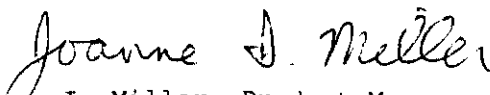
	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) Ariel Rios Building 1200 Pennsylvania Ave. NW Washington, D.C. 20460	EPA Reg. Number: 59639-110	Date of Issuance: OCT 3 2003
		Term of Issuance: Conditional	
		Name of Pesticide Product: S-3153 WDG Herbicide	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): Valent U.S.A. Corporation 1333 North California Blvd. Suite 600 Walnut Creek, CA 94596-8025			
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/reregistered 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:			
1. Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data.			
2. Revise the EPA Registration Number to read: "EPA Registration Number 59639-110".			
3. Add the following statement to the label:			
This pesticide is toxic to vascular plants and should be used strictly in accordance with the draft precautions on this label in order to minimize off-site exposures.			
Signature of Approving Official:  Joanne I. Miller, Product Manager 23 Herbicide Branch, Registration Division		Date: OCT 3 2003	

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4. Add the following "Spray Drift Management Statement":

Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption can occur.

Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. For ground boom and aerial applications, use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles.

Make aerial or ground applications when the wind velocity favors on-target product deposition. Apply only when the wind speed is less than or equal to 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

Do not make aerial or ground applications into areas of temperature inversions. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.

5. Submit the following data within 1-year of the date of this registration notice:

Additional storage stability data for the metabolite S-3153 acid-4-OH in field corn and stover.

A confirmatory method for residues of flufenpyr-ethyl in/or on corn, soybeans, sugarcane raw agricultural commodities (RACs). If the confirmatory method does not utilize a mass-selective detector (MSD), then an interference study will be required.

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Storage stability and corrosion characteristics data (GLN 830.6317 and 830.6320, respectively) for this product.

6. Submit one (1) copy of the revised final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505C)

Enclosures: Stamped copy of label

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S-3153 WDG HERBICIDE

Active Ingredient	By Wt.
Flufenpyr-ethyl (ISO name pending)	
Acetic acid, [2-chloro-4-fluoro-5-(5-methyl-6-oxo-4-(trifluoromethyl)-1(6H)-pyridazinyl)phenoxy]-, ethyl ester	57.6%
Other Ingredients	42.4%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS 1 POUND

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 3 2003

Under the Federal Insecticide,
Fungicide, and Herbicide Act
as amended, for the pesticide
registered under EPA Reg. No.

59639-110

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Causes moderate eye irritation. Avoid contact with eyes, clothing or skin. Avoid breathing dust. Harmful if inhaled, swallowed or absorbed through skin.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have a 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 to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **Emergency Information - call 1-800-892-0099.**

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt and long pants, socks plus shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. 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 or other sensitive areas may be exposed to spray drift. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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 agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry interval.

Do not enter or allow workers 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, waterproof gloves, and socks plus shoes.

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**DISCLAIMER, RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR 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 THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

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GENERAL INFORMATION

S-3153 WDG Herbicides a selective herbicide for postemergence control of susceptible broadleaf weeds in field corn, soybeans and sugarcane.

GENERAL RESTRICTIONS AND LIMITATIONS

Do not apply this product through any type of irrigation system.

Do not make more than two applications per acre per season.

Sequential applications of S-3153 WDG Herbicide should be made at least 14 days apart.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL PERFORMANCE

For best results, S-3153 WDG Herbicide should be applied to actively growing weeds within the growth stages indicated in this label. Applying S-3153 WDG Herbicide under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply S-3153 WDG Herbicide when the crop or weeds are under stress due to drought, excessive water, extremes in temperature, disease, or low humidity. Weeds under stress tend to become less susceptible to herbicidal action. S-3153 WDG Herbicide is most effective when applied under sunny conditions at temperatures above 70°F.

RAINFASTNESS

S-3153 WDG Herbicide is rainfast two hours after application. Applications should not be made if rain is expected within two hour of application or efficacy may be reduced.

CARRIER VOLUME AND SPRAY PRESSURE

Use S-3153 WDG Herbicide on a broadcast basis in a minimum of 15 gallons of water per acre and a spray pressure of 30 to 50 PSI measured at the spray nozzle. If weed populations are moderate to heavy and/or weeds are approaching maximum labeled size and/or crop canopy is dense, use a minimum of 20 GPA of water and a spray pressure of 40 PSI. Nozzle selection should meet manufactures gallonage and pressure recommendation for postemergence herbicide application.

ADDITIVES

Control of weeds by S-3153 WDG Herbicide requires the addition of an agronomically approved adjuvant to the spray mixture. Either a crop oil concentrate or methylated seed oil, which contains at least 15% emulsifiers and 80% oil, may be used when applying S-3153 WDG Herbicide. S-3153 WDG Herbicide must be applied with 1 to 2 pts./A of crop oil concentrate or methylated seed oil. Use 2 pts./A when weeds reach the maximum labeled height and /or relative humidity is low. Certain tank mixes require the use of a non-ionic surfactant. Non-ionic surfactants must contain at least 80% active ingredient and must be EPA approved for use on food crops. Mixing compatibility qualities should be verified by a jar test.

A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lb./A or a 28 to 32% nitrogen solution at 1 to 2 qt./A) may be added to the spray mixture along with either a crop oil concentrate or methylated seed oil to enhance weed control. The addition of a nitrogen source does not replace the need for crop oil concentrate, methylated seed oil, or non-ionic surfactant.

JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND S-3153 WDG Herbicide

A jar test should be performed before mixing commercial quantities of S-3153 WDG Herbicide when using S-3153 WDG Herbicide for the first time, when using new adjuvants, or when a new water source is being used.

1. Add 1 pt. of water to a quart jar. The water should be from the same source and temperature as which will be used in the spray tank mixing operation.
2. Add 0.5 gms of S-3153 WDG Herbicide (approximately 40 granules) to quart jar, gently mix until product dissolves.
3. Add 6 ml (1 tsp.) of the crop oil or methylated seed oil to the quart jar, gently mix. If a non-ionic surfactant is being used in a tank mix, add 2.5 ml (0.3 tsp.) of the non-ionic surfactant in place of the oil.

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4. If nitrogen is being used, add 16 ml (1 tbsp. or 0.5 oz.) of the 28 to 32% nitrogen source to the quart jar. If ammonium sulfate is being used, add 19 gms ASM to the quart jar in place of the 28 to 32% nitrogen.
5. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
6. An ideal tank mix combination will be uniform and free of suspended particles. If any of the following conditions are observed the choice of adjuvant should be questioned:
 - a. Layer of oil or globules on the mixture's surface.
 - b. Flocculation: fine particles in suspension or as a layer on the bottom of the jar.
 - c. Clabbering: Thickening texture (coagulated) like gelatin.

SPRAYER PREPARATION AND CLEANUP

Before applying S-3153 WDG Herbicide, start with clean, well maintained application equipment. The spray tank, as well as all hoses, and booms, should be cleaned to ensure no residue from the previous spraying operation remain in the sprayer. Some pesticides, including the sulfonylurea and phenoxy herbicides, are active at very small amounts and can cause crop injury when applied to susceptible crops. The spray equipment should be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply S-3153 WDG Herbicide.

After S-3153 WDG Herbicide is applied, the following steps should be used to clean the spray equipment:

1. Drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank.
2. Fill the spray tank with clean water and flush all hoses, booms and nozzles.
3. Top off tank, add 1 gal. of 3% household ammonia for every 100 gals. of water, circulate through sprayer for 5 minutes, and then flush all hoses, booms, and nozzles.
4. Drain tank.
5. Remove all nozzles and screens and rinse then in clean water.

MIXING INSTRUCTIONS

1. Fill clean spray tank 1/3 to 1/2 of desired level with clean water.
2. While agitating, add the required amount of S-3153 WDG Herbicide. Agitation should create a rippling or rolling action on the water surface. If tank mixing S-3153 WDG Herbicide with other labeled herbicides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates, and then solutions. Prepare no more spray mixture than is required for the immediate spray operation.
3. Add any required adjuvants.
4. Add any required nitrogen source, unless ammonium sulfate (AMS) is being used. IF AMS is being used as the nitrogen source, it should be added after water-soluble bags and before dry herbicides.
5. Fill spray tank to desired level with water. Agitation should continue until spray solution has been applied.
6. Mix only the amount of spray solution which can be applied the day of mixing. S-3153 WDG Herbicide will remain active in the spray solution for 12 hours.

APPLICATION EQUIPMENT

Application equipment should be clean and in good repair. Nozzles should be uniformly spaced on boom and frequently checked for accuracy.

BROADCAST APPLICATION

Apply S-3153 WDG Herbicide, and S-3153 WDG Herbicide tank mixes, with ground equipment using standard commercial sprayers equipped with flat fan (including split-nozzle systems which spray in opposite directions) or hollow cone nozzles designed to deliver the desired spray pressure and spray volume. **Do not use flood nozzles.** Thorough weed coverage is required for optimum control. Special attention should be given to preparing and operating the spray equipment to assure proper coverage of weed foliage.

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BAND APPLICATION

When banding, use proportionately less water and S-3153 WDG Herbicide per acre. Banding equipment should be adjusted to provide maximum coverage of weeds in the row. A minimum of two nozzles per row is required to provide optimum coverage of weed foliage.

AERIAL APPLICATION

To obtain satisfactory weed control with aerial application of S-3153 WDG Herbicide and S-3153 WDG Herbicide tank mixes, uniform coverage must be obtained. Do not spray when drift is possible or when wind velocity is more than 10 m.p.h. Avoid spraying S-3153 WDG Herbicide within 200 ft. of dwellings or adjacent sensitive crops or environmentally sensitive areas. To obtain satisfactory application and drift, the following directions must be observed:

Volume and Pressure

Use S-3153 WDG Herbicide in 7 to 10 gals. of water per acre and a maximum spray pressure of 40 PSI. Application at less than 7 gals. per acre will provide inadequate control. The higher gallonage applications generally afford more consistent weed control.

Nozzle and Nozzle Orientation

Use nozzles which produce flat or hollow cone spray patterns. Use non-drip type nozzles, such as diaphragm-type nozzles to avoid unwanted discharge of spray solution. The nozzles must be directed toward the rear of the aircraft, at an angle between 0 and 15° downward. Do not place nozzles on the outer 25% of the wings or rotors.

Crop Oil Concentrate

With aerial applications, the use of crop oil concentrate at the rate of 1% v/v of the spray solution is recommended under most conditions.

In dry conditions, the use of crop oil concentrate at 2% v/v is recommended.

APPLICATION AND CULTIVATION

Do not cultivate prior to or during application. Do not generate excessive dust while spraying. Excessively dusty conditions may interfere with the coverage of the weed leaf surface by the spray solution. A timely cultivation approximately one week after application will assist in weed control.

SEQUENTIAL APPLICATIONS

A sequential application of S-3153 WDG Herbicide can be made after a minimum of 14 days have passed following the first application of S-3153 WDG Herbicide to control new flushes of susceptible weeds.

CROP FAILURE

If the crop treated with S-3153 WDG Herbicide is lost due to a catastrophe, such as hail or other forms of violent weather, soybeans, cotton, corn, grain sorghum, oats, wheat, barley, rice, or rye can be replanted 28 days after the S-3153 WDG Herbicide application provided the soil has been cultivated prior to replanting. Crops other than those listed here should not be planted in fields treated with S-3153 WDG Herbicide within 3 months following the S-3153 WDG Herbicide application.

ROTATIONAL RESTRICTIONS

Crops planted the season following an S-3153 WDG Herbicide application are not adversely affected by S-3153 WDG Herbicide. As a precautionary measure, a soil bioassay should be performed before planting small seeded vegetable crops the year following an S-3153 WDG Herbicide application.

APPLICATION RATE

Apply 3/4 oz./A of product per acre to control emerged weeds listed in Table 1.

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Table 1. S-3153 WDG Herbicide Rates and Weed Sizes for Broadcast and Post Directed Application

WEEDS CONTROLLED		APPLICATION RATE 3/4 OZ./A
COMMON NAME	SCIENTIFIC NAME	MAXIMUM HEIGHT (INCHES)
Bindweed, Field ⁽¹⁾	<i>Convolvulus arvensis</i>	Up to 12" Runners
Bindweed, Hedge ⁽¹⁾	<i>Calystegia hederacea</i>	Up to 12" Runners
Dayflower, Common	<i>Commelina spp.</i>	5
Flatsedge, Rice	<i>Cyperus iria</i>	5
Hemp Sesbania	<i>Sesbania exaltata</i>	5
Jimsonweed	<i>Datura stramonium</i>	5
Lambsquarters, Common ⁽¹⁾	<i>Chenopodium album</i>	2
Momingglory		
Entireleaf	<i>Ipomea hederacea var. integruscula</i>	10
Ivyleaf	<i>Ipomoea hederacea</i>	10
Pitted	<i>Ipomoea lacunosa</i>	2
Tall	<i>Ipomoea purpurea</i>	7
Palmer Amaranth	<i>Amaranthus palmeri</i>	2
Pigweed		
Prostrate	<i>Amaranthus blitoides</i>	2
Redroot	<i>Amaranthus retroflexus</i>	2
Smooth	<i>Amaranthus hybridus</i>	2
Purslane, Common	<i>Portulaca oleracea</i>	3
Waterhemp		
Common	<i>Amaranthus rudis</i>	2
Tall	<i>Amaranthus tuberculatus</i>	2
Velvetleaf	<i>Abutilon theophrasti</i>	10

Adjuvant: S-3153 WDG Herbicide must be applied with 1 to 2 pts./A of crop oil concentrate or methylated seed oil. Use 2 pts./A when weeds reach the maximum labeled height and/or relative humidity is low. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28% to 32% nitrogen solution at 1 to 2 qts./A) may be added to enhance weed control.

⁽¹⁾ Suppression only

DIRECTIONS FOR USE IN FIELD CORN

USE RESTRICTIONS FOR S-3153 WDG HERBICIDE APPLIED TO FIELD CORN

Do not apply S-3153 WDG Herbicide to field corn before the 2-leaf or after the 10-leaf stage.
 Do not apply more than 3/4 oz./A of S-3153 WDG Herbicide in a single application or more than a total of 1.5 oz./A to field corn during a single growing season.
 Do not graze animals on green forage or use as feed less than 28 days after S-3153 WDG Herbicide application.

GENERAL INFORMATION

S-3153 WDG Herbicide can be used on field corn grown for commercial seed production. However, do not apply S-3153 WDG Herbicide to seed corn without first verifying with your seed corn supplier the S-3153 WDG Herbicide selectivity on your inbred line. This precaution will help avoid potential injury on sensitive varieties. Use on inbred lines or other genetic material used in a breeding program is done at the sole risk of the user.

TIMING TO FIELD CORN

S-3153 WDG Herbicide may be applied to field corn from the 2-leaf through the 10-leaf stage. Determine the leaf stage of corn by counting only those leaves with leaf collars visible. A temporary crop response may be observed following a postemergence broadcast application of S-3153 WDG Herbicide. Corn leaves which are open at the time of application may show some burn or spotting. Corn quickly outgrows all initial herbicide effects. When S-3153 WDG Herbicide is used as directed, corn yield will not be adversely affected.

TIMING TO WEEDS

Identify weed species as early as possible. Recommended rates, weed species and maximum weed size for effective control with S-3153 WDG Herbicide as a stand-alone broadcast application and post-directed application are indicated in Table 1. Recommended tank mixes are listed in Table 2. A cultivation may be necessary if all weeds are not controlled.

DROP NOZZLE APPLICATIONS

Drop nozzle application should be made after corn has reached a sufficient height of the spray to be directed beneath the corn leaves or when corn leaves prevent proper spray coverage of weeds. When making a drop nozzle application, the rate of crop oil concentrate is used, care must be taken to minimize exposure of corn leaves to the spray. Do not apply S-3153 WDG Herbicide directly into the corn whorl when making a post directed application. When making drop nozzle application, COC is required at 1 qt. per acre.

APPLICATION INFORMATION FOR TANK MIXES IN FIELD CORN

Apply S-3153 WDG Herbicide at 3/4 oz./A to control the weeds listed in Table 1. To control additional weeds in field corn, S-3153 WDG Herbicide may be tank mixed with approved herbicides. Approved tank mix herbicides are indicated in Table 2. For best results, S-3153 WDG Herbicide tank mix applications should be made to actively growing weeds. Do not apply S-3153 WDG Herbicide tank mixes during periods when corn and/or weeds are under stress or when conditions do not favor active weed growth. For maximum control, weeds must receive thorough spray coverage.

Refer to tank mix partner's label for adjuvant recommendation.

Crop response from S-3153 WDG Herbicide tank mix applications may be greater than that occurring from S-3153 WDG Herbicide applied alone. Crop response from S-3153 WDG Herbicide is temporary and does not adversely affect crop yield when applied following label use directions.

Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. S-3153 WDG Herbicide, when applied according to label use directions, will control the weeds listed in Table 1. This label makes no claims concerning control of other weed species.

Table 2. S-3153 WDG Herbicide Tank Mix Combination for Use in Field Corn

2,4-D AMINE ACCENT® ATRAZINE BANVEL® ⁽¹⁾ BEACON® BROMOXYNIL BUCTRIL®	CELEBRITY® CLARITY® ⁽¹⁾ EXCEED® GLYPHOSATE ⁽²⁾ HORNET® LADDOK®	LIBERTY® ⁽³⁾ LIGHTNING® ⁽⁴⁾ MARKSMAN® NORTHSTAR® PERMIT® POAST® ⁽⁵⁾	POAST PLUS® ⁽⁵⁾ PURSUIT® ⁽⁴⁾ ROUNDUP ORIGINAL® ⁽²⁾ ROUNDUP ULTRA MAX® ⁽²⁾ SPIRIT® STINGER®
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⁽¹⁾ COC may be used at 1 pt./A when BANVEL/CLARITY are used at the 4 fl. oz./A rate.

⁽²⁾ Use only on varieties legally designated as "ROUNDUP READY".

⁽³⁾ Use only on varieties legally designated as "LIBERTY LINK".

⁽⁴⁾ Use only on varieties legally designated as "CLEARFIELD®".

⁽⁵⁾ Use only on varieties legally designated as "SR®".

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ADDED VELVETLEAF CONTROL IN FIELD CORN TANK MIXES

Tank mix S-3153 WDG Herbicide at 1/4 oz./A to any of the tank mix partners listed in Table 2 (with the exception of POAST, POAST PLUS and STINGER) to control velvetleaf up to 6 inches in height. S-3153 WDG Herbicide may be added to any labeled two and three-way tank mix of products listed in Table 2 for enhanced velvetleaf control. Refer to tank mix partner's label for adjuvant recommendation.

ADDED MORNINGGLORY CONTROL IN FIELD CORN TANK MIXES

Tank mix Tank mix S-3153 WDG Herbicide at 1/2 oz./A to any of the tank mix partners listed in Table 2 (with the exception of POAST, POAST PLUS and STINGER) to control tall, entireleaf, or ivyleaf morningglories up to 6 inches in length and pitted morningglory up to 3 inches in length. S-3153 WDG Herbicide may be added to any labeled two and three-way tank mix of products listed in Table 2 for enhanced morningglory control. Refer to tank mix partner's label for adjuvant recommendation.

ROUNDUP READY PROGRAM IN FIELD CORN

S-3153 WDG Herbicide can be added to glyphosate containing products for increased control of velvetleaf and morningglories. Refer to Table 3 for product and rate recommendations. Refer to tank mix partner's label for adjuvant recommendation.

Table 3. S-3153 WDG Herbicide Tank Mixes in ROUNDUP READY⁽¹⁾ Systems

		S-3153 WDG HERBICIDE RATES AND WEED HEIGHTS		
		VELVETLEAF	TALL, ENTIRELEAF AND IVYLEAF MORNINGGLORIES	PITTED MORNINGGLORY
PRODUCT	RATES	1/4 OZ./A	1/2 OZ./A	1/2 OZ./A
GLYPHOSATE	0.75 to 1.5 lbs. ai/A	Up to 6 inches	Up to 6 inches	Up to 3 inches
ROUNDUP ULTRA MAX	1.2 to 1.6 pts./A	Up to 6 inches	Up to 6 inches	Up to 3 inches
ROUNDUP ORIGINAL	1.5 to 2 pts./A	Up to 6 inches	Up to 6 inches	Up to 3 inches

⁽¹⁾ Use only corn legally designated as "ROUNDUP ORIGINAL".

DIRECTIONS FOR USE IN SOYBEANS

USE RESTRICTIONS FOR S-3153 WDG HERBICIDE APPLIED TO SOYBEANS

1. As a broadcast treatment, do not apply more than 1.5 oz./A of S-3153 WDG Herbicide in a single application or more than a total of 1.5 oz./A to soybeans during a single growing season.
2. Do not apply S-3153 WDG Herbicide if rain is expected within 2 hours of application; otherwise unsatisfactory weed control may result.
3. Do not graze animals on green forage or use as feed.
4. Do not apply within 45 days of harvest.
5. Do not utilize hay or straw for animal feed or bedding.

TIMING TO SOYBEANS

S-3153 WDG Herbicide may be applied to soybean from the first trifoliolate until 45 days prior to harvest. A temporary crop response may be observed following a postemergence broadcast application of S-3153 WDG Herbicide. Soybean leaves which are open at the time of application may show some burn or spotting. Soybean quickly outgrows all initial herbicide effects. When S-3153 WDG Herbicide is used as directed, soybean yields will not be adversely affected.

TIMING TO WEEDS

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Identify weed species as early as possible. Recommended rates, weed species and maximum weed size for effective control with S-3153 WDG Herbicide as a stand-alone broadcast application and post-directed application are indicated in Table 1. Recommended tank mixes are listed in Table 3. A cultivation may be necessary if all weeds are not controlled.

Table 4. S-3153 WDG Herbicide Rates and Velvetleaf Sizes for Broadcast Application

WEED CONTROLLED		MAXIMUM HEIGHT (INCHES)			
S-3153 WDG HERBICIDE RATE	SCIENTIFIC NAME	1/2 OZ./A	3/4 OZ./A	1 OZ./A	1-1/2 OZ./A ⁽¹⁾
Velvetleaf	<i>Abutilon theophrasti</i>	6	10	18	24

Adjuvant: S-3153 WDG Herbicide must be applied with 1 to 2 pts./A of an agronomically approved crop oil concentrate or methylated seed oil. A spray grade nitrogen source (either ammonium sulfate at 2.0 to 2.5 lbs./A or 28 to 32% nitrogen solution at 1 to 2 pts./A) may be added to enhance weed control.

⁽¹⁾ Do not apply the 1-1/2 oz./A rate until soybeans are at or past the V5 stage.

APPLICATION INFORMATION FOR TANK MIXES IN SOYBEANS

Apply S-3153 WDG Herbicide at 3/4 oz./A to control the weeds listed in Table 1. To control additional weeds in soybeans, S-3153 WDG Herbicide may be tank mixed with approved herbicides. Approved tank mix herbicides are indicated in Table 3. For best results, S-3153 WDG Herbicide tank mix applications should be made to actively growing weeds. Do not apply S-3153 WDG Herbicide tank mixes during periods when soybeans and/or weeds are under stress or when conditions do not favor active weed growth. For maximum control, weeds must receive thorough spray coverage.

Refer to tank mix partner's label for adjuvant recommendation.

Crop response from S-3153 WDG Herbicide tank mix applications may be greater than that occurring from S-3153 WDG Herbicide applied alone. Crop response from S-3153 WDG Herbicide is temporary and does not adversely effect crop yield when applied following label use directions.

Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. S-3153 WDG Herbicide, when applied according to label use directions, will control the weeds listed in Table 1. This label makes no claims concerning control of other weed species.

Table 5. S-3153 WDG Herbicide Tank Mix Combinations For Use in Soybeans

ASSURE II® BASAGRAN® BLAZER® CLASSIC® COBRA® CONCLUDE® FIRSTRATE® FLEXSTAR®	FUSILADE DX® FUSION® GALAXY® GLYPHOSATE ⁽¹⁾ LIBERTY ⁽²⁾ MANIFEST® PINNACLE®	POAST POAST PLUS PURSUIT RAPTOR® REFLEX® RELIANCE® REZULT®	ROUNDUP ORIGINAL ⁽¹⁾ ROUNDUP ULTRA MAX ⁽¹⁾ SCEPTER® SELECT® STORM® SYNCHRONY® ⁽³⁾ TOUCHDOWN® ⁽¹⁾
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⁽¹⁾ Use only on varieties legally designated as "ROUNDUP READY".

⁽²⁾ Use only on varieties legally designated as "LIBERTY LINK".

⁽³⁾ Use only on varieties legally designated as "STS™".

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ADDED VELVETLEAF CONTROL IN SOYBEAN TANK MIXES

Tank mix S-3153 WDG Herbicide at 1/4 oz./A to any of the tank mix partners listed in Table 3 (with the exception of ASSURE II, FUSILADE DX, FUSION, POAST, POAST PLUS and SELECT) to control velvetleaf up to 6 inches in height. S-3153 WDG Herbicide may be added to any labeled two and three-way tank mix of products listed in Table 3 for enhanced velvetleaf control. Refer to tank mix partner's label for adjuvant recommendation.

ADDED MORNINGGLORY CONTROL IN SOYBEAN TANK MIXES

Tank mix S-3153 WDG Herbicide at 1/2 oz./A to any of the tank mix partners listed in Table 5 (with the exception of ASSURE II, FUSILADE DX, FUSION, POAST, POAST PLUS and SELECT) to control tall, entireleaf, or ivyleaf morningglories up to 6 inches in length and pitted morningglory up to 3 inches in length. S-3153 WDG Herbicide may be added to any labeled two and three-way tank mix of products listed in Table 3 for enhanced velvetleaf control. Refer to tank mix partner's label for adjuvant recommendation.

ROUNDUP READY PROGRAM IN SOYBEANS

S-3153 WDG Herbicide can be added to glyphosate or sulfosate for increased control of velvetleaf and morningglories. Refer to Table 4 for product and rate recommendations. Refer to tank mix partner's label for adjuvant recommendation.

Table 6. S-3153 WDG Herbicide Tank Mixes in ROUNDUP READY⁽¹⁾ Systems

		S-3153 WDG HERBICIDE RATES AND WEED HEIGHTS		
		VELVETLEAF	TALL, ENTIRELEAF AND IVYLEAF MORNINGGLORIES	PITTED MORNINGGLORY
PRODUCT	RATE	1/4 OZ./A	1/2 OZ./A	1/2 OZ./A
GLYPHOSATE	0.75 to 1.5 lbs. ai/A	Up to 6 inches	Up to 6 inches	Up to 3 inches
ROUNDUP ULTRA MAX	1.2 to 2.4 pts./A	Up to 6 inches	Up to 6 inches	Up to 3 inches
ROUNDUP ORIGINAL	1.5 to 3 pts./A	Up to 6 inches	Up to 6 inches	Up to 3 inches
TOUCHDOWN	1.6 to 3.2 pt./A	Up to 6 inches	Up to 6 inches	Up to 3 inches

⁽¹⁾ Use only soybeans legally designated as "ROUNDUP READY".

DIRECTIONS FOR USE IN SUGARCANE

USE RESTRICTIONS FOR S-3153 WDG HERBICIDE APPLIED TO SUGARCANE

1. Do not apply more than 3/4 oz./A of S-3153 WDG Herbicide in a single application or more than a total of 1.5 oz./A to sugarcane during a single growing season.
2. Do not apply S-3153 WDG Herbicide if rain is expected within 2 hours of application; otherwise unsatisfactory weed control may results.
3. Do not apply within 90 days of harvest.

TIMING TO SUGARCANE

S-3153 WDG Herbicide may be applied to newly planted or ratooning sugarcane up to 90 days before harvest. A temporary crop response may be observed following a postemergence broadcast application of S-3153 WDG Herbicide. Sugarcane leaves that are open at the time of application may show some burn or spotting. Sugarcane quickly outgrows all initial herbicide effects. When S-3153 WDG Herbicide is used as directed, sugarcane yields will not be adversely affected.

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TIMING TO WEEDS

Identify weed species as early as possible. Recommended rates, weed species and maximum weed size for effective control with S-3153 WDG Herbicide as a stand-alone broadcast application and post-directed application are indicated in Table 1. Recommended tank mixes are listed in Table 5. A cultivation may be necessary if all weeds are not controlled.

DROP NOZZLE APPLICATIONS

Drop nozzle application should be made after sugarcane has reached a sufficient height for the spray to be directed beneath the sugarcane leaves or when sugarcane leaves prevent proper spray coverage of weeds. When making a drop nozzle application, the rate of crop oil concentrate should be 1 qt./A. Since the activity of S-3153 WDG Herbicide is enhanced when the 1 qt./A rate of crop oil concentrate is used, care must be taken to minimize exposure of sugarcane leaves to the spray.

APPLICATION INFORMATION FOR TANK MIXES IN SUGARCANE

Apply S-3153 WDG Herbicide at 3/4 oz./A to control the weeds listed in Table 1. To control additional weeds in sugarcane, S-3153 WDG Herbicide may be tank mixed with approved herbicides. Approved tank mix herbicides are indicated in Table 5. For best results, S-3153 WDG Herbicide tank mix applications should be made to actively growing weeds. Do not apply S-3153 WDG Herbicide tank mixes during periods when sugarcane and/or weeds are under stress or when conditions do not favor active weed growth. For maximum control, weeds must receive thorough spray coverage.

Refer to tank mix partner's label for adjuvant recommendation.

Crop response from S-3153 WDG Herbicide tank mix applications may be greater than that occurring from S-3153 WDG Herbicide applied alone. Crop response from S-3153 WDG Herbicide is temporary and does not adversely affect crop yield when applied following labeled use directions.

Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. S-3153 WDG Herbicide, when applied according to label use directions, will control the weeds listed in Table 1. This label makes no claims concerning control of other weed species.

Table 7. S-3153 WDG Herbicide Tank Mix Combinations For Use in Sugarcane

ASULOX®	ATRAZINE	EVIK®	SEMPRA®
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STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Store in a cool dry place.

Keep pesticide in original container.

Keep container closed when not in use.

Do not put concentrate or dilute into food or drink containers.

Not for use or storage in or around the home.

For help with any spill, leak, fire or exposure involving this material, call 1-800-892-0099.

PESTICIDE DISPOSAL

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

CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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