial and Coachella Valleys): Apply 3 to 4 lbs (2.4-3.2 lbs ai) per acre shortly after grove has been laid up in final form (non-tillage program) in late fall or early winter. Alternatively, apply 2 lbs (1.6 lbs ai) per acre in October or November and repeat at the same rate in March or April. Subsequent annual applications of 2 to 3 lbs (1.6-2.4 lbs ai) per acre will usually give adequate weed control.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 150 days.

Florida:

East Coast/Flatwoods Areas-(low permeable soils): Apply from 2 lbs (1.6 lbs ai) per acre to a maximum of 8 lbs (6.4 lbs ai) per acre for control of annual broadleaf weeds and annual grasses. Addition of an approved surfactant will improve control of emerged weeds.

RESTRICTIONS:

- **DO NOT** apply more than 8 lbs (6.4 lbs ai) per acre per application.
- **DO NOT** apply more than 8 lbs (6.4 lbs ai) per acre per year.
- **DO NOT** apply more than 4 applications per year when using reduced application rates.
- The maximum allowable use rate for diuron is 6.4 pounds active ingredient per treated acre per year inclusive of all diuron formulations used within 1 year.
- For citrus trees four or less years of age the Re-Treatment Interval (RTI) is 60 days.
- For citrus trees four or more years of age the Re-Treatment Interval (RTI) is 80 days.
- Use only as a band application. **DO NOT** use "Trunk to Trunk".

Ridge Areas-except Highland Co. (highly permeable soils): Apply from 2 lbs (1.6 lbs ai) per acre to a maximum of 4 lbs (3.2 lbs ai) per acre for control of annual broadleaf weeds and annual grasses. Addition of an approved surfactant will improve control of emerged weeds.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 8 lbs (6.4 lbs ai) per acre per year.
- **DO NOT** apply more than 4 applications per year when using reduced application rates.
- The maximum allowable use rate for diuron is 6.4 pounds active ingredient per treated acre per year inclusive of all diuron formulations used within 1 year.
- For citrus trees four or less years of age, the Re-Treatment Interval (RTI) is 60 days.
- For citrus trees four or more years of age, the Re-Treatment Interval (RTI) is 80 days.
- Use only as a band application. **DO NOT** use "Trunk to Trunk".

Ridge Areas-Highland Co. (highly permeable soils): Apply from 2 lbs (1.6 lbs ai) per acre to a maximum of 4 lbs (3.2 lbs ai) per acre for control of broadleaf weeds and annual grasses. Addition of an approved surfactant will improve control of emerged weeds.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per year.
- **DO NOT** apply more than 3 applications per year when using reduced application rates.
- The maximum allowable use rate for diuron is 4.8 pounds active ingredient per treated acre per year inclusive of all diuron formulations used within 1 year.
- For citrus trees four or less years of age, the Re-Treatment Interval (RTI) is 60 days.
- For citrus trees four or more years of age, the Re-Treatment Interval (RTI) is 80 days.
- Use only as a band application. **DO NOT** use "Trunk to Trunk".

Puerto Rico: Make a single application of 4 to 8 lbs (3.2-6.4 lbs ai) per acre or apply 3 to 4 lbs (2.4-3.2 lbs ai) per acre followed by the same rate 4 to 6 months later. On bearing citrus, apply anytime when seasonal rains are expected. On non-bearing trees, apply when winter banks are pulled down.

RESTRICTIONS:

- **DO NOT** apply more than 8 lbs (6.4 lbs ai) per acre per application.
- **DO NOT** apply more than 8 lbs (6.4 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 120 days.

Texas: Apply 2 to 4 lbs (1.6-3.2 lbs ai) per acre for annual weeds. Use 4 to 6 lbs (3.2-4.8 lbs ai) per acre for control of seedling johnsongrass. Spring treatments give best results. Ensure well-established weeds are eliminated by cultivation prior to treatment.

RESTRICTIONS:

- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per application.
- **DO NOT** apply more than 8 lbs (6.4 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 120 days.

CORN (FIELD)

Postemergence: Make a single application of 0.75 lb. (0.6 lb ai) per acre in combination with non-pressure nitrogen solution. If nitrogen solution is not used, apply 1 lb. (0.8 lb ai) per acre with surfactant. Apply as directed spray when corn is at least 20 inches high and weeds are no taller than 3 inches.

RESTRICTIONS:

- **DO NOT** apply more than 1 lb (0.8 lb ai) per acre per application.
- **DO NOT** apply more than 1 lb (0.8 lb ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** APPLY OVER TOP OF CORN.
- **DO NOT** replant to any crop within 1 year after last application as injury to subsequent crops may result.
Exception: cotton, corn, and grain sorghum may be planted the spring following treatment.

Preemergence-Arkansas, Louisiana, Mississippi, and Tennessee: Make a single application of 0.67 to 1 lb. (0.54-0.8 lb ai) per acre as a broadcast or band treatment after planting but before corn emerges. Plant corn at least 1 ½ inches deep.

RESTRICTIONS:

- **DO NOT** apply more than 1 lb (0.8 lb ai) per acre per application.
- **DO NOT** apply more than 1 lb (0.8 lb ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** replant treated areas to crops other than corn or cotton within 4 months following band treatment and 6 months following broadcast treatment as injury to subsequent crops may result.

COTTON

PREPLANT—Arizona and California: Use Tide Diuron 80WDG alone or apply as a separate operation following preplant broadcast treatment with trifluralin products (incorporated according to directions on the trifluralin product label). Apply Tide Diuron 80WDG as a broadcast spray after beds are formed, pre-irrigated, and final seedbeds prepared. Prior to planting, drag-off the tops of the beds and plant in moist soil not treated with Tide Diuron 80WDG. Treated soil is returned to the bed after planting when irrigation furrows are reformed after cotton has emerged. If more than two furrowing-out operations are performed prior to lay-by, or deep furrows are made early, weed control may be reduced in the furrow bottoms.

Tide Diuron 80WDG Alone:	
Diuron 80 DF Rate/Acre	1 to 2 lbs (0.8-1.6 lbs ai)

Tide Diuron 80WDG following trifluralin products:	
Soil Texture	Rate/Acre
Sandy Loam, Loam, Silt Loam, Silt	0.67-1 lb (0.54-0.8 lb ai)
Sandy Clay Loam, Clay Loam, Silty Clay Loam, Sandy Clay, Clay	1-1.25 lbs (0.8-1 lb ai)

PREPLANT—Except Arizona and California: Tide Diuron 80WDG may be used for burndown of existing annual weeds and residual control of weeds prior to planting cotton. Complete any planned tillage prior to application. Apply herbicide treatments before weeds germinate or before weed seedlings are more than 2 inches tall. If weeds are emerged prior to application, the addition of a non-ionic surfactant is advised. Avoid tillage following application to prevent incorporation of the herbicide into the cotton seed germination zone which may result in crop injury. Dragging treated soil from beds will concentrate the herbicide in middles and reduce residual weed control on the beds.

Apply Tide Diuron 80WDG at 1 to 2 lbs (0.8-1.6 lbs ai) per acre from 15 to 45 days prior to anticipated planting. Refer to the table below for use rates in preplant applications. If less than the maximum rate of application for a given soil is applied preplant, subsequent preemergence applications of Tide Diuron 80WDG may be made. However, the total combined application rate for Tide Diuron 80WDG applied preplant and preemergence may not exceed the maximum suggested use rate for either application method.

Tide Diuron 80WDG Alone:	
Soil Texture	Rate/Acre
Sandy Loam, Loam, Silt Loam, Silt	1 lb (0.8 lb ai)
Sandy Clay Loam, Clay Loam, Silty Clay Loam, Sandy Clay	1.25 lbs (1 lb ai)
Silty Clay, Clay	2 lbs (1.6 lbs ai)

Preemergence application of herbicides with a similar mode of action to that of diuron following preplant application of Tide Diuron 80WDG may result in cotton injury. When preplant applications of Tide Diuron 80WDG are followed by preemergence applications of herbicides with a similar mode of action, for example products containing fluometuron, product containing fluometuron must be used at the minimum rate of application for the soil under consideration in order to reduce potential for crop injury. This is most critical where applications of Tide Diuron 80WDG are made less than 30 days preplant, on coarse-textured soils, and on soils low in organic matter.

The risk of injury from preplant applications of Tide Diuron 80WDG is reduced where substantial rainfall (greater than 0.5 inches) occurs between application and planting. Read and follow any additional precautions on the Tide Diuron 80WDG label when using this product for preplant weed control in cotton.

PREPLANT TANK MIXES: When emerged weeds taller than 2 inches or weeds not listed on the Tide Diuron 80WDG label are present, Tide Diuron 80WDG may be tank mixed with other products registered for preplant applications in cotton. The addition of dry spray grade ammonium sulfate at the rate of 2.0% w/w (17 lbs per 100 gallons finished spray solution) is suggested to enhance performance of Tide Diuron 80WDG plus glyphosate tank mixes. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

REPLANTING: Only cotton and corn may be planted within 6 months of preplant applications of Tide Diuron 80WDG. To avoid crop injury following replanting, avoid disturbing the original bed.

PREEMERGENCE—Except Arizona and California: Use Tide Diuron 80WDG alone or apply as a separate operation following preplant treatment with trifluralin products. Apply Tide Diuron 80WDG after planting but before cotton emerges. Use only where cotton is planted on flat or raised seedbeds. Shallow incorporation (no deeper than 0.25 inch) with a rotary hoe or similar equipment following planting usually improves results, especially during dry weather. Use a wide press wheel on the planter to provide a level seedbed for subsequent early season postemergence treatments. If moisture is insufficient to activate Tide Diuron 80WDG or if soil becomes crusted before crop emerges, make a shallow rotary hoeing (no deeper than 0.25 inch) before weeds become established. If less than the maximum rate is used preplant, additional Tide Diuron 80WDG may be applied preemergence. However, the total amount of Tide Diuron 80WDG applied preplant and preemergence must not exceed the maximum suggested use rate for either preplant or preemergence applications.

Tide Diuron 80WDG Alone: Make a single application as a broadcast or band spray, using the following broadcast rates. Use proportionately less for band treatment.	
Soil Texture	Rate/Acre
Sandy Loam, Loam, Silt Loam, Silt	1 lb (0.8 lb ai)
Sandy Clay Loam, Clay Loam, Silty Clay Loam, Sandy Clay	1.25 lbs (1 lb ai)
Silty Clay, Clay	2 lbs (1.6 lbs ai)

Tide Diuron 80WDG following trifluralin products: Apply trifluralin products prior to planting as a broadcast or band treatment. Incorporate according to the directions on trifluralin labels. As a separate operation apply Tide Diuron 80WDG after planting but before cotton emerges. Use the following broadcast rates; for band treatment use proportionately less.	
Soil Texture	Rate/Acre
Sandy Loam, Loam, Silt Loam, Silt	1 lb (0.8 lb ai)
Sandy Clay Loam, Clay Loam, Silty Clay Loam, Sandy Clay, Clay, Silty Clay	1.25-2 lbs (1-1.6 lbs ai)

POSTEMERGENCE: Apply Tide Diuron 80WDG only as a directed spray to cover weed foliage. Adjust nozzles to minimize contact of cotton leaves with spray or drift or crop injury may result. Applications may also be made in hooded/shielded sprayers.

POSTEMERGENCE—Early Season: Apply when cotton is at least 6 inches tall and when weeds are actively growing and do not exceed 2 inches in height. Apply as a band or broadcast treatment at the following rate. Two applications may be made if needed.

Annual Weed Problem (up to 2 inches tall)	Rate/Acre
Cotton 6-8"	0.5 lb (0.4 lb ai)
Cotton 8-12"	0.75 lb (0.6 lb ai)

For control of seedling perennial grass, including johnsongrass in directed sprays and partial control of nutsedge or when weed growth is under drought stress or over 2 inches in height, add DSMA or MSMA to above spray mixture. Refer to DSMA and MSMS product labels for application rates and restrictions.

For enhanced weed control in hooded/shielded sprayer applications, add MSMA or DSMA as suggested above; or add registered glyphosate or paraquat formulations according to label specifications. Consult product labels for specific restrictions and precautions for hooded/sprayer applications.

POSTEMERGENCE—Late Season (Lay-By): Apply 1 to 1.5 lbs (0.8-1.2 lbs ai) per acre (1 to 2 lbs (0.8-1.6 lbs ai) per acre in Arizona and California) when cotton is at least 12 inches high (at least 20 inches for Pima S-2). For control of germinating weed seedlings, apply to soil beneath cotton plants and between rows immediately after last cultivation. In irrigated cotton, best weed control is obtained if the field is irrigated within 3 to 4 days after application, to thoroughly wet the surface of the ground over the row to carry the herbicide into the root zone of germinating weeds. Alternatively, for control of emerged annual weeds (4

inches or less in height) at lay-by time, make a single application in combination with surfactant, or use 0.5 to 0.75 lb. (0.4-0.6 lb ai) per acre plus surfactant and repeat later if needed.

REPLANTING: If initial seeding fails to produce a stand, cotton may be replanted in soil treated preemergence with Tide Diuron 80WDG alone or following preplant application of trifluralin products. Wherever possible, avoid disturbing original bed. If necessary to rework soil before replanting, use shallow cultivation, including discing. Plant seed at least 1 inch deep.

SUBSEQUENT CROPS

Tide Diuron 80WDG Herbicide Type of Application	That May Follow Treated Cotton
Band pre or postemergence	Any crop 4 months after last application.
Band pre plus postemergence or Broadcast preemergence (and preplant) or Broadcast preemergence plus band postemergence	Cotton, soybeans, corn, or grain sorghums (not sorgos or forage sorghums nor grass sorghums) the next spring. DO NOT replant treated areas to any other crop within 1 year after last application as injury to subsequent crops may result.
Broadcast postemergence (lay-by)	Cotton, corn, grain sorghums (not sorgos or forage sorghums nor grass sorghums) the next spring. DO NOT replant treated areas to any other crop within 1 year after last application as injury may result.
For subsequent crops in fields where trifluralin products are used, follow instructions on the trifluralin product label.	

PRECAUTIONS:

Seedling disease may weaken plants and increase the possibility of injury from the use of trifluralin products followed by Tide Diuron 80WDG. Use these treatments only in conjunction with a standard fungicide seed treatment plus a good supplemental soil fungicide program, including captan-PCNB mixture.

RESTRICTIONS:

- **DO NOT** SPRAY OVER THE TOP OF COTTON PLANTS.
- **DO NOT** apply to sand or loamy sand soils.
- **DO NOT** use on soils with less than 1% organic matter as crop injury may result.
- Maximum annual application rate inclusive of all diuron applications made within 1 year:
 - 1 lb (0.8 lb ai) per acre per year on coarse soils.
 - 1.8 lbs (1.6 lbs ai) per acre per year in medium soils, and
 - 2.75 lbs (2.2 lbs ai) per acre per year in fine soils.
- **DO NOT** apply more than 3 applications per year.
- Re-Treatment Interval (RTI) is 21 days.
- **DO NOT** treat cotton in deep furrows as crop injury may result.
- **DO NOT** allow livestock to graze treated cotton.
- **DO NOT** use Tide Diuron 80WDG in preplant or preemergence applications where soil-applied organophosphate insecticides are used due to potential for severe cotton injury and possible stand loss.
- **DO NOT** retreat field with a second preplant or preemergence application during the same year as injury to the crop may result.
- For postemergence early season, if DSMA or MSMA are used, **DO NOT** apply after first bloom.
- For postemergence replanting, **DO NOT** relist nor move soil into the original drill area.
- For postemergence replanting, **DO NOT** retreat field with a second preplant or preemergence application of herbicide during the same crop year as injury to crop may result.

Preplant Application Rates:

Maximum single application rate per acre:

- 1 lb (0.8 lb ai) per acre in coarse soils.
- 2 lbs (1.6 lbs ai) per acre in medium and fine soils.

Maximum annual application rate per acre per year:

- 1 lb (0.8 lb ai) per acre per year in coarse soils.
- 2 lbs (1.6 lbs ai) per acre per year in medium and fine soils.

- **DO NOT** make more than 1 application.
- Use Specific Application Rates for Arizona and California:

Maximum single application rate (alone):

- 1 lb (0.8 lb ai) per acre in coarse soils.
- 2 lbs (1.6 lbs ai) per acre in medium to fine soils.

Maximum single application rate (following trifluralin):

- 1 lb (0.8 lb ai) per acre in coarse soils.
- 1.25 lbs (1lb ai) per acre in medium and fine soils.
- **DO NOT** make more than 1 application.

Preemergence Application Rate:

Maximum single application rate per acre:

- 1 lb (0.8 lb ai) per acre in coarse soils.
- 1.25 lbs (1 lb ai) per acre for medium soils.
- 2 lbs (1.6 lbs ai) per acre for fine soils.

Maximum annual application rate per acre per year:

- 1 lb (0.8 lb ai) per acre per year in coarse soils.
- 1.25 lbs (1 lb ai) per acre per year for medium soils.
- 2 lbs (1.6 lbs ai) per acre per year in fine soils.
- **DO NOT** make more than 1 application.
- **DO NOT** apply this product preemergence following application of the maximum rate for a given soil applied preplant.
- Total amount of this product preemergence or preplant must not exceed the maximum use rate for either preplant or preemergence applications.

Postemergence (Directed Spray)

Early Postemergence (Post directed to >6-inch cotton)

Maximum single application rate per acre:

- 1 lb (0.8 lb ai) per acre (cotton 6 to 8 inches).
- 1.5 lbs (1.2 lbs ai) per acre (cotton 8 to 12 inches).

Maximum annual application rate per acre per year:

- 1 lb (0.8 lb ai) per acre (cotton 6 to 8 inches).
- 1.5 lbs (1.2 lbs ai) per acre (cotton 8 to 12 inches).
- **DO NOT** make more than 2 applications when applying at reduced rates, but **DO NOT** apply more than the maximum annual rate.
- Re-Treatment Interval (RTI) is 21 days.

Late Season Postemergence (Lay-by cotton 12 inches/20 inches tall for Pima S-2)

- Maximum single application rate 1.5 lbs (1.2 lbs ai) per acre.
- Maximum annual application rate 1.5 lbs (1.2 lbs ai) per acre per year.
- **DO NOT** make more than 2 applications when applying at reduced rates, but **DO NOT** apply more than the maximum annual rate.
- Re-Treatment Interval (RTI) is 21 days.

Use Specific application rates for Arizona and California

- Maximum single application rate 2 lbs (1.6 lbs ai) per acre.
- Maximum annual application rate 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** make more than 1 application.

FILBERTS

[(Except CA)]

Tide Diuron 80WDG is for control of certain weeds in filbert orchards established for at least 1 year. Apply Tide Diuron 80WDG as a directed spray, avoiding contact on the foliage and fruit with spray or drift. Make an initial treatment of 2.75 lbs (2.2 lbs ai) per acre in the late fall or early winter after harvest. Repeat

annually with 2.75 lbs (2.2 lbs ai) per acre, or apply 2 lbs (1.6 lbs ai) per acre in October or November after harvest and repeat at the same rate in March or April.

If trees are planted on hillsides, the elimination of weeds and ground cover may cause excessive soil erosion. Under these conditions, strip applications of Tide Diuron 80WDG (at proportionately lower rates) may be made near the trees or to the tree rows perpendicular to the slope.

RESTRICTIONS:

- **DO NOT** apply more than 2.75 lbs (2.2 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 150 days.
- **DO NOT** apply when nuts are on the ground.
- **DO NOT** graze livestock in treated orchards.
- **DO NOT** use on light sandy soils.

GRAPE

New York and Pennsylvania-Perennial Grasses: Use only in established vineyards (at least 4 years old) for spot control of perennial grasses, including orchardgrass, quackgrass, and ryegrass. Apply in the spring as a band treatment to ridged soil (2 to 4 inches high) under trellis at the rate of 5 lbs (4 lbs ai) per acre. Band width must not exceed 30 inches.

East of the Rocky Mountains: On soils low in clay or organic matter (1 to 2%), apply 2 to 3 lbs (1.6-2.4 lbs ai) per acre. On soils high in clay or organic matter, apply 3 to 5 lbs (2.4-4 lbs ai) per acre. Apply in the spring just prior to germination of annual weeds.

West of the Rocky Mountains: For best results, apply during the winter months when weeds are less than 2 inches in height or diameter. Rainfall or overhead sprinkler irrigation sufficient to wet the soil to a depth of 2 inches is necessary to activate the herbicide. Abnormally heavy rainfall following application just before spring growth may move the herbicide into the root zone of grapes which could result in injury. For initial treatment, apply 3 to 4 lbs (2.4-3.2 lbs ai) per acre. Subsequent annual applications of 2 lbs (1.6 lbs ai) per acre will usually give adequate weed control.

PRECAUTIONS:

Avoid direct or indirect spray contact to foliage and green bark (non-barked vines with the exception of undesirable suckers). On soils low in clay or organic matter (1 to 2%), severe plant injury may result if heavy rainfall or more than 1 inch of irrigation occurs soon after treatment. This risk must be assumed by the user.

RESTRICTIONS:

- **DO NOT** apply more than 5 lbs (4 lbs ai) per acre per application.
- **DO NOT** apply more than 10 lbs (8 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year.
- Re-Treatment Interval (RTI) is 90 days.
- Apply only as a band treatment to established vineyards at least 3 years old.
- For New York and Pennsylvania Perennial Grasses, **DO NOT** apply more than once every 4 years.
- For New York and Pennsylvania Perennial Grasses, use only on heavy soil types, including loams, silt loams, clay loams.
- For New York and Pennsylvania Perennial Grasses, **DO NOT** use in areas where grape roots are shallow or exposed, because of high bedrock, poor drainage, or erosion as injury to grapevines may result.
- West of the Rocky Mountains, **DO NOT** apply to vines with trunks less than 1.5 inches in diameter as injury may result.

GRASS SEED CROPS

(Perennial except where specifically indicated)

Colorado, Kansas, Missouri, New Mexico, and Oklahoma: On sand bluestem, side oats grama, and switchgrass, apply 2 to 3 lbs (1.6-2.4 lbs ai) per acre during the dormant period shortly before weed

seedlings emerge. In fields where ash residues have accumulated from burning straw use 3 lbs (2.4 lbs ai) per acre. Spread unburned chaff or straw with a harrow or chopper before application.

Eastern Oregon, Eastern Washington: On perennial bluegrass and fescue apply 1 to 3 lbs (0.8-2.4 lbs ai) per acre as broadcast in enough diluent to get even distribution. Apply in spring before rapid growth of the crop begins and when the windgrass is still small (1-4 leaf).

Western Oregon, Western Washington: On alta fescue, Astoria bentgrass, Highland bentgrass, Kentucky bluegrass (Merion bluegrass), and orchardgrass, apply 2 to 3 lbs (1.6-2.4 lbs ai) per acre between October 1 and November 15. In fields where ash residues have accumulated from burning straw, use 3 lbs (2.4 lbs ai) per acre. Spread unburned chaff or straw with a harrow or chopper before application. For best results, apply as soon as possible after fall rains start. Remove established weeds beyond two to four leaf stage prior to treatment. Well established vigorous stands of spring planted alta fescue, Kentucky bluegrass, and orchardgrass may be treated the following fall provided the crop is planted before April 1 and treatment is not applied before October 15; apply 2 lbs (1.6 lbs ai) per acre.

Oregon and Washington: Apply in the fall to perennial ryegrass at the rate of 1 to 2 lbs (0.8-1.6 lbs ai) per acre and to tall fescue at the rate of 2 to 3 lbs (1.6-2.4 lbs ai) per acre. Use a sufficient volume of water, and minimum of 25 gallons per acre, for thorough coverage of weed foliage. For best results, make applications at the onset of the fall rains and before weeds have become established (typically October 1 through November 15). Remove established weeds beyond the 2-4 leaf stage prior to treatment. Apply only to well established, vigorous stands. Use mechanical agitation and avoid overlap of spray patterns. Weed control efficacy may be reduced in fields where ash residues have accumulated from burning straw.

New Plantings—Oregon, Washington: For use in newly planted bentgrass, chewing fescue, Kentucky bluegrass, perennial ryegrass, orchardgrass, and tall fescue. During planting operation, spray a suitable brand of activated charcoal as a 1-inch band on soil surface at 15 pounds per acre of crop where row spacing is 20 inches (300 pounds per acre broadcast basis). Mount nozzles to apply directly over seed rows to prevent crop injury. Follow with Tide Diuron 80WDG as a single broadcast spray at the rate of 2.5 to 3 lbs (2-2.4 lbs ai) per acre. Apply as soon as possible after planting but before crops or weeds emerge and before rains or sprinkler irrigation. Fall or spring plantings may be treated. Best results usually occur with early fall plantings. Treatment will not control downy brome or wild oats.

Annual Ryegrass for the Creation of Rows: Apply 1 to 2 lbs (0.8-1.6 lbs ai) per acre as a directed or shielded spray so the intended crop row area is not treated. Make these applications where excessive populations of annual ryegrass are anticipated to volunteer from previous crops. Applications can be made as a directed/shielded spray during seeding or after emergence of annual ryegrass. These applications will occur between October 1 and January 15. Tide Diuron 80WDG is most effective when applied before annual ryegrass volunteer plants have more than 2 leaves. If larger plants are to be treated, addition of a labeled postemergence herbicide will provide more effective control. Adjust nozzle heights and spacing to allow the establishment of the desired row width (about 3 inches) and spacing (9 to 12 inches). Use of low-pressure nozzles, shielded nozzles, or drop nozzles to reduce spray movement in the intended crop row area is advised.

Fine Fescue Grass Seed Crops (including chewings, creeping red, and hard fescue types): For the suppression of rattail fescue, apply at 1 to 2 lbs (0.8-1.6 lbs ai) per acre on soils having at least 1% organic matter.

Crop Stage and Application Timing: Tide Diuron 80WDG is for use on healthy vigorous stands of fine fescue. Tide Diuron 80WDG can be applied to stands established at least 1 year or to new plantings that have been established for at least 6 months and have a minimum of eight tillers at time of application. Apply in fall before grass weeds are beyond the one to two leaf stage and before broadleaf weeds are larger than 1 to 2 inches tall or across. Use the high end of the rate range for large weeds or where weed populations are high. Approximately ½ to 1 inch of rainfall or sprinkler irrigation is needed to move Tide Diuron 80WDG into the weed zone before weeds develop an established root system. Weeds larger than the size indicated or those having a well established root system before Tide Diuron 80WDG is properly activated by rainfall/irrigation may not be adequately controlled. Weed control may be reduced by heavy straw residues or ash from field burning.

Tank Mixes: Tide Diuron 80WDG can be applied either alone or in a program involving tank mixes with other herbicides and adjuvants. When using a tank mix with other herbicides, use 1 to 1.5 lbs (0.8-1.2 lbs ai) per acre unless prior experience indicates it is safe to use higher rates. Tank mixes with other herbicides

can increase the risk of crop injury. When using a certain tank mix for the first time, limit use to a small area to determine safety before treating large areas. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- Except as noted above for "New Plantings – Oregon, Washington", apply only to established plantings at least 1 year old.
- **DO NOT** replant treated areas to any crop within 2 years of last application as injury to subsequent crops may result.
- **DO NOT** treat stands lacking in vigor due to poor fertility, environmental stress, insect or disease, or damage from other herbicides.
- Aerial application is limited to the Pacific Northwest.
- In Eastern Oregon and Eastern Washington, **DO NOT** use on coarse (sand)-textured soils.
- In Oregon and Washington, **DO NOT** apply to perennial ryegrass stands less than one year old.
- For fine fescue grass seed crops, **DO NOT** use on sand, loamy sand, gravelly soils, or exposed sub-soils.
- **DO NOT** apply to snow covered or frozen ground as injury to the crop or poor weed control may result.
- In Colorado, Kansas, Missouri, New Mexico, and Oklahoma, **DO NOT** apply after crop begins growth in the spring as crop injury may result.

**PERENNIAL RYEGRASS, TALL FESCUE, KENTUCKY BLUEGRASS, AND FINE FESCUE
(Grown for Seed)**

For control of certain broadleaf weeds and annual grasses apply this product only to well-established vigorous stands of grasses as directed below. Use sufficient water (a minimum of 25 gallons per acre) for thorough coverage of weed foliage. For best results, make application at the onset of fall rains and before weeds become established (typically October 1 through November 15). Weeds beyond the 2- to 4-leaf stage will usually not be controlled. Use higher rates within the range listed when treating larger weeds and heavier weed infestation. Weed control may be reduced where straw or ash residues have accumulated on the soil surface. Lack of moisture to activate the herbicide may reduce weed control. Tank mixtures or sequential treatments with other herbicides may reduce crop resistance and increase risk of crop injury. Crop resistance may be reduced and the likelihood of crop injury may increase when crop is under stress caused by weather, diseases, and insects.

Perennial Ryegrass (Established)(Oregon Only): Apply 1 to 2 lbs (0.8-1.6 lbs ai) per acre per year (October 1 through mid-January) to control seedling grasses and broadleaf weeds, including annual bluegrass and others named on this label.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- When using Tide Diuron 80WDG in a tank mix or in a sequential treatment with other herbicides, **DO NOT** use the maximum rates listed above unless compatibility and the potential for phytotoxicity have been evaluated.

Tall Fescue (Established)(Oregon Only): Apply 2 to 3 lbs (1.6-2.4 lbs ai) per acre per year (October 1 through mid-January) to control seedling grasses and broadleaf weeds, including rattail fescue and others named on this label.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.

- **DO NOT** apply more than 1 application per year.
- When using Tide Diuron 80WDG in a tank mix or in a sequential treatment with other herbicides, **DO NOT** use the maximum rates listed above unless compatibility and the potential for phytotoxicity have been evaluated.

Kentucky Bluegrass (Established stands east of the Cascade Mountains) (Oregon, Washington Only): Apply 1.5 to 3 lbs (1.2-2.4 lbs ai) per acre per year (October 1 through mid-January) for suppression of rattail fescue and certain other seedling grasses and broadleaf weeds named on this label. Downy brome is not controlled.

RESTRICTIONS:

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- When using Tide Diuron 80WDG in a tank mix or in a sequential treatment with other herbicides, **DO NOT** use the maximum rates listed above unless compatibility and the potential for phytotoxicity have been evaluated.
- **DO NOT** use on *Poa trivialis* grass seed varieties.

Fine Fescue (Illahee, Rainier, Chewings, and related varieties including Hard Fescue) (Established stands west of the Cascade Mountains) (Oregon Only): Apply 1 to 2 lbs (0.8-1.6 lbs ai) per acre for suppression of rattail fescue and certain other seedling grasses and broadleaf weeds named on this label.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- When using Tide Diuron 80WDG in a tank mix or in a sequential treatment with other herbicides, **DO NOT** use the maximum rates listed above unless compatibility and the potential for phytotoxicity have been evaluated.
- **DO NOT** use this product more than two years in succession in the same field.

MACADAMIA NUT

For use in Hawaii only: Apply 2 to 6 lbs (1.6-4.8 lbs ai) per acre immediately after harvest, preferably before weeds emerge. If weeds have emerged, add surfactant. Retreat up to 5 times per year not exceeding 10 lbs (8 lbs ai) per acre per year.

RESTRICTIONS:

- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per application.
- **DO NOT** apply more than 10 lbs (8 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 150 days.
- Use only under trees established in the orchard for at least 1 year.

OATS

DRILL PLANTED SPRING OATS—Idaho, Eastern Oregon, Eastern Washington: Use in areas where average annual rainfall exceeds 16 inches. Make a single application of 1 to 1.5 lbs (0.8-1.2 lbs ai) per acre after planting, either before or after oats emerge but within 6 weeks of planting. Best results are usually obtained when application is made 3 to 4 weeks after planting. Apply before weeds are 3 to 4 inches in height.

DRILL PLANTED WINTER OATS AND MIXTURE WITH PEAS OR VETCH—Western Oregon and Western Washington: Make a single application of 1.5 to 2 lbs (1.2-1.6 lbs ai) per acre as soon as possible after planting but before crop emergence.

RESTRICTIONS:

- Aerial application is prohibited.
- For drill planted spring oats, **DO NOT** apply more than 1.5 lbs (1.2 lbs ai) per acre per application.
- For drill planted spring oats, **DO NOT** apply more than 1.5 lbs (1.2 lbs ai) per acre per year.

- For drill planted winter oats and mixture with peas or vetch, **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- For drill planted winter oats and mixture with peas or vetch, **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** replant treated areas to any crop within 1 year after last application as injury to subsequent crops may result.

OLIVE

For use in California only: Apply 2 lbs (1.6 lbs ai) per acre after the grove has been laid-up in final form in late October or November. Repeat at same rate in March or April. Remove weed growth prior to treatment.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year.
- Re-Treatment Interval (RTI) is 150 days.
- Use only under trees established in the grove for at least 1 year.

PAPAYA

Apply 2.5 to 5 lbs (2-4 lbs ai) per acre, preferably before weeds emerge. If weeds have emerged, add surfactant.

RESTRICTIONS:

- **DO NOT** apply more than 5 lbs (4 lbs ai) per acre per application.
- **DO NOT** apply more than 5 lbs (4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- Use only under trees established in the orchard for at least 1 year.

PEAS

(Austrian Field)

For use in Western Oregon only: Tide Diuron 80WDG is for selective control of certain weeds in Austrian field peas. Apply 1.5 to 2 lbs (1.2-1.6 lbs ai) of Tide Diuron 80WDG per acre as a broadcast spray with air or ground equipment as soon as possible after planting but before crop emerges for control of weeds, including chickweed, sheperdspurse, wild mustard, fiddleneck, lambsquarters, pigweed, and annual bluegrass. Use lower rate on coarse-textured soils and higher rate on fine-textured soils. Crop injury may result if severe winter stress, disease, or insect damage to the crop follows application.

RESTRICTIONS:

- Aerial application is prohibited.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** use Tide Diuron 80WDG on sand, sandy loam, gravelly soils, or exposed sub-soils, or on soils having less than 1% organic matter as crop injury may result.
- **DO NOT** replant treated area to another crop within 1 year of application.

PEACH

Tide Diuron 80WDG may be applied alone or as a tank mix with Sinbar (Terbacil; EPA Reg. No. 61842-13). Where crop is grown under furrow irrigation or under raised-berm flood irrigation (trees 4 to 6 inches above waterline), apply only as a band treatment. Where complete weed control to harvest is desired, additional weed control measures may be required during the growing season. Refer to tank mix partner label for use rates and restrictions.

Tide Diuron 80WDG Alone: Apply 2 to 2.75 lbs (1.6-2.2 lbs ai) per acre in the early spring before weeds emerge or during the early seedling stage of weed growth.

For use in California only: When using Tide Diuron 80WDG alone, apply 2-3.75 lbs (1.6-3 lbs ai) per acre in the early spring before weeds emerge or during the early seedling stage of weed growth.

Georgia: Apply 2 to 2.75 lbs (2-2.2 lbs ai) per acre in the spring. Repeat application in the fall but **DO NOT** exceed 5 lbs (4 lbs ai) per acre per year. Add surfactant to improve control of small, emerged weeds.

Tide Diuron 80WDG plus Sinbar (Terbacil; EPA Reg. No. 61842-13): Apply either in the spring or after harvest in the fall before weeds emerge or during early seedling stage of weed growth.

Soil Texture	Rate/Acre	
	1-2% Organic Matter	More than 2% Organic Matter
Sandy Loam	1.0 lbs (0.8 lbs ai)	1.5 lbs (1.2 lbs ai)
Loam, Silt Loam, Silt	1.5 lbs (1.2 lbs ai)	2.0 lbs (1.6 lbs ai)
Clay Loam, Clay	2.0 lbs (1.6 lbs ai)	2.0 lbs (1.6 lbs ai)

RESTRICTIONS:

California

- **DO NOT** apply more than 3.75 lbs (3 lbs ai) per acre per application.
- **DO NOT** apply more than 3.75 lbs (3 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** treat trees planted in the bottom of irrigation furrows, nor trees grown under flat flood or basin irrigation, as injury to trees may result.
- When applying Tide Diuron 80WDG alone, use only under trees established in the orchard for at least 3 years.

Georgia

- **DO NOT** apply more than 2.75 lbs (2.2 lbs ai) per acre per application.
- **DO NOT** apply more than 5 lbs (4 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- The Re-Treatment Interval (RTI) is 150 days.
- **DO NOT** treat trees planted in the bottom of irrigation furrows, nor trees grown under flat flood or basin irrigation, as injury to trees may result.
- When applying Tide Diuron 80WDG alone, use only under trees established in the orchard for at least 3 years.
- When mixing with Sinbar (Terbacil; EPA Reg. No. 61842-13), use only under trees established in the orchard for at least 2 years.

All States Except California and Georgia

- **DO NOT** apply more than 2.75 lbs (2.2 lbs ai) per acre per application.
- **DO NOT** apply more than 2.75 lbs (2.2 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- When applying Tide Diuron 80WDG alone, **DO NOT** apply within 20 days of harvest in states east of the Rocky Mountains.
- When applying Tide Diuron 80WDG alone, in the Far West, **DO NOT** apply within 8 months of harvest.

PEAR

Apply 4 lbs (3.2 lbs ai) per acre in the spring from March through May. In the Far West, apply 4 lbs (3.2 lbs ai) per acre to weeds less than 2 inches in height or diameter under dormant trees. Alternatively, apply to small weeds at 2 lbs (1.6 lbs ai) per acre postharvest followed by 2 lbs (1.6 lbs ai) per acre prior to budbreak.

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 150 days.
- Use only under trees established in the orchard for at least 1 year.
- **DO NOT** treat varieties grafted on full-dwarf root stocks.

PECAN

Use Tide Diuron 80WDG alone or as a tank mix with Sinbar (Terbacil; EPA Reg. No. 61842-13). Make a single band or broadcast application as a directed spray using a minimum of 30 gallons of water per acre. Apply in the spring before weeds emerge or during the early seedling stage of growth. Refer to tank mix partner label for use rates and restrictions.

Rate/Acre			
Soil Texture	Tide Diuron 80WDG Alone		Diuron 80 DF Tank Mix
Sandy loam	2 lbs (1.6 lbs ai)	OR	1.5 lbs (1.2 lbs ai)
Loam, Silt loam, Silt	3 lbs (2.4 lbs ai)		1.75 lbs (1.4 lbs ai)
Clay loam, Clay	4 lbs (3.2 lbs ai)		2 lbs (1.6 lbs ai)

RESTRICTIONS:

Sandy loam:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.

Loam, Silt Loam, Silt

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.

Clay loam, Clay

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** use on eroded areas where sub-soil or roots are exposed, nor on trees that are diseased or lacking in vigor, or on trees planted in irrigation furrows as injury may occur.
- When applying alone, use only under trees established in the grove for at least 3 years and on soils with at least 0.5% organic matter.
- When applying as part of a tank mix, use only under trees established in the grove for at least 1 year and on soils with at least 1% organic matter.

PEPPERMINT TOPS

Application Timing: Apply Tide Diuron 80WDG to established (at least one year) stands of mint during the late winter dormant period or after flaming in the spring prior to the emergence of new growth. If weeds are present at time of application, the use of a surfactant at 0.25% v/v or crop oil concentrate at 1.0% v/v may be used to increase the performance of Tide Diuron 80WDG postemergence to weeds.

Tank Mixes and Sequential Treatments: Tide Diuron 80WDG can be applied either alone or in a program involving tank mixes and/or sequential treatments with other herbicides and adjuvants providing Tide Diuron 80WDG is not applied to actively growing mint plant. When using a tank mix with other herbicides, use the lower end of the Tide Diuron 80WDG use rate range unless prior experience indicates it is safe to use higher rates. Tank mixes and sequential treatments with other herbicides can increase the risk of crop injury. When using a certain tank mix or sequential treatment for the first time, limit use to a small area to determine safety before treating large areas. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

RESTRICTIONS:

- **For all states except Washington, Oregon, and Idaho:**
 - **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per application.
 - **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- **In Washington, Oregon, and Idaho only:**
 - Apply Tide Diuron 80WDG at 0.75 to 1 lb (0.6-0.8 lb ai) per acre on soils having 1 to 2% organic matter. Apply Tide Diuron 80WDG at 1 to 2 lbs (0.8-1.6 lbs ai) per acre on soils having 2.1 to 3.0% organic matter. Apply Tide Diuron 80WDG at 2 to 3 lbs (1.6-2.4 lbs ai) per acre on soils having more than 3.0% organic matter.

- **DO NOT** apply more than 3 lbs (2.4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** apply to stands of mint suffering from stress due to low fertility, drought, winter injury, insects, disease, or damage from other herbicides or other causes.
- **DO NOT** apply to snow covered or frozen ground as injury to the crop or poor weed control may result.
- **DO NOT** apply to sand, loamy soil, gravelly soils, or exposed sub-soils.
- **DO NOT** apply to soils that have a high salt content and/or high water table or poor drainage that retards mint root development resulting in a shallow root system.
- **DO NOT** apply to soils having less than 1% organic matter.
- **DO NOT** cultivate after application.

PINEAPPLE

Hawaii: Apply 2 to 6 lbs (1.6-4.8 lbs ai) per acre as a broadcast spray just before or immediately after planting but prior to weed emergence. Use 2 to 4 lbs (1.6-3.2 lbs ai) per acre after harvesting the plant crop or ratoon crop (for the first ratoon crop as well as subsequent ratoon crops) but before differentiation. For plant crop only, additional broadcast or interspace applications may be made prior to differentiation at the rate of 2 lbs (1.6 lbs ai) per acre at intervals of not less than 2 months. Additional applications to plant crop may be made as needed to interspace only using 2 lbs (1.6 lbs ai) per acre. Treated areas may be planted to pineapple or sugarcane 1 year after last application.

RESTRICTIONS:

- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per application.
- **Plant crop only - DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre for retreat applications.
- **DO NOT** apply more than 16 lbs (12.8 lbs ai) total per acre per year.
- **DO NOT** apply more than 12 lbs (9.6 lbs ai) prior to differentiation per acre per year.
- **DO NOT** apply more than 2 applications per year.
- Re-Treatment Interval is 60 days.

Florida: Apply 4 to 6.25 lbs (3.2-5 lbs ai) per acre as a broadcast spray just before or immediately after planting but prior to weed emergence. For ratoon crop use 4 lbs (3.2 lbs ai) per acre after harvesting plant crop. For plant crop only, a second and third broadcast or interspace application may be made prior to differentiation at the rate of 2 lbs (1.6 lbs ai) per acre at intervals of not less than 2 months. Additional applications to plant crop may be made as needed to interspace only using 2 lbs (1.6 lbs ai) per acre. Treated areas may be planted to pineapple or sugarcane 1 year after last application.

RESTRICTIONS:

- **DO NOT** apply more than 6.25 lbs (5 lbs ai) per acre per application.
- **Plant crop only - DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre for retreat applications.
- **DO NOT** apply more than 16 lbs (12.8 lbs ai) total per acre per year.
- **DO NOT** apply more than 12 lbs (9.6 lbs ai) prior to differentiation per acre per year.
- **DO NOT** apply more than 3 applications per year when using reduced application rates.
- Re-Treatment Interval is 60 days.

Puerto Rico: Apply 3.75 to 6.25 lbs (3-5 lbs ai) per acre as a broadcast spray before or immediately after planting but prior to weed emergence. Preemergence application controls weeds, including pigweed, crotalaria, morningglory, purslane, crabgrass, foxtail, goosegrass, fall panicum, and sourgrass.

RESTRICTIONS:

- **DO NOT** apply more than 6.25 lbs (5 lbs ai) preplant/preemergence per acre per application.
- **DO NOT** apply more than 6.25 lbs (5 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.

RED CLOVER

Western Oregon: Make a single application of 2 lbs (1.6 lbs ai) per acre on established red clover stands at least 9 months old. Apply when red clover is dormant between October 15 to December 15. Treatment will control annual weeds, including bluegrass, chickweed, hawksbeard, rattail fescue, ryegrass, and velvetgrass.

RESTRICTIONS:

- Aerial application is prohibited.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** apply to seedling red clover.
- **DO NOT** replant treated area to any crop within 1 year after last application as injury to subsequent crops may result.

SORGHUM (Grain)

Southwestern States: Apply 0.25 to 0.5 lb (0.2-0.4 lb ai) per acre plus surfactant. Apply as a directed postemergence spray after sorghum is 15 inches tall to control weeds 2 to 4 inches in height. Use lower rate on broadleaf weeds up to 2 inches tall. Use the higher rate on grasses up to 2 inches and broadleaf weeds up to 4 inches tall. When the lower rate is used, a second application may be made if needed. Treatment of weeds under drought stress is usually ineffective.

RESTRICTIONS:

- Aerial application is prohibited.
- **DO NOT** apply more than 0.5 lb (0.4 lb ai) per acre per application.
- **DO NOT** apply more than 0.5 lb (0.4 lb ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 30 days.
- **DO NOT SPRAY OVER TOP OF SORGHUM.**
- **DO NOT** replant treated areas to crops other than cotton or corn within 4 months following band treatment and 6 months following broadcast treatment as injury to subsequent crops may result.

SUGARCANE

Tide Diuron 80WDG may be applied as a directed spray (including hooded and shielded spray) in combination with formulations of paraquat. Consult the label of the tank mix partner for rates and timings of application, restrictions, and precautions.

Florida Preemergence: For high organic soils, apply 2 to 4 lbs (1.6-3.2 lbs ai) per acre as a broadcast or band spray prior to weed emergence after planting or after harvesting plant crop (for ratoon crop).

RESTRICTIONS:

- **DO NOT** apply more than 4 lbs (3.2 lbs ai) preemergence per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) preemergence per acre per year.
- **DO NOT** apply more than 1 preemergence application per year.
- **DO NOT** treat sugarcane growing on thinly covered sub-soils or rocky areas as crop injury may result.

Florida Postemergence: Make one or two applications of 2 lbs (1.6 lbs ai) per acre as needed by directed spray inter-row. Alternatively, for panicum control, make up to three applications of 0.5 to 1 lb (0.4-0.8 lb ai) per acre plus surfactant as a directed spray after cane has emerged but before panicum exceeds 2 inches in height. Adjust nozzles to spray beneath cane plants and between rows to cover weed foliage and to minimize contact of cane leaves with spray or drift.

RESTRICTIONS:

- **DO NOT** apply more than 2 lbs (1.6 lbs ai) postemergence per acre per application.
- **DO NOT** apply more than 6 lbs (4.8 lbs ai) postemergence per acre per year.
- **DO NOT** apply more than 3 postemergence applications per year.
- Re-Treatment Interval (RTI) is 30 days.
- **DO NOT** apply more than 6 lbs. (4.8 lbs ai) total per acre between planting (or ratooning) and harvest.
- **DO NOT** treat sugarcane growing on thinly covered sub-soils or rocky areas as crop injury may result.

Hawaii: Apply 2 to 6 lbs (1.6-4.8 lbs ai) per acre as a broadcast spray prior to weed emergence after planting or after harvesting plant crop or ratoon crop. Two sequential applications of 2 to 4 lbs (1.6-3.2 lbs ai) per acre may be made as a broadcast spray over emerged cane or by directed spray inter-row. If weeds

are emerged, add a surfactant and apply as a directed spray. Treated areas may be replanted to sugarcane or pineapple 1 year after last application.

RESTRICTIONS:

- **DO NOT** apply more than 6 lbs (4.8 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre for subsequent applications.
- **DO NOT** apply more than 12 lbs (9.6 lbs ai) per acre per year.
- **DO NOT** apply more than 3 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 30 days.
- **DO NOT** treat sugarcane growing on thinly covered sub-soils or rocky areas as crop injury may result.

Puerto Rico: Apply 4 to 8 lbs (3.2-6.4 lbs ai) per acre as a broadcast spray prior to weed emergence after planting or after harvesting plant crop or ratoon crop. A second and third application of 2 to 4 lbs (1.6-3.2 lbs ai) per acre may be made as a broadcast spray over emerged cane or by directed spray inter-row. If weeds are emerged, add a surfactant and apply as a directed spray. Treated areas may be replanted to sugarcane or pineapple 1 year after last application.

RESTRICTIONS:

- **DO NOT** apply more than 6.25 lbs (5 lbs ai) per acre per application.
- **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre for subsequent applications.
- **DO NOT** apply more than 10 lbs (8 lbs ai) per acre per year.
- **DO NOT** apply more than 3 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 30 days.
- **DO NOT** treat sugarcane growing on thinly covered sub-soils or rocky areas as crop injury may result.

Louisiana, Texas: Apply at 3 to 3.75 lbs (2.4-3 lbs ai) per acre. Tide Diuron 80WDG may be applied as a broadcast spray after planting and following the harvesting of sugarcane. Tide Diuron 80WDG may also be applied broadcast in late winter. Application is best when made prior to weed emergence. Tide Diuron 80WDG may be applied as a post-directed spray immediately after the last cultivation. Direct the spray application to the base (no more than 1/3 the plant height) of the sugarcane plants. When small weeds (3 inches or less) are present at application, add a surfactant at 0.25% v/v or crop oil concentrate at 1.0% v/v to the spray mix.

RESTRICTIONS:

- **DO NOT** apply more than 3.75 lbs (3 lbs ai) per acre per application.
- **DO NOT** apply more than 3.75 lbs (3 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** treat sugarcane growing on thinly covered sub-soils or rocky areas as crop injury may result.

PRECAUTIONS: Temporary leaf yellowing may occur following application. Use proportionately less for band applications. To prevent possible crop injury on new cane varieties, test resistance to Tide Diuron 80WDG prior to adoption as a field practice. Temporary chlorosis and stunting of the crop may result from application over emerged cane. Application over emerged cane may be made only as directed above, without the addition of a surfactant or crop oil concentrate. To minimize chlorosis and stunting, use directed postemergence sprays.

TREE PLANTINGS

Colorado, Montana, Nebraska, North Dakota, South Dakota, Wyoming: Use only under established plantings 1 year or older of American elm, caragana, cottonwood, Douglas fir, green ash, honeysuckle, Ponderosa pine, red cedar, Russian olive, and Siberian elm. Use 2.5 to 5 lbs (2-4 lbs ai) per acre. Apply as a band 4 feet wide in the tree row (2 feet on each side of row). For example, 1 ounce Tide Diuron 80WDG treats 135 feet of tree row (2 feet on each side of row) at the rate of 5 lbs (4 lbs ai) per acre. Apply as a directed spray in early spring before weeds emerge and before trees leaf out.

RESTRICTIONS:

- **DO NOT** apply more than 5 lbs (4 lbs ai) per acre per application.
- **DO NOT** apply more than 5 lbs (4 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** apply to foliage of trees nor under trees growing in low areas as injury may result.
- Use only under established plantings 1 year or older.

Idaho, Oregon, Washington: Tide Diuron 80WDG is for control of weeds to aid in the establishment of hybrid poplar plantings. Apply at 1 to 3 lbs (0.8-2.4 lbs ai) per acre depending upon soil texture and organic matter content. Use 1 to 2 lbs (0.8-1.6 lbs ai) per acre on coarse-textured soils and 2 to 3 lbs (1.6-2.4 lbs ai) per acre on medium- to fine-textured soils. Injury may result from applications to poplar plantings grown on sandy soil with low organic matter with sprinkler irrigation. When applied in a band, the application rate will be in proportion to the area banded on a per acre basis. Apply in late winter or early spring as a uniform broadcast spray before or after planting but prior to bud swell, or as a directed spray after bud swell. Apply before weeds emerge or after emergence while weeds are small. Some rainfall or water is necessary to move Tide Diuron 80WDG into the weed root zone before weeds become well established. If weeds are present at time of treatment, add a surfactant at 1 to 2 quarts per 100 gallons of spray solution.

RESTRICTIONS:

- Apply at 1 to 3 lbs (0.8-2.4 lbs ai) per acre depending upon soil texture and organic matter content. Use 1 to 2 lbs (0.8-1.6 lbs ai) per acre on coarse-textured soils and 2 to 3 lbs (1.6-2.4 lbs ai) per acre on medium- to fine-textured soils.
- **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year on coarse-textured soils or 3 lbs (2.4 lbs ai) per acre per year on medium- to fine-textured soils.
- **DO NOT** apply more than 1 application per year.
- **DO NOT** use on gravelly soils or on any soil having less than 0.5% organic matter as injury to trees may result.

PREPLANT: Take precautions to prevent treated soil (usually top 1 inch) from coming into contact with roots of trees during the planting process as injury may result.

POST-PLANT (BROADCAST): It is best to wait until rain or irrigation has settled the soil around the newly planted trees before applying Tide Diuron 80WDG. If trees are dormant, a broadcast application can be made.

POST-PLANT (DIRECTED): If buds have started to swell, use a directed spray pattern that prevents Tide Diuron 80WDG from contact with trees as injury may result. During the growing season (from bud swell to leaf drop), Tide Diuron 80WDG may be applied (alone or with tank mix) between tree rows in shielded and directed sprays. Tide Diuron 80WDG can be tank mixed with a glyphosate herbicide pre-plant and as a directed spray to broaden the spectrum of weeds controlled and improve post-emergence activity. Use 1 to 3 lbs (0.8-2.4 lbs ai) Tide Diuron 80WDG plus glyphosate herbicide (according to label specifications) depending upon soil type and weeds to be controlled. **Note:** There are several formulations of glyphosate herbicide. Check the glyphosate herbicide label to verify that the intended use as a pre-plant or post-directed spray on hybrid poplar plantations is allowed. Avoid contact of glyphosate herbicide with foliage, green stems, trees, or other desirable vegetation because severe damage or destruction may result.

WALNUT (ENGLISH)

California, Oregon, Washington: As an initial treatment, apply 2.75 lbs (2.2 lbs ai) per acre after the orchard has been laid-up in final form (non-tillage program) in late fall or early winter. Retreat annually with 2 to 2.75 lbs (1.6-2.2 lbs ai) per acre. In California, apply 2 to 3.75 lbs (1.6-3 lbs ai) per acre. Alternatively, apply 2 lbs (1.6 lbs ai) per acre in October or November and repeat at the same rate in March or April.

RESTRICTIONS:

- In Oregon and Washington, **DO NOT** apply more than 2.75 lbs (2.2 lbs ai) per acre per application.
- In California, **DO NOT** apply more than 3.75 lbs (3 lbs ai) per acre per application.
- In Oregon and Washington, **DO NOT** apply more than 4 lbs (3.2 lbs ai) per acre per year.
- In California, **DO NOT** apply more than 3.75 lbs (3 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 150 days.
- **DO NOT** use on sand, loamy sand, gravelly soils, or exposed sub-soils, nor where organic matter is less than 1%.
- **DO NOT** graze livestock in treated orchards and groves.
- Use only under trees established in the orchard for at least 1 year.

WHEAT (WINTER)

Idaho, Oregon and Washington-East of Cascade Range: Where average annual rainfall exceeds 16 inches, make a single application of 1 to 1.5 lbs (0.8-1.2 lbs ai) per acre.

Oregon, Washington-West of Cascade Range: Make a single application of 1.5 to 2 lbs (1.2-1.6 lbs ai) per acre as soon as possible after planting. If wheat and weeds have emerged, apply before weeds are 3 to 4 inches tall. Alternatively, apply a tank mixture of Tide Diuron 80WDG plus bromoxynil as detailed for "East of Cascade Range".

Other Areas of Oregon and Washington: Make a single application in the spring as soon as wheat (fall-planted) starts to grow and before weeds are 2 inches tall. Application later than May 1 may give poor results.

Kansas, Oklahoma, and Texas: Use 1 lb (0.8 lb ai) per acre on silt and silt loam soils and 1.5 to 2 lbs (1.2-1.6 lbs ai) per acre on clay, clay loam, and silty clay loam soils.

Central Plains, Midwest: Use 1 to 2 lbs (0.8-1.6 lbs ai) per acre.

Northeast: Use 1 to 1.5 lbs (0.8-1.2 lbs ai) per acre.

FALL TREATMENT: For early fall planted wheat (seeded before September 10), apply 3 to 6 weeks after planting but before weeds are 3 to 4 inches tall. Treatment after October 1 has given best results.

SPRING TREATMENT: Apply as soon as wheat starts to grow. Treatment made prior to April 10 will usually give good results provided weed growth is less than 4 inches tall. Application later than May 1 may give poor results. Alternatively, make a single application of 0.5 to 1 lb (0.4-0.8 lb ai) Tide Diuron 80WDG per acre plus bromoxynil as a tank mixture in either the fall after wheat has emerged but before soil freezes or in the spring as soon as soil thaws. Apply before weeds are more than 2 inches tall or across. Where average annual rainfall is 10 to 16 inches following fall planting, make a single application of 1 to 1.5 lbs (0.8-1.2 lbs ai) per acre when sufficient moisture is available to germinate wheat seed. Apply before soil freezes and weeds are 2 inches tall. Application later than March 1 may give poor results. If fall-planted wheat fails to grow due to winter kill or adverse growing conditions after fall treatment, only fields treated before November 1 may be replanted to spring wheat.

PRECAUTIONS: Crop injury may result where severe winter stress, disease, or insect damage follows application. Winter-sensitive varieties may be less resistant of Tide Diuron 80WDG than winter-hardy varieties.

RESTRICTIONS:

- In the Northeast and Idaho, Oregon and Washington-East of Cascade Range, **DO NOT** apply more than 1.5 lbs (1.2 lbs ai) per acre per application.
- All other areas except those listed above, **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per application.
- In the Northeast and Idaho, Oregon and Washington-East of Cascade Range, **DO NOT** apply more than 1.5 lbs (1.2 lbs ai) per acre per year.
- In all other areas except those listed in the preceding bullet point, **DO NOT** apply more than 2 lbs (1.6 lbs ai) per acre per year.
- **DO NOT** apply more than 1 application per year.
- In Kansas, Oklahoma, and Texas, **DO NOT** use on sand or sandy loam soils.
- **DO NOT** use on sand or loamy sand soils, nor on gravelly or sandy loams with less than 1% organic matter.
- **DO NOT** use on thinly covered or exposed sub-soil area (clay knolls).
- **DO NOT** treat wheat planted less than 1 inch deep.
- **DO NOT** treat wheat where winter climatic conditions have caused "heaving" of plants.
- **DO NOT** treat wheat plants lacking in vigor due to poor emergence, insect damage, disease, high alkalinity or other causes.
- **DO NOT** apply after wheat has reached the "boot" stage of maturity.
- Unless specified otherwise, **DO NOT** use with surfactants or nitrogen solution.
- **DO NOT** replant treated areas to any other crop within 1 year after last treatment (except as noted) as injury to subsequent crops may result.

- **DO NOT** make a second application during the same crop year or injury to the crop may result.
- For fall treatment, **DO NOT** make applications after soil freezes in the fall.
- **DO NOT** treat wheat planted in late October until the following spring.
- For spring treatment, **DO NOT** plant spring wheat before April 1 and only after deep discing and plowing to a depth of 4 to 6 inches prior to planting.

NON-AGRICULTURAL USES NON-CROP WEED CONTROL

Tide Diuron 80WDG is an effective herbicide for the control of listed weeds. The degree of control and duration of effect will vary with amount of chemical applied, soil texture, rainfall, and other conditions.

Tide Diuron 80WDG may be used as a preemergence treatment at any time of the year except when ground is frozen provided adequate moisture is supplied by rainfall or artificial means to activate the herbicide. Best results are obtained if applied shortly before weed growth begins. If dense growth is present, remove tops and spray the ground. Increased contact activity on established weeds may be obtained by the addition of a non-ionic surfactant. Apply as a drenching spray to actively growing weeds during warm weather when daily temperature will exceed 70°F.

Use a fixed-boom power sprayer properly calibrated to insure a constant rate of application. Mix proper amount of Tide Diuron 80WDG into volume of water necessary to obtain uniform coverage. If a surfactant is used, dilute with 10 parts of water and add as last ingredient to nearly full tank. Tide Diuron 80WDG must be kept in suspension at all times. Agitate by mechanical or hydraulic means in the spray tank. If bypass or return line is used, ensure it terminates at bottom of tank to minimize foaming. Openings in screens must be equal to or larger than 50 mesh.

Note: Tide Diuron 80WDG may be applied by either ground application equipment or by air application equipment (helicopter only) for the control of various weeds and grasses in rights-of-way sites. When making aerial applications, apply in sufficient water volume to ensure thorough coverage of the site to be treated; 5 to 15 gallons of water per acre are sufficient.

Weed Control: To control most annual weeds for an extended period of time on uncultivated nonagricultural areas (including airports, highway, utility and railroad rights-of-way including switch yards and storage yards, sewage disposal areas); uncultivated agricultural areas (non-crop producing, which includes farmyards, fuel storage areas, fence rows, barrier strips); industrial sites (outdoor, including, lumberyards, pipeline and tank farms), apply 5 to 15 lbs (4-12 lbs ai) per acre to control most annual weeds.

Irrigation and drainage ditches: Apply 5 to 15 lbs (4-12 lbs ai) per acre to control most annual weeds as shown below. Apply only when water is not in the ditch. For irrigation ditches, apply during the non-crop season, and when ditch is not in use. To avoid crop injury, it is essential to minimize movement of Tide Diuron 80WDG in irrigation water. The herbicide must be fixed in the soil by moisture. Apply before expected seasonal rainfall, if possible when soil in the ditch is still moist. Following treatment, if rainfall has not totaled at least 4 inches, fill ditch with water and allow to stand for 72 hours. Drain off any waste water remaining before using ditch.

Dry Application: Tide Diuron 80WDG may be applied dry for control of the listed weeds on uncultivated nonagricultural areas (including airports, highway, utility and railroad rights-of-way including switch yards and storage yards, sewage disposal areas); uncultivated agricultural areas (non-crop producing, which includes farmyards, fuel storage areas, fence rows, barrier strips); industrial sites (outdoor, including, lumberyards, pipeline and tank farms). Apply Tide Diuron 80WDG granules using dry application (ground) equipment to distribute the granules uniformly to the target area.

Broadleaves**5 to 15 lbs (4-12 lbs ai) per Acre**

Ageratum	Knawel	Ragweed
Chickweed	Kochia	Sesbania
Cocklebur	Lambsquarter	Shepherdspurse
Corn Speedwell	Marigold	Sicklepod
Corn Spurry	Mexican Clover	Smartweed, Annual
Dayflower	Morningglory, Annual	Sowthistle, Annual
Dogfennel	Pennycress	Spanishneedles
Fiddleneck (Amsinckia)	Pigweed	Tansymustard
Flora's Paintbrush	Pineappleweed	Velvetleaf (Buttonweed)
Gromwell	Pokeweed	Wild Buckwheat
Groundcherry, Annual	Prickly Lettuce	Wild Lettuce
Hawksbeard	Prickly Sida (Teaweed)	Wild Mustard
Horsenettle	Purslane	Wild Radish
Horseweed	Rabbit Tobacco	

Grasses**5 to 8 lbs (4-6.4 lbs ai) per Acre**

Barnyardgrass (Watergrass)	Orchardgrass	Ryegrass, Annual
Bluegrass, Annual	Peppergrass	Sandbur
Crabgrass	Quackgrass	Seedling, Johnsongrass
Foxtail	Rattail Fescue	Velvetgrass
Kyllinger (Kyllinga)	Red Sprangletop	Vernalgrass, Sweet, Annual
Lovegrass, Annual	Ricegrass	

8 to 15 lbs (6.4-12 lbs ai) per Acre

Guineagrass	Maidencane	Pangolagrass
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RESTRICTIONS:

- **DO NOT** apply more than 10 lbs (8 lbs ai) per acre per application, except in areas of high rainfall (more than 40 inches per year) or dense vegetation (more than 90% weed ground cover).
- In areas of high rainfall (more than 40 inches per year) or dense vegetation (more than 90% weed ground cover), **DO NOT** apply more than 15 lbs (12 lbs ai) per acre per application.
- **DO NOT** apply more than 15 lbs (12 lbs ai) per acre per year.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.
- Re-Treatment Interval (RTI) is 90 days.
- For irrigation and drainage ditches, **DO NOT** treat any ditch area into which roots of trees or other desirable plants may extend as injury may result.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product in original container only, away from other pesticides, fertilizer, food, or feed.

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

CONTAINER HANDLING:

[Non-refillable non-rigid container:] Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or by other procedures approved by state and local authorities.

[Non-refillable fiber drum with liner:] Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Tide International, USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Tide International, USA, Inc., and Buyer and User assumes the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, TIDE INTERNATIONAL, USA, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product in the event of ineffectiveness or other unintended consequences that may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Tide International, USA, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Tide International, USA, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, in no event shall Tide International, USA, Inc. or Seller be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER AND BUYER, AND THE EXCLUSIVE LIABILITY OF TIDE INTERNATIONAL, USA, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE, AT THE ELECTION OF TIDE INTERNATIONAL, USA, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT, OR COMPENSATION LIMITED TO DAMAGES NOT EXCEEDING THE FAIR MARKET PURCHASE PRICE, AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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[EPA APPROVAL DATE]