



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

67760-77

Date of Issuance:

DEC 10 2007

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Harass Herbicide

Name and Address of Registrant (include ZIP Code):

Cheminova, Inc
1700 Route 23, Suite 300
Wayne, NJ 07470

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 section 3(c)(7)(A) provided that you:

1. Submit the results of the one-year storage stability (830.6317) and corrosion characteristics (830.6320) studies once they are available.
2. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
3. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 67760-77".

Signature of Approving Official:

James A. Tompkins for
James A. Tompkins, Product Manager (25)
Herbicide Branch, Registration Division (7505P)

Date:

12/10/07

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- b. At the beginning of the list of Personnel Protective Equipment (PPE) within the Precautionary Statements, add the statements "Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category chart." In addition, revise the current glove statement to read "chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride."
- c. Within the list of PPE for early re-entry in the Agricultural Use Requirements box, revise the current glove requirement to a requirement for "chemical-resistant gloves made of any waterproof material."
4. Submit one (1) copy of your 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 section 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.

Enclosure

3 8 32

HARASS™
herbicide

A dry flowable herbicide for use on wheat, barley, oat, triticale, fallow, corn, soybeans, and as a preplant or postharvest herbicide.

ACTIVE INGREDIENT:	Thifensulfuron-Methyl	
	Methyl 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate	75.0%
INERT INGREDIENTS:		25.0%
TOTAL:		100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

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

IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL TOLL FREE, DAY OR NIGHT 1-866-303-6950

Read the entire label before using this product.

Use only according to label instructions.

Read the WARRANTY DISCLAIMER, INHERENT RISKS OF USE, and LIMITATION OF REMEDIES before buying or using.

If terms are not acceptable, return product unopened without delay.

SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

EPA Reg. No. 67760-~~77~~(77)

EPA Est. No.

NET CONTENTS:

Manufactured for:
Cheminova, Inc.
1700 Route 23
Wayne, NJ 07470
www.cheminova.us.com

HARASS™ is a trademark of Cheminova

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:
DEC 10 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
67760-77

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber) all \geq 14 mils.
- Shoes plus socks.

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.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID

IF IN EYES: 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-303-6950 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

STORAGE AND DISPOSAL

Pesticide Storage: Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in a cool, dry place.

Pesticide Disposal: Do not contaminate water, food, or feed by disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: For Plastic Containers: Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **For Fiber Sacks:** Completely empty fiber sack by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of sack in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Container Refilling and Disposal (For Containers up to 250 gal):** This is a refillable container. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than HARASS. Reseal and return the container to any authorized Cheminova refilling facility. If the container is not to be refilled, triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-866-303-6950 day or night. **Container Disposal for Bulk Containers:** When this container is empty, replace the cap and seal all openings that have been opened during use, and return the container to the point of purchase or to a designated location named at time of purchase of this product. The container must only be refilled with this pesticide product. **DO NOT REUSE**

THE CONTAINER FOR ANY OTHER PURPOSE. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, contact Cheminova at 1-800-548-6113. If not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling. Disposal of this container must be in compliance with state and local regulations. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-866-303-6950 day or night.

PESTICIDE HANDLING

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Assure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid over-filling of spray tank.
- Do not discharge excess material on the soil or at a single spot in the field/grove or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- Avoid storage of pesticides near well sites.
- When triple rinsing the pesticide container, be sure to add the rinsate to the spray mix.

GENERAL INFORMATION

HARASS is recommended for selective postemergence control of certain broadleaf weeds in wheat (including durum), barley, oat, triticale, post-harvest burndown, preplant burndown, fallow, corn and soybeans. HARASS is a dry flowable granule to be mixed in water or other recommended carrier and applied as a uniform broadcast spray. It is noncorrosive, nonflammable, nonvolatile and does not freeze.

BIOLOGICAL ACTIVITY AND ENVIRONMENTAL CONDITIONS

Best results are obtained when HARASS is applied to young, actively growing weeds. The use rate will depend on weed spectrum and size of weed at time of application. The degree of control and duration of effect are dependent on rate used, sensitivity and size of target weed and environmental conditions at the time of and following application.

HARASS stops growth of susceptible weeds rapidly. However, typical symptoms of dying weeds (discoloration) may not be noticeable for 1-3 weeks after application (2-5 weeks for wild garlic) depending on the environmental conditions and weed susceptibility. Warm, moist conditions following treatment promote the activity of HARASS, while cold, dry conditions delay the activity. Weeds hardened-off by cold weather or drought stress will be less susceptible.

A vigorously growing crop will aid weed control by shading and providing competition for weeds. However, a dense crop canopy at time of application can intercept spray and result in reduced weed control. Weeds may not be adequately controlled in areas of thin crop stand or seeding skips.

Applications made to weeds that are in the cotyledon stage, larger than the size indicated, or to weeds under stress may result in unsatisfactory control.

HARASS may injure crops that are stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, or cultural practices. In addition, different varieties of the crop may have differing levels of sensitivity to treatment with HARASS under otherwise normal conditions. Treatment of sensitive crop varieties may injure crops.

Weed control may be reduced if rainfall or snowfall occurs soon after application. Several hours of dry weather are needed to allow HARASS to be sufficiently absorbed by weed foliage.

To reduce the potential of crop injury in cereals, tank mix HARASS with 2,4-D (ester formulations perform best-see the "TANK MIXTURES" sections of this label) and apply after the crop is in the tillering stage of growth.

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 agency for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 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.
- Chemical resistant gloves Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all \geq 14 mils.
- Shoes plus socks.

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

HARASS should be used only in accordance with recommendations on this label or in separately published Cheminova recommendations.

Cheminova will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by Cheminova.

HARASS is recommended for use on wheat, barley, oat, triticale, fallow, corn, soybeans and as a preplant and/or post-harvest burndown herbicide in most states. Check with your state extension service or Department of Agriculture before use to be certain HARASS is registered in your state.

CEREALS, FALLOW AND PREPLANT BURNDOWN

Weeds Controlled

- | | |
|-------------------|------------------------|
| Annual knawel | Miners lettuce |
| Annual sowthistle | Mouseear chickweed |
| Black mustard | Pennsylvania smartweed |
| Bushy wallflower | Prostrate knotweed |
| /Treacle mustard | Redmaids |
| Carolina geranium | Redroot pigweed |
| Coast fiddleneck | Russian thistle†* |

- | | |
|----------------------|-------------------------|
| Common buckwheat | Scentless |
| Common chickweed* | chamomile/mayweed |
| Common groundsel | Shepherdspurse |
| Common lambsquarters | Smallflower buttercup |
| Corn chamomile | Stinking mayweed |
| Corn spurry | /Dogfennel |
| Cress (mouse-ear) | Swinecress |
| Curly dock | Tarweed fiddleneck |
| False chamomile | Tumble/Jim Hill mustard |
| Field pennycress | Volunteer lentils |
| Flixweed | Volunteer peas |
| Green smartweed | Volunteer sunflower* |
| Kochia† | Wild buckwheat* |
| Ladysthumb | Wild chamomile |
| London rocket | Wild garlic* |
| Mallow (little) | Wild mustard |
| Marshelder | |

Partial Control**

- | | |
|--------------------------|------------------|
| Common cocklebur | Mallow (common) |
| Common sunflower | Prickly lettuce* |
| Cutleaf evening primrose | Tansymustard* |
| Henbit | Wild radish* |

* See SPECIFIC WEED PROBLEMS in the Cereals section below for more information.

** Partial control: A visual reduction of weed population as well as a significant loss of vigor for individual weed plants. For better results, use 0.5 or 0.6 ounces HARASS per acre and include a tank mix partner such as 2,4-D, MCPA, bromoxynil (such as "Buctril," "Bison," "Bronate," or "Bronate Advanced"), or dicamba (such as "Banvel"/"Clarity"), refer to the TANK MIXTURES section of this label.

† Naturally occurring resistant biotypes of kochia, prickly lettuce and Russian thistle are known to occur. See the TANK MIXTURES and SPECIFIC WEED PROBLEMS sections of this label for additional details.

FALLOW

Application Timing

Apply HARASS in the spring, summer, or fall when the majority of weeds have emerged and are actively growing. (See the **CROP ROTATION** section of this label for additional information).

Use Rates

HARASS may be used as a fallow treatment for burndown of emerged weeds, in combination with other suitable registered fallow herbicides. (See the **Tank Mixtures In Fallow** section of this label for additional information.) Apply HARASS at 0.3 to 0.6 ounce per acre to fallow for control or partial control of the weeds listed above. Sequential treatments of HARASS may be made provided the total amount of HARASS applied does not exceed 1.0 ounce per acre.

Tank Mixtures In Fallow

HARASS, when used as a fallow treatment, should be tank mixed with other herbicides that are registered for use in fallow, including glyphosate (such as GLYFOS® or "Roundup"), "Landmaster II," "Fallow Master," "RT Master," glyphosate plus dicamba (such as "Banvel"/"Clarity"), 2,4-D (ester formulations work best), or dicamba (such as "Banvel"/"Clarity") alone.

PREPLANT BURNDOWN

Application Timing

For burndown of emerging weeds, broadcast applications of HARASS may be applied before wheat (including durum) barley, oat, triticale, soybeans and field corn plants emerge. Before planting any other

crop (such as sugarbeets, canola, rice, or grain sorghum) apply HARASS as a burndown treatment at least 45 days prior to planting. (See the **CROP ROTATION** section of this label for additional information.)

Apply HARASS as burndown treatment in cotton when a majority of weeds have emerged. Allow at least 7 days after application before planting cotton. Allow at least 5 months between application of HARASS and cotton harvest.

Use Rates

HARASS may be used as a burndown treatment prior to planting any crop; or shortly after planting, but prior to emergence of, wheat (including durum), barley, oat, triticale, soybeans and field corn. (See **Application Timing** in this **PREPLANT BURNDOWN** section for restriction on planting intervals.)

Apply HARASS at 0.3 to 0.6 ounce per acre for control or partial control of the weeds listed below, except when planting to cotton where HARASS can be applied at 0.2 to 0.33 ounce per acre. Use the 0.6 ounce per acre rate when weed infestation is heavy and predominantly consists of those weeds listed under the **WEEDS PARTIALLY CONTROLLED** section of this label, or when application timing and environmental conditions are marginal. Sequential treatments of HARASS may also be made provided the total amount of HARASS applied during one season does not exceed 1.0 ounce per acre.

HARASS should be applied in combination with other suitable registered preplant burndown herbicides. (See **Tank Mixtures in Preplant Burndown Applications** section of this label for additional information.)

Tank Mixtures in Preplant Burndown Applications

HARASS may be used as a preplant burndown treatment alone or tank mixed with other herbicides that are registered for use as a preplant burndown product, including glyphosate (such as GLYFOS or Roundup), "Landmaster II," "Fallow master," "RT Master," glyphosate plus dicamba (such as "Banvel"/"Clarity") or dicamba (such as "Banvel"/"Clarity") alone.

CEREALS

APPLICATION TIMING

Wheat (including Durum), Barley, Triticale and Winter Oat

Make applications after the crop is in the 2-leaf stage, but before the flag leaf is visible.

Spring Oat

Make applications after the crop is in the 3-leaf stage, but before jointing. Do not use on "Ogle," "Porter" or "Premier" varieties since crop injury can occur.

USE RATES

In cereals, do not use less than 0.3 ounce HARASS per acre.

If predominant weed(s) in field is (are) listed in **WEEDS PARTIALLY CONTROLLED** table below, always include a tank mix partner (refer to **TANK MIXTURES FOR CEREALS**).

Wheat, Barley and Triticale

Apply 0.5 ounce HARASS per acre to wheat (including durum), barley or triticale for control or partial control of the weeds listed below.

Use 0.6 ounce HARASS per acre when weed infestation is heavy and predominantly consists of those weeds listed under partial control, or when application timing and environmental conditions are marginal (refer to the **CEREALS APPLICATION TIMING** and **GENERAL INFORMATION** sections of this label).

Use 0.3 ounce HARASS per acre when weed infestation is light and predominantly consists of those weeds listed under weeds controlled, and when optimum application conditions occur.

Sequential treatments of HARASS may be made provided the total amount of HARASS applied to the crop does not exceed 1.0 ounce per acre.

Oat (Spring and Winter)

Apply 0.3 to 0.4 ounce HARASS per acre for control of the weeds listed in **WEEDS CONTROLLED** table.

If predominant weed(s) in field is (are) listed in **WEEDS PARTIALLY CONTROLLED** table below, always include a tank mix partner (refer to **TANK MIXTURES FOR CEREALS**).

Do not make more than one application of HARASS per crop season on oat.

SPECIFIC WEED PROBLEMS

Common chickweed and wild buckwheat: For best results, apply a minimum of 0.5 ounce HARASS per acre plus surfactant when all or the majority of weeds have germinated and are past the cotyledon stage. Weeds should be less than 3 inches tall or across at the time of HARASS application.

Kochia: Naturally occurring biotypes resistant to HARASS are known to occur. For best results, use HARASS in a tank mix with Starane, Starane+Salvo, Starane+Sword, dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCPA (ester or amine), or bromoxynil containing products (such as "Buctril," "Bison," "Bronate," "Bronate Advanced" or "Widematch").

HARASS should be applied in the spring when kochia are less than 2" tall and are actively growing (refer to the **TANK MIXTURES FOR CEREALS** section of this label for additional details on rates and restrictions).

Tansymustard: For best results, use 0.5 to 0.6 ounce HARASS per acre plus 2,4-D or MCPA. Refer to the **TANK MIXTURES FOR CEREALS** section of this label for more information.

Russian thistle, Prickly lettuce: Naturally occurring biotypes of these weeds resistant to HARASS are known to occur. For best results, use HARASS in a tank mix with dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCPA (ester or amine); or bromoxynil containing products (such as "Buctril," "Bison," "Bronate," "Bronate Advanced" or "Rhino") and 2,4-D [3/4-1 pint "Buctril" + 1/4 - 3/8 lb active 2,4-D ester].

HARASS should be applied in the spring when Russian thistle and prickly lettuce are less than 2" tall or 2" across and are actively growing (refer to the **TANK MIXTURES FOR CEREALS** section of this label for additional details on rates and restrictions).

Wild garlic: For best results, apply 0.5 to 0.6 ounce HARASS per acre plus surfactant when wild garlic plants are less than 12 inches tall with 2 to 4 inches of new growth. For severe infestations, use the 0.6 ounce per acre rate of HARASS. Control may be reduced when plants are hardened-off by cold weather and/or drought stress. Control is enhanced when applications are made during warm temperatures to actively growing wild garlic plants. Typical symptoms of dying wild garlic plants (discoloration and collapse) may not be noticeable for 2-5 weeks.

Thorough coverage of all garlic plants is essential.

Tank mixes of HARASS plus metribuzin may result in reduced control of wild garlic.

Wild radish: For best results, apply 0.5 to 0.6 ounce HARASS plus surfactant either in the fall or spring to wild radish rosettes less than 6 inches in diameter. Applications made later than 30 days after weed emergence will result in partial control. Fall applications should be made prior to hardening-off of plants.

SU/IMI Tolerant Volunteer Sunflowers: Control may not be adequate because varieties resistant to SU and IMI products (like "Express", "Beyond," "Pursuit," "Raptor") are under development. For best results, use HARASS in a tank mix with Starane, Starane+Salvo, Starane+Sword, dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCPA (ester or amine), or bromoxynil containing products (such as "Buctril," "Bison," "Bronate" or "Bronate Advanced").

TANK MIXTURES FOR CEREALS

NOTE: Read and follow all manufacturers' label recommendations for any companion herbicides, fungicides, and/or insecticides. If those recommendations conflict with this label, do not tank mix that product with HARASS. Read and follow all label instructions on timing, precautions, and warnings for any companion products before using these tank mixtures. Follow the most restrictive labeling.

With 2,4-D (amine or ester) or MCPA (amine or ester)

HARASS may be tank mixed with the amine and ester formulations 2,4-D and MCPA herbicides for use on wheat, barley, oat, triticale or fallow.

For best results in the Red River Valley and adjacent areas of North Dakota and Minnesota, add the ester formulations of 2,4-D or MCPA herbicides to the tank at 3/8 lb active ingredient (such as 3/4 pint of a 4 lb/gal product, 1/2 pint of a 6 lb/gal product). No additional surfactant is needed with this mixture.

For best results in other areas, add the ester formulations of 2,4-D or MCPA herbicides to the tank at 1/4 to 3/8 lb active ingredient (such as 1/2-3/4 pint of a 4 lb/gal product, 1/3-1/2 pint of a 6 lb/gal product). Nonionic surfactant may be added to the mixture at 1/2 to 1 quart per 100 gal of spray solution (0.125 to 0.25% v/v); however, adding nonionic surfactant may increase the potential for crop injury, especially at the higher 2,4-D and MCPA rates. Higher rates of 2,4-D or MCPA may be used, but do not exceed the highest rate allowed by those respective labels. **READ NOTE above for general precautions with tank mix products.**

With dicamba (such as "Banvel"/"Clarity")

HARASS may be tank mixed with 1/16 to 1/8 lb active ingredient dicamba (such as 2-4 fluid ounces "Banvel" or 2-4 fluid ounces "Clarity"). Use higher rates when weed infestation is heavy. Nonionic surfactant may be added to the mixture at 1/2 to 1 quart per 100 gallons of spray solution (0.125 to 0.25% v/v); however, adding nonionic surfactant may increase the potential for crop injury. Refer to the specific dicamba label for application timing and restrictions. Tank mixes of HARASS plus dicamba may result in reduced control of some broadleaf weeds. **READ NOTE above for general precautions with tank mix products.**

With 2,4-D (amine or ester) and "Banvel"/"Clarity"

HARASS may be applied in a 3-way tank mix with formulations of dicamba and 2,4-D or MCPA. Make application of HARASS plus 1/16 to 1/8 lb active ingredient dicamba (such as 2-4 fluid ounces "Banvel" or "Clarity") plus 1/4 - 3/8 lb active ingredient 2,4-D or MCPA ester or amine per acre. Use higher rates when weed infestation is heavy. Nonionic surfactant may be added to the mixture at 1/2 to 1 quart per 100 gal of spray solution (0.125 to 0.25% v/v); however, adding nonionic surfactant may increase the potential for crop injury. Apply this three-way combination to winter wheat and winter oat after the crop is tillering and prior to jointing (first node). **READ NOTE above for general precautions with tank mix products.**

In Spring Wheat (including Durum) and Spring Oat, apply after the crop is tillering and before it exceeds the 5-leaf stage.

In Spring Barley, apply after the crop is tillering and before it exceeds the 4-leaf stage.

With Bromoxynil containing products (such as "Buctril," "Bison," "Bronate," "Bronate Advanced" or "Rhino)

HARASS may be tank mixed with bromoxynil containing herbicides registered for use on wheat, barley or triticale. For best results, add bromoxynil containing herbicides to the tank at 3/16 - 3/8 lb active ingredient per acre (such as "Bronate" or "Bison" at 3/4 - 1 1/2 pt per acre). Note that tank mixes of HARASS plus bromoxynil may result in reduced control of Canada thistle. **READ NOTE above for general precautions with tank mix products.**

With "Starane," "Starane+Salvo," "Starane+Sword"

For improved control of kochia (2-4" tall) HARASS may be tank mixed with 1/3 to 1 1/3 pints per acre of Starane, 2/3 to 2 2/3 pints per acre of Starane+Salvo, 3/4 to 2 3/4 pints per acre of Starane+Sword.

2,4-D and MCPA herbicides (preferably ester formulations) may be tank mixed with HARASS plus Starane. Consult local recommendations and the **TANK MIXTURES FOR CEREALS** section of this label for additional information. **READ NOTE above for general precautions with tank mix products.**

With "Maverick"

HARASS can be tank mixed with "Maverick" herbicide for improved control of weeds in wheat. **READ NOTE above for general precautions with tank mix products.**

With "Aim"

HARASS can be tank mixed with "Aim" herbicide for improved control of weeds in wheat and barley. **READ NOTE above for general precautions with tank mix products.**

With "Stinger" or "Curtail" or "Curtail M" or "Widematch"

HARASS can be tank mixed with "Stinger" or "Curtail" or "Curtail M" or "WideMatch" herbicide for improved control of weeds in wheat and barley. **READ NOTE above for general precautions with tank mix products.**

With "Express" or "Express XP"

HARASS may be tank mixed with "Express" or "Express XP" based on local recommendations. **READ NOTE above for general precautions with tank mix products.**

With Cheminova ACCURATE® herbicide or "Ally" or "Ally XP"

HARASS may be tank mixed with ACCURATE or Ally or Ally XP based on local recommendations. **READ NOTE above for general precautions with tank mix products.**

With "Assert" Herbicide or "Avenge" Herbicide

HARASS can be tank mixed with "Avenge" or "Assert." When tank mixing HARASS with "Assert," always include another broadleaf weed herbicide with a different mode of action (for example 2,4-D ester, MCPA ester, or bromoxynil (such as "Buctril," "Bison," "Bronate" or "Bronate Advanced"). Applications of HARASS plus "Assert" may cause temporary crop discoloration, stunting, or injury when heavy rainfall occurs shortly after application. **READ NOTE above for general precautions with tank mix products.**

With "Discover NG"

HARASS can be tank mixed with "Discover NG" herbicide for improved control of weeds in spring wheat. **READ NOTE above for general precautions with tank mix products.**

With "Everest"

HARASS can be tank mixed with "Everest" herbicide for improved control of weeds in spring wheat. **READ NOTE above for general precautions with tank mix products.**

With "Hoelon"

A tank mix of "Hoelon" 3EC herbicide + HARASS can be applied for annual ryegrass (in the Pacific Northwest only), wild oat and broadleaf weed control in winter and spring wheat, and spring barley. The "Hoelon" 3EC herbicide rate should be 2 2/3 pints per acre with up to 0.5 ounce per acre HARASS in spring and winter wheat. **READ NOTE above for general precautions with tank mix products.**

A three-way tank mix of "Hoelon" 3EC herbicide + "Buctril" herbicide + HARASS can be applied for annual ryegrass (in the Pacific Northwest only), wild oat and broadleaf weed control in winter and spring wheat, and spring barley. The "Hoelon" 3EC herbicide rate should be 2 2/3 pints per acre with up to 0.5 ounce per acre HARASS in winter wheat (up to 0.4 ounce per acre in spring wheat and spring barley). "Buctril" herbicide should be used at 1 pint per acre.

This tank mixture should only be used under good soil moisture conditions when wild oats are in the 1 to 4 leaf stage. Reduced control of foxtail is likely when tank mixing "Hoelon" with HARASS. When foxtail is the major grass weed in the field, DO NOT tank mix "Hoelon" 3EC herbicide+ HARASS – use sequential treatments. **READ NOTE above for general precautions with tank mix products.**

With "Achieve"

HARASS can be tank mixed with "Achieve" for wild oat control. This tank mix may also include 2,4-D ester, MCPA ester, bromoxynil or bromoxynil/MCPA for greater spectrum of broadleaf control – see "Achieve" label for specific use directions and restrictions on tank mixes.

To minimize the reduction in wild oat control, use the higher rates of "Achieve" when using rates of HARASS greater than 0.3 ounce per acre.

Note: Green foxtail, yellow foxtail, Persian darnel and other grass weeds will not be controlled by this tank mix.

READ NOTE above for general precautions with tank mix products.

With "Puma"

HARASS can be tank mixed with "Puma" 1EC for control of some annual grass weeds. This tank mix may also include MCPA ester, bromoxynil or bromoxynil /MCPA for greater spectrum of broadleaf control – see "Puma" 1EC label for specific use directions and restrictions on tank mixes. **READ NOTE above for general precautions with tank mix products.**

With "Tiller"

HARASS can be tank mixed with "Tiller" for green foxtail, foxtail millets and volunteer corn control. **READ NOTE above for general precautions with tank mix products.**

With Other Grass Control Products

HARASS can be tankmixed with grass control products. Antagonism generally does not occur. However, Cheminova recommends that you first consult your state experiment station, university, extension agent or agricultural dealer as to the potential for antagonism before using the mixture. If no information is available, limit the initial use of HARASS and the grass product to a small area. **READ NOTE above for general precautions with tank mix products.**

With Fungicides

HARASS may be tank mixed or used sequentially with fungicides registered for use on cereal grains. **READ NOTE above for general precautions with tank mix products.**

With Insecticides

HARASS may be tank mixed or used sequentially with insecticides registered for use on cereal grains.

However, under certain conditions (drought stress, cold weather, or if the crop is in the 2-4 leaf stage), tank mixes or sequential applications of HARASS with organophosphate insecticides (such as "NUFOS®" or "Lorsban") may produce temporary crop yellowing or, in severe cases, crop injury. The potential for crop injury is greatest when wide fluctuations in day/night temperatures occur just prior to or soon after application. Test these mixtures in a small area before treating large areas.

Do not apply HARASS within 60 days of crop emergence where an organophosphate insecticide has been applied as an in-furrow treatment because crop injury may result. **READ NOTE above for general precautions with tank mix products.**

Do not use HARASS plus malathion because crop injury will result.

With Liquid Nitrogen Solution Fertilizer

Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing HARASS in fertilizer solution.

HARASS must first be slurried with water and then added to liquid nitrogen solutions (e.g., 28-0-0, 32-0-0). Ensure that the agitator is running while HARASS is added. Use of this mixture may result in temporary crop yellowing and stunting.

If using low rates of liquid nitrogen fertilizer in the spray solution (less than 50% of the spray solution volume), the addition of surfactant is necessary. Add surfactant at 1/2 pint – 1 quart per 100 gal of spray solution (0.06-0.25% v/v) based on local recommendations.

When using high rates of liquid nitrogen fertilizer in the spray solution, adding surfactant increases the risk of crop injury. Consult your agricultural dealer, consultant, field advisor or Cheminova representative for a specific recommendation before adding an adjuvant to these tank mixes.

If 2,4-D or MCPA is included with HARASS and the fertilizer mixture, ester formulations tend to be more compatible (see manufacturer's label). Additional surfactant may not be needed when using HARASS in tank mix with 2,4-D ester or MCPA ester and liquid nitrogen fertilizer solutions. Consult your agricultural dealer, consultant, field advisor, or Cheminova representative for a specific recommendation before adding an adjuvant to these tank mixtures.

Note: In certain areas east of the Mississippi River, unacceptable crop response may occur with use of straight or dilute nitrogen fertilizer carrier solutions where cold temperatures or widely fluctuating day/night temperatures exist. In these areas consult your agricultural dealer, consultant, field advisor, or Cheminova representative for a specific recommendation before using nitrogen fertilizer carrier solutions.

Liquid nitrogen fertilizer solutions that contain sulfur can increase crop response.

Do not use low rates of liquid fertilizer as a substitute for a surfactant.

Do not use with liquid fertilizer solutions with a pH less than 3.0.

READ NOTE above for general precautions with tank mix products.

SOYBEANS

Application Timing (Postemergence)

HARASS may be applied to soybeans any time after the first trifoliolate has expanded fully. Apply no later than 60 days before harvest.

Early-season soybean injury may result from tank mix applications with other registered herbicides. Injury may manifest itself as stunting (seen as a reduction in leaf size or internode length), yellowing leaves and/or red veins, and necrosis in the leaves and petioles. The potential for soybean injury is most pronounced with applications made during hot, humid conditions, under widely fluctuating weather or temperature conditions, or with applications to soybeans under stress.

Use Rates in Soybeans

Make a single application of HARASS at a rate of 0.083 (1/12) ounce per acre for selective postemergence broadleaf weed control on conventional soybean varieties.

HARASS at up to 1/3 ounce per acre is recommended for use on soybeans designated "STS." Severe injury or death to soybeans will result if any soybeans not designated as "STS" are treated with more than 1/12 ounce of HARASS. Multiple applications of HARASS may be applied to "STS" soybeans provided no more than a total of 1/3 ounce is applied per season.

Spray Additives

Applications of HARASS in soybeans must include a nonionic surfactant or crop oil concentrate, and an ammonium nitrogen fertilizer. See **SPRAY ADJUVANTS** section of this label.

Weeds Controlled

When applied to soybeans as directed, HARASS will control the following weeds:

14 7 32

Weeds Controlled	Maximum Size (inches) at Application
Annual Smartweeds	6
Lambsquarters	4
Pigweed	
Rough (red root)	12
Other species	8
Velvetleaf	6
Wild Mustard	Up to 4" in dia.

Partial Control*	Maximum Size (inches) at Application
Cocklebur	6
Jimsonweed	4
Wild Sunflower	6

*Partial Control: A visual reduction of weed population as well as a significant loss of vigor for individual weeds.

See WEEDS CONTROLLED in the CEREALS, FALLOW AND PREPLANT BURNDOWN section for a listing of weeds controlled using applications of 1/3 oz of this product in "STS" soybeans.

Tank Mixtures in Soybeans

HARASS may be tank mixed with full or reduced rates of other products registered for use in soybeans. However, Cheminova will not warrant crop safety or weed control of HARASS tank mixtures with any other pesticide or spray adjuvant except as specified in this label or other Cheminova supplemental labeling or technical bulletins.

Do not tank mix HARASS with organophosphate insecticides, or apply HARASS within 14 days before or after an application of an organophosphate insecticide, as severe crop injury may occur.

With Postemergence Grass Herbicides

HARASS may be tank mixed with postemergence herbicides such as "SELECT" or "ASSURE® II."

With postemergence grass herbicides, surfactant rate (concentration) should be 1-2 pints per 100 gallons of spray solution (0.125%-0.25% v/v concentration). Use of a higher rate of nonionic surfactant, particularly under hot, humid conditions, may result in temporary crop injury. Do not use crop oil concentrate when tank mixing HARASS with postemergence grass herbicides unless specified on other Cheminova supplemental labeling. Include a nonionic surfactant with the tank mix of HARASS and post grass herbicides such as "SELECT" or "ASSURE II" herbicides.

With Glyphosate

HARASS may be tank mixed with glyphosate for control of certain broadleaf weeds in Roundup Ready or Roundup Ready X "STS stacked trait" soybeans. For tank mixtures of HARASS plus glyphosate herbicide, always read and follow all use directions, restrictions, and precautions on the EPA approved labels. When tank mixing, the most restrictive labeling applies.

Adjuvants

When tank mixing HARASS with glyphosate, such as GLYFOS, it is recommended to add ammonium sulfate (AMS) at 4.25-17 lb per 100 gal of spray mixture. See the glyphosate manufacturer's label for specific ammonium nitrogen recommendations. When velvetleaf is present, ammonium sulfate is required at a minimum rate of 2 lb per acre.

The addition of surfactant at 0.125-0.25% v/v (1-2 pt per 100 gal spray mixture) to some HARASS plus glyphosate tank mixes will improve weed control when glyphosate products are used that do not contain built-in adjuvant systems. Glyphosate products differ in their adjuvant contents. Glyphosate products such

as GLYFOS or Roundup Original allow for addition of surfactants. See the manufacturer's specific surfactant recommendations.

Sequential Applications in Soybeans

Before making applications of HARASS to soybeans previously treated with other herbicides, ensure that the soybeans are free from stress (herbicide or environmental) and actively growing.

FIELD CORN

Do not apply to sweet corn, popcorn or field corn grown for seed.

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

Do not graze or feed forage or grain from treated field corn to livestock within 30 days of application.

Restriction

This product is limited to ground application only in the State of New York. Do not apply by air in that state.

Application Information

HARASS may be applied to 2-6 leaf field corn (1-5 collars, up to 16 inches tall) at a rate of 0.083 (1/12) ounce per acre. Do not apply to field corn taller than 16 inches or 5 collars, whichever is more restrictive.

HARASS may be applied as a tank mixture with labeled rates of atrazine and glyphosate. Do not tank mix with other corn herbicides unless specified on HARASS labels or technical bulletins.

Apply HARASS to field corn hybrids with Relative Maturity (RM) of 88 days or more, including "food grade" (yellow dent, hard endosperm), waxy and high-oil corn. Not all field corn hybrids of less than 88 days RM, not all white corn hybrids or Hi-Lysine hybrids have been tested for crop safety, nor does Cheminova have access to all seed company data. Consequently, injury arising from the use of HARASS on these types of corn is the responsibility of the user. Consult with your seed supplier before applying HARASS to any of these corn types.

Do not make more than one application per season.

Timing to Weeds

Apply to weeds whose first true leaves are expanded but before weeds exceed the sizes listed below.

When applied as directed, HARASS will control the following weeds:

WEED	Maximum Size (Inches)
Velvetleaf	6
Pigweed species	12
Lambsquarters	4
Annual smartweeds	6
Wild mustard	up to 4" in diameter

Adjuvants

Always add either nonionic surfactant at 0.25% v/v (1 qt/100 gal) or crop oil concentrate at 1% v/v (1 gal/100 gal) plus either ammonium nitrogen solution such as 28% UAN (2-4 qt/acre) or ammonium sulfate (2-4 lb/acre).

When tank mixing HARASS with glyphosate, it is recommended to add ammonium sulfate (AMS) at 4.25-17 lb per 100 gal of spray mixture. See the glyphosate manufacturer's label for specific ammonium nitrogen recommendations. When velvetleaf is present, ammonium sulfate is required at a minimum rate of 2 lb per acre.

The addition of surfactant at 0.125-0.25% v/v (1-2 pt per 100 gal spray mixture) to some HARASS plus glyphosate tank mixes will improve weed control when glyphosate products are used that do not contain built-in adjuvant systems. Glyphosate products differ in their adjuvant contents. Glyphosate products such as GLYFOS or Roundup Original allow for addition of surfactants. See the manufacturer's specific surfactant recommendations.

Soil Insecticide Interactions

HARASS may interact with certain insecticides previously applied to the crop. Crop response varies with field corn type, insecticide used, insecticide application method, and soil type.

HARASS may be applied to corn previously treated with "Fortress," "Aztec," "Force" or non-organophosphate (OP) soil insecticides regardless of soil type.

- DO NOT APPLY HARASS to corn previously treated with Counter 15G.
- Applications of HARASS to corn previously treated with "Counter 20CR," "NUFOS," "Lorsban" or "Thimet" may cause unacceptable crop injury, especially on soils of less than 4% organic matter.
- Applications of HARASS to corn previously treated with "NUFOS" or "Lorsban," or other organophosphate insecticides not listed above, may result in temporary crop injury.

POST HARVEST

Application Timing

HARASS may be used as a burndown treatment to crop stubble when the majority of weeds have emerged and are actively growing. (See the **CROP ROTATION** section of this label for additional information.)

Use Rates

Apply HARASS at 0.3 to 0.6 ounce per acre to crop stubble after harvest. Use the 0.6 ounce per acre rate when weed infestation is heavy and predominantly consists of those weeds listed under the **WEEDS PARTIALLY CONTROLLED** section of this label or when application timing and environmental conditions are marginal. (See the **CROP ROTATION** section of this label for restriction on planting intervals). HARASS should be applied in combination with other suitable registered burndown herbicides (see the **Tank Mixtures in Post Harvest Applications** section of this label for additional information).

Sequential treatments of HARASS may also be made provided the total amount of HARASS applied during one fallow/preplant cropland season does not exceed 1.0 ounce per acre.

Tank Mixtures in Post Harvest Applications

HARASS may be used as a post harvest treatment to crop stubble, and should be tank mixed with other herbicides that are registered for use in fallow, such as GLYFOS.

GENERAL USE AND APPLICATION DIRECTIONS – ALL CROPS AND USES

GROUND APPLICATION

For best performance, select nozzles and pressure that deliver MEDIUM spray droplets. Nozzles that deliver COARSE spray droplets may be used to reduce drift, provided spray volume is increased to maintain coverage on small weeds. For optimal product performance and minimal spray drift, adjust the spray boom to the lowest possible spray height recommended in manufacturers' specifications.

Overlaps or starting, stopping, slowing, and turning while spraying may result in crop injury.

Wheat, Barley, Oat, Triticale, Post-Harvest Burndown, Preplant Burndown And Fallow

For flat-fan nozzles, use a spray volume of at least 5 gal per acre (GPA).

For flood nozzles on 30" spacings, use at least 10 GPA, flood nozzles no larger than TK10 (or the equivalent), and a pressure of at least 30 psi. For 40" nozzle spacings, use at least 13 GPA; for 60" spacings use at least 20 GPA. It is essential to overlap the nozzles 100% for all spacings.

"Raindrop RA" nozzles are not recommended for HARASS applications, as weed control performance may be reduced.

Use screens that are 50-mesh or larger.

Corn And Soybeans

Broadcast Application

- Use 10-25 gallons of water per acre.

Ensure that equipment is set up to avoid applying an excessive rate directly over the rows and into the corn plant whorl. Overlaps or starting, stopping, slowing, and turning while spraying may result in crop injury.

Under heavy weed pressure or dense crop foliage, increase minimum spray volume to 15-25 gal per acre.

Band Application

For band applications, use proportionately less spray mixture.

To avoid crop injury, carefully calibrate the band applicator to not exceed the labeled rate.

Carefully follow the manufacturer's instructions for nozzle type (flat fans), orientation, distance of nozzles from the crop and weeds, spray volumes, calibration and spray pressure.

AERIAL APPLICATION

Do not apply during a temperature inversion, when winds are gusty, or when conditions favor poor coverage and/or off-target spray movement.

In wheat, barley, oats, triticale, post-harvest burndown, preplant burndown and fallow use 2 to 5 gallons per acre; use at least 3 gallons per acre in Idaho, Oregon and Utah.

In corn and soybeans, use a minimum of 5 gallons per acre. Do not apply by air in New York State.

When applying HARASS by air in areas adjacent to sensitive crops, use solid stream nozzles oriented straight back. Adjust the swath to avoid spray drift damage to sensitive crops downwind and/or use ground equipment to treat the border edge of fields. See the Spray Drift Management section of this label.

SPRAY ADJUVANTS

Always include a spray adjuvant with applications of HARASS. In addition to a spray adjuvant, an ammonium nitrogen fertilizer may be used. Do not use low rates of liquid nitrogen fertilizer solution as a substitute for surfactant. Antifoaming agents may be used if needed.

Consult your Ag dealer or applicator prior to using an adjuvant system. If another herbicide is tank mixed with HARASS, select adjuvants authorized for use with both products. Products must contain only EPA-exempt ingredients (40 CFR 1001).

Nonionic Surfactants (NIS)

- Apply 0.06 to 0.50% volume/volume (1/2 pt to 4 pt per 100 gal of spray solution).
- Surfactant products must contain at least 60% nonionic surfactant with a hydrophilic/lipophilic balance (HLB) greater than 12. See the **TANK MIXTURES** sections of this label for additional information.

Crop Oil Concentrate (COC) – Petroleum or Modified Seed Oil (MSO)

- Apply at 1% v/v (1 gal per 100 gal spray solution) or 2% under arid conditions. MSO adjuvants may be used at 0.5% v/v if specified on local Cheminova product literature or service policies.
- Oil adjuvants must contain at least 80% high quality, petroleum (mineral) or modified vegetable seed oil with at least 15% surfactant emulsifiers.

Special Adjuvant Types

- Combination adjuvant products may be used at doses that provide the required amount of NIS, COC, MSO and/or ammonium nitrogen fertilizer. Consult adjuvant product literature for use rates and restrictions.

Ammonium Nitrogen Fertilizer

- Use 2 qt/acre of a high-quality urea ammonium nitrate (UAN), such as 28%N or 32%N, or 2 lb/acre of a spray-grade ammonium sulfate (AMS). Use 4 qt/acre UAN or 4 lb/acre AMS under arid conditions.

CROP ROTATION

Wheat, barley, oat, triticale, soybeans and field corn may be replanted anytime after the application of HARASS. Cotton can be planted 7 days after application. Any other crop may be planted 45 days after the application of HARASS.

GRAZING

Do not graze or feed forage or hay from treated areas to livestock (harvested straw may be used for bedding and/or feed).

MIXING INSTRUCTIONS

Do not use with spray additives that alter the pH of the spray solution below pH 5.0 or above pH 9.0, as rapid product degradation can occur. Spray solutions of pH 6.0-8.0 allow for optimum stability of HARASS.

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of HARASS.
3. Continue agitation until the HARASS is fully dispersed, at least 5 minutes.
4. Once the HARASS is fully dispersed, maintain agitation and continue filling tank with water. HARASS should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add tank mix partners and antifoaming agents (if desired) then add the required volume of spray adjuvant. Always add spray adjuvant last. Do not use with spray additives that alter the pH of the spray solution below pH 6.0 as rapid product degradation can occur. Spray solutions of pH 7.0 and higher allow for optimum stability of HARASS.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply HARASS spray mixture within 24 hours of mixing to avoid product degradation.
8. If HARASS and a tank mix partner are to be applied in multiple loads, pre-slurry the HARASS in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the HARASS.

SPRAY EQUIPMENT

For specific application equipment, refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc.

Be sure to calibrate air or ground equipment properly before application. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop. Do not make applications using equipment and/or spray volumes or during weather conditions that might cause spray to drift onto nontarget sites. For additional information on spray drift refer to the SPRAY DRIFT MANAGEMENT section

of this label. Continuous agitation is required to keep HARASS in suspension.

SPRAYER CLEANUP

The spray equipment must be cleaned before HARASS is sprayed. Follow the cleanup procedures specified on the labels of the previously applied products. If no directions are provided, follow the six steps outlined in the AFTER SPRAYING HARASS section of this label.

At the End of the Day

It is recommended that during periods when multiple loads of HARASS are applied, at the end of each day of spraying the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits which can accumulate in the application equipment.

AFTER SPRAYING HARASS AND BEFORE SPRAYING CROPS OTHER THAN WHEAT, BARLEY, OAT, TRITICALE, FIELD CORN AND SOYBEANS

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of HARASS as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and 1 gal of household ammonia* (contains 3% active ingredient) for every 100 gal of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 min. Flush the hoses, boom, and nozzles again with the cleaning solution, and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. If only ammonia is used as a cleaner, the rinsate solution may be applied back to the crop(s) recommended on this label. Do not exceed the maximum label use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

* Equivalent amounts of an alternate-strength ammonia solution can be used in the cleanout procedure. Carefully read and follow the individual cleaner instructions. Consult your Ag dealer or applicator for a listing of approved cleaners.

Notes:

1. **CAUTION:** Do not use chlorine bleach with ammonia because dangerous gases will form. Do not clean equipment in an enclosed area.
2. Steam-cleaning aerial spray tanks is recommended prior to performing the above cleanout procedure to facilitate the removal of any caked deposits.
3. When HARASS is tank mixed with other pesticides, all cleanout procedures for each product should be examined and the most rigorous procedure should be followed.
4. In addition to this cleanout procedure, all precleanout guidelines on subsequently applied products should be followed as per the individual product labels.
5. Where routine spraying practices would include shared equipment frequently being switched between applications of HARASS and applications of other pesticides to HARASS sensitive crops

during the same spray season, it is recommended that a sprayer be dedicated to HARASS to further reduce the chance of crop injury.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Importance of Droplet Size

The most effective way to reduce drift potential is to apply large droplets (>150-200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See **Wind, Temperature and Humidity, and Temperature Inversions** sections of this label.

Controlling Droplet Size – General Techniques

- **Volume** – use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- **Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Controlling Droplet Size – Aircraft

- **Number of Nozzles** – Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- **Nozzle Orientation** – Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- **Nozzle Type** – Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
- **Boom Length** – The boom length should not exceed ¼ of the wing or rotor length – longer booms increase drift potential.
- **Application Height** – Application more than 10 ft above the canopy increases the potential for spray drift.

Boom Height

Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Wind

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.

Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

Air Assisted (Air Blast)

Field Crop Sprayers

Air assisted field crop sprayers carry droplets to the target via a downward directed air stream. Some may reduce the potential for drift, but if a sprayer is unsuitable for the application and/or set up improperly, high drift potential can result. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, is configured properly, and that drift is not occurring. Note: Air assisted field sprayers can affect product performance by affecting spray coverage and canopy penetration.

RESISTANCE

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide resistant weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank mix partners and/or sequential herbicide applications that have a different site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes. See the Weeds Controlled section of this label for additional information on managing herbicide resistant weed biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representatives for specific alternative cultural practices or herbicide recommendations available in your area.

INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

PRECAUTIONS

- Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

Do not apply, drain or flush 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.

Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants.

- Injury to or loss of adjacent sensitive crops and vegetation may result from failure to observe the following:

Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.

Carefully observe all sprayer cleanup instructions both prior to and after using this product, as spray tank residue may damage crops other than wheat, barley, oat, triticale, corn, or soybeans.

- Wheat, barley, oat, triticale, corn and soybean varieties may differ in their response to various herbicides. Cheminova recommends that you first consult your state experiment station, university, or extension agent as to sensitivity to any herbicide. If no information is available, limit the initial use of HARASS to a small area.
- For wheat, barley, oat, and triticale, under certain conditions such as heavy rainfall, prolonged cold weather (daily high temperatures less than 50 Deg. F.), or wide fluctuations in day/night temperatures prior to or soon after HARASS application, temporary discoloration and/or crop injury may occur. To reduce the potential of crop injury, tank mix HARASS with 2,4-D (ester formulations perform best – see the **TANK MIXTURES FOR CEREALS** section of this label) and apply after the crop is in the tillering stage of growth.
- HARASS should not be applied to corn, oat, wheat, barley, triticale or soybeans that are stressed by severe weather conditions, drought (including low levels of subsoil moisture), low fertility, water-saturated soil, disease, or insect damage, as crop injury may result. Risk of injury is greatest when the cereal crop is in the 2 to 5-leaf stage. Severe winter stress, drought, disease, or insect damage following application also may result in crop injury.
- Do not apply to wheat, barley, oat or triticale crops underseeded with another crop.
- For ground applications applied to weeds when dry, dusty field conditions exist, control of weeds in wheel track areas may be reduced.

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INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Cheminova or the Seller. All such risks shall be assumed by Buyer and User. Buyer and User agree to hold Cheminova and the Seller harmless for any claims related to such factors.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova's election:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

In no case shall Cheminova be liable for consequential, incidental, or special damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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SUPPLEMENTAL LABELING

HARASS™
herbicide

TANK MIX WITH ACHIEVE AND STARANE HERBICIDES FOR WILD OAT CONTROL IN WHEAT AND BARLEY

GENERAL INFORMATION

HARASS herbicide is a dry flowable formulation that selectively controls certain broadleaf weeds in wheat and barley. The degree and duration of control may depend on the weed spectrum and infestation intensity, the weed size at application and/or the environmental conditions at and following treatment.

HARASS is noncorrosive to equipment, nonflammable, and nonvolatile.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. HARASS can be tank mixed with Achieve 40 DG and Starane herbicides for improved control of Wild oat in wheat and barley.

USE RATES

For best results, when tank mixed with Achieve and Starane, do not use less than 0.5 ounce HARASS per acre.

Tank mix HARASS with 0.62 ounce per acre (0.24 pounds active ingredient per acre) Achieve 40 DG for wild oat control. This tank mix should also include 0.8 fl oz per acre of Starane for a greater spectrum of broadleaf weed control.

Note: Green foxtail, yellow foxtail, Persian darnel and other grass weeds will not be controlled by this tank mix.

POSTEMERGENCE APPLICATIONS

For postemergence applications, apply to young, actively growing weeds after crop emergence. Typically, small weeds (less than 1" in height or diameter) that are actively growing at application are most easily controlled.

Refer to the Achieve 40 DG, Starane, and HARASS labels for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on any tank mix partner label will apply. Do not use the tank mix if any restrictions on the Achieve or Starane label conflict with recommendations on the HARASS herbicide label.

IMPORTANT

BEFORE USING HARASS, ACHIEVE AND/OR STARANE HERBICIDES READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

This bulletin contains new or supplemental instructions for use of this product, which do not appear on the EPA-registered package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

Read the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies on the Section 3 Federal product label before buying or using this product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies on the Section 3 Federal product label.

HARASS™ is a trademark of Cheminova. "Achieve" is a registered trademark of Syngenta Crop Protection Inc. "Starane" is a registered trademark of Dow AgroSciences LLC.

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HARASS™
herbicide

**PLUS GLYPHOSATE (TANK MIXTURE) FOR WEED CONTROL IN STS X
ROUNDUP READY STACKED TRAIT SOYBEANS**

GENERAL INFORMATION

HARASS herbicide is a dry flowable formulation that selectively controls certain broadleaf weeds in soybeans.

DIRECTIONS FOR USE

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

HARASS at up to 0.33 oz per acre may be tank mixed with glyphosate for control of certain broadleaf weeds in STS X Roundup Ready stacked trait soybeans. For tank mixtures of HARASS plus glyphosate herbicide, always read and follow all use directions, restrictions, and precautions on the EPA approved labeling. When tank mixing, the most restrictive labeling applies. The tank mixture of HARASS plus glyphosate is recommended for use only on soybeans designated "STS® X Roundup Ready stacked trait". Severe injury or death of soybeans will result if any soybeans not designated as "STS® X Roundup Ready stacked trait" are treated with this tank mixture.

Application Information

Timing to Crop

The HARASS plus glyphosate tank mix may be applied to "STS® X Roundup Ready stacked trait" soybeans anytime after the first trifoliolate has expanded fully and up until 60 days before soybeans are harvested.

Rate of Application and Weed Size

For improved control of common lambsquarters, volunteer Roundup Ready canola, ALS-sensitive horseweed and kochia, and/or wild buckwheat, tank mix up to 0.33 oz HARASS per acre with a recommended rate of glyphosate. Refer to the

HARASS and glyphosate manufacturer's labels and technical bulletins for other weeds which may be controlled or suppressed, and the maximum weed size at application. For best results, apply to small, actively growing weeds. Do not apply more than 0.33 oz HARASS per acre per growing season.

Adjuvants

When tank mixing HARASS with glyphosate, the addition of ammonium sulfate (AMS) at 4.25 – 17 lb per 100 gal of spray mixture is recommended. Refer to the glyphosate manufacturer's label for specific ammonium nitrogen recommendations. When velvetleaf is present, the addition of ammonium sulfate is required at a minimum rate of 2 lb per acre.

The addition of surfactant at 0.125 – 0.25% v/v (1-2 pt per 100 gal spray mixture) to HARASS plus glyphosate tank mixes will improve weed control when glyphosate products are used that do not contain built-in adjuvant systems. Glyphosate products differ in their adjuvant contents. Glyphosate products such as Glyphos or Roundup Original allow the addition of surfactants. Refer to the glyphosate product label for the manufacturer's specific surfactant recommendation.

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CONTROL IN WHEAT AND BARLEY

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**IMPORTANT
BEFORE USING HARASS HERBICIDE, READ
AND FOLLOW ALL APPLICABLE
DIRECTIONS, RESTRICTIONS, AND
PRECAUTIONS ON THE EPA-REGISTERED
LABELS.**

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SUPPLEMENTAL LABELING

HARASS™
herbicide

**PRE-PLANT OR AT-PLANTING BURNDOWN IN COTTON, FIELD CORN,
RICE, GRAIN SORGHUM, AND SOYBEANS**

HARASS herbicide may be applied for burndown of emerged weeds before planting, or at planting, of cotton, field corn, rice, grain sorghum and soybeans.

DIRECTIONS FOR USE

HARASS may be used as part of a pre-plant or at-planting burndown treatment, in combination with other suitable registered herbicides. Read and follow all manufacturers label recommendations for the companion herbicide. If those recommendations conflict with this label, do not tank mix the herbicide with HARASS. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. In fields to be planted to cotton, apply HARASS at 0.2 to 0.33 ounce per acre. Allow at least 7 days between application and planting of cotton. In fields to be planted to field corn, grain sorghum, rice or soybeans, apply HARASS at 0.3 to 0.6 ounce per acre for control or partial control of the weeds listed on the EPA registered label. Include a nonionic surfactant, petroleum based crop oil concentrate, or vegetable seed-based oil product (methylated seed oils are considered a vegetable seed-based oil).

- If another herbicide is tank mixed with HARASS to increase the broadleaf weed spectrum, select adjuvants based on the adjuvant limitations of the companion herbicide.

SPRAY ADJUVANTS

Nonionic Surfactant (NIS)

Apply at a rate (concentration) of 0.25-0.5% v/v/(1-2 qt per 100 gal spray solution). Use the higher rate in hot and dry conditions to enhance control.

Crop Oil Concentrate

Under dry conditions or during cool weather, a petroleum-based crop oil concentrate, or

vegetable seed-based oil product may be used in place of a nonionic surfactant at 1-2 gallon/100 gal of spray solution (1-2% v/v) to enhance weed control. Use a petroleum-based crop oil concentrate with at least 14% emulsifier/surfactant and 80% oil.

Ammonium Nitrogen Fertilizer

An ammonium nitrogen fertilizer can be added to a surfactant or a crop oil concentrate to enhance control. Alternatively, a high quality, sprayable grade of ammonium sulfate (21-0-0) may be used.

IMPORTANT PRECAUTIONS

Seedling disease, nematodes, cold weather, deep planting (more than 2"), excessive moisture, high salt concentration, and/or drought may weaken cotton seedlings and increase the possibility of crop injury. Cotton resumes normal growth once favorable growing conditions return.

RESTRICTIONS

- DO NOT apply after planting sorghum or rice.
- DO NOT apply later than 7 days before planting cotton.
- DO NOT allow livestock to graze on, or feed forage, hay or straw from treated soybean fields.
- DO NOT make more than one pre-plant or at-planting application of HARASS to field corn, rice, sorghum, or soybeans per growing season.
- DO NOT apply more than 0.6 oz of HARASS to rice or grain sorghum pre-plant or at-planting.
- DO NOT apply more than 0.6 oz HARASS per acre per growing season to field corn or soybeans. Application(s) to these crops can be made pre-plant/at-planting, and/or postemergence. Refer to EPA registered label for specific post-emergence use directions.

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**IMPORTANT
BEFORE USING HARASS HERBICIDE, READ
AND FOLLOW ALL APPLICABLE
DIRECTIONS, RESTRICTIONS, AND
PRECAUTIONS ON THE EPA-REGISTERED
LABELS.**

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HARASS™ is a trademark of Cheminova

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SUPPLEMENTAL LABELING

"CLASSIC"⁴ HERBICIDE and HARASS[™] HERBICIDE

CLASSIC⁴ HERBICIDE & HARASS¹ HERBICIDE TANK MIX APPLICATION WITH REDUCED RATES OF PURSUIT² DG HERBICIDE FOR CONTROL OF NIGHTSHADE IN SOYBEANS IN THE STATES OF INDIANA, IOWA, MICHIGAN, MINNESOTA, OHIO, PENNSYLVANIA, SOUTH DAKOTA AND WISCONSIN

"CLASSIC"⁴ Herbicide and HARASS¹ herbicide may be applied in a tank mix with a reduced rate of "PURSUIT DG"² for the control of nightshade in addition to those weeds listed on the "CLASSIC" or HARASS labels in the states of Indiana, Iowa, Michigan, Minnesota, Ohio, Pennsylvania, South Dakota and Wisconsin.

DIRECTIONS FOR USE

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

HOW TO USE

"CLASSIC" at 1/4-3/4 oz/ac plus HARASS at 1/12 oz/ac, or "CLASSIC" at 1/4-1/3 oz/ac plus HARASS at 1/12 oz/ac may be tank mixed with 0.72 oz/ac "PURSUIT DG" for postemergence control of weeds listed on the "CLASSIC" and/or HARASS labels, and for the control of eastern black nightshade less than 2 inches tall. Refer to the "CLASSIC" and HARASS labels, and for other weeds controlled and maximum heights.

Best results are obtained when "CLASSIC" and HARASS are tank mixed with "PURSUIT DG" and applied to weeds that are young (after the first true leaves have expanded, but before they exceed the size indicated on this label) and actively growing. This is generally 21 – 30 days after planting of soybeans.

Applications made to weeds that are in the cotyledon stage, or to weeds larger than the sizes indicated, or to weeds under stress (weather, herbicide, or other) may result in unsatisfactory control.

This program is recommended for the control of broadleaf weeds only. Other measures should be used to control grassy weeds.

ADJUVANTS: Postemergence applications of "CLASSIC" and HARASS tank mixed with "PURSUIT DG" must include the addition of a nonionic surfactant and ammonium nitrogen fertilizer.

- Use a nonionic surfactant at the rate of 1 pint per 100 gal of solution (0.125% v/v). Under dry, cool (generally 70° F or less) conditions the rate of nonionic surfactant may be increased to 2 pints per 100 gal of solution (0.25% v/v).
- Use a high quality nitrogen fertilizer product such as 28-0-0 at a rate of 4 – 8 pints per acre, or 10-34-0 at a rate of 2 – 4 pints per acre. Alternately, a high quality, sprayable grade of ammonium sulfate (21-0-0) may be used at a rate of 2 – 4 pounds per acre. Use the lower rate for spray volumes less than 15 gal/ac.
- Do not use "Dash²", "Dash HC", crop oil concentrates or methylated seed oil products such as "SunIt II"³ when tank mixing "CLASSIC" and HARASS, as excessive crop injury may occur.

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APPLICATION INFORMATION

Broadcast Application: Use flat fan nozzles at 25 – 40 psi. Do not use flood, hollow cone, rain drop, whirl chamber or controlled droplet application (CDA) type nozzles as unacceptable crop injury, excessive spray drift, or poor weed control may result. Use 10 – 25 gallons of water per acre. For proper spray coverage, adjust the boom and nozzle height according to the specifications listed by the nozzle manufacturer.

Band Application: For band application, use proportionately less spray mixture. To avoid crop injury, carefully calibrate the band applicator so as not to exceed the desired use rate. Carefully follow the manufacturer's instructions for nozzle type, (flat fan preferred), nozzle orientation, distance of the nozzles from the crop and weeds, spray volumes, calibration, and spray pressure.

Aerial Application: Use nozzle types and arrangements that will provide for optimum spray distribution and maximum coverage at 5 to 10 gallons per acre. Do not apply during a temperature inversion, when winds are gusty, or when other conditions will favor poor coverage and/or off target spray movement. Use a minimum of 5 gallons of water per acre. Consult the respective product labels for special directions for aerial application.

IMPORTANT PRECAUTIONS

- Soybeans should be free from stress and actively growing at the time of application. Stress may be caused by abnormally hot or cold weather, growing conditions such as drought or water-saturated soil, disease, soil nutrient deficiencies such as iron chlorosis, or injury from nematodes, insects, or prior herbicide applications.
- Applications of "CLASSIC" AND HARASS, when tank mixed with "PURSUIT DG", may shorten stem internodal length and cause temporary crop injury. Crop response may be increased when applications are made to soybeans that are under stress. Soybeans will recover quickly under normal growing conditions.
- Cultivation may put weeds under stress by pruning roots, thus reducing weed control. Avoid cultivation 7-10 days prior to or following application of the herbicide treatment. For maximum weed control, cultivate 7-10 days after application.

- Apply this treatment after the first trifoliolate of the soybean has fully expanded and the plants are actively growing, but before soybeans begin to flower.
- Refer to the "CLASSIC", HARASS, and "PURSUIT DG" labels for additional use directions, use restrictions, rotational crop intervals, and precautions. The most restrictive provision on either label will apply.
- Applications within 1 hour of rain may reduce weed control.

IMPORTANT BEFORE USING "CLASSIC" AND HARASS PLUS "PURSUIT DG" HERBICIDES, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

- ¹ HARASS is a trademark of Cheminova
- ² Registered trademark of BASF AG Corporation
- ³ Registered trademark of Agsco, Inc.
- ⁴ Registered trademark of DuPont.

HARASS™ herbicide

TANK MIX WITH PURSUIT² DG HERBICIDE FOR POSTEMERGENCE BROADLEAF WEED CONTROL IN SOYBEANS FOR USE IN THE STATE OF NORTH DAKOTA

DIRECTIONS FOR USE

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

HARASS herbicide is recommended for postemergence control of the broadleaf weeds listed below when applied to soybeans in a tank mix with "PURSUIT DG"² Herbicide in the state of North Dakota.

This tank mix is labeled for the control of broadleaf weeds only. Different control measures should be used to control grassy weeds, such as an application of "SELECT"⁴ OR "ASSURE⁵ II" Herbicide 1 day before or 7 days after applying HARASS plus "PURSUIT DG". Conversely, a soil applied preemergence grass herbicide may be used in a planned weed control program with HARASS plus "PURSUIT DG".

Do not apply this tank mix through any type of irrigation system.

HOW TO USE

A tank mix of 1/12 ounce/acre of HARASS plus 1.08 ounce/acre "PURSUIT DG" is recommended for postemergence control of the broadleaf weeds listed in the table below. Best results are obtained when the HARASS plus "PURSUIT DG" tank mix is applied to weeds that are young (after the first true leaves have expanded, but before they exceed the size indicated in the table below) and actively growing. Applications made to weeds that are in the cotyledon stage, larger than the size indicated below, or to weeds under stress (weather, herbicide, or other) may result in unsatisfactory control.

WEEDS CONTROLLED	SIZE (Height in inches)
Cocklebur	2 - 4
Lambsquarters	2 - 4
Nightshade	
black	1 - 3
eastern black	1 - 3
hairy	1 - 3
Pigweed	
tough (redroot)	2 - 12
other pigweed species	2 - 8
waterhemp species	2 - 8
Smartweeds, annual	2 - 6
Velvetleaf	2 - 6
Wild mustard	up to 4 (diameter)

WHEN TO APPLY

Apply after the first trifoliolate of the soybean plant has fully expanded. Applications of HARASS plus "PURSUIT DG" tank mixes must be made before soybeans have begun to flower. There should be an interval of at least 85 days between an application of "PURSUIT DG" and soybean harvest.

The soybeans should be free from stress and actively growing at the time of application. Stress may be caused by abnormally hot or cold weather, growing conditions such as drought or water-saturated soil, disease, soil nutrient deficiencies such as iron chlorosis, or injury from nematodes, insects, or prior herbicide applications.

Applications of HARASS plus "PURSUIT DG" may shorten stem internodal length and cause temporary crop injury. Crop response may be increased when applications are made to soybeans that are under stress.

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ADJUVANTS

Postemerge applications of HARASS tank mixed with "PURSUIT DG" must include the addition of a nonionic surfactant and ammonium nitrogen fertilizer.

- A nonionic surfactant must be included at the rate of 1 pint per 100 gallons of solution (0.125% v/v concentration). Do not use DASH² or SUNIT-II³
- Use a high quality liquid nitrogen fertilizer such as 28-0-0 at a rate of 4 – 8 pints per acre, or 10-34-0 at a rate of 2 – 4 pints per acre. Use the lower rate for spray volumes less than 15 gallons per acre. Alternately, a high quality, sprayable grade of ammonium sulfate (21-0-0) may be used at a rate of 2 – 4 pounds per acre.

Broadcast Application: Use flat fan nozzles at 25 – 60 psi. Do not use flood, hollow cone, rain drop, whirl chamber or controlled droplet application (CDA) type nozzles as unacceptable crop injury, excessive spray drift, or poor weed control may result. Use 10 – 25 gallons of water per acre. For proper spray coverage, adjust the boom and nozzle height according to the specifications listed by the nozzle manufacturer.

Band Application: For band application, use proportionately less spray mixture. To avoid crop injury, carefully calibrate the band applicator so as not to exceed the desired use rate. Carefully follow the manufacturer's instructions for nozzle type, (flat fan nozzles preferred), nozzle orientation, distance of the nozzles from the crop and weeds, spray volumes, calibration, and spray pressure.

Aerial Application: Use nozzle types and arrangements that will provide optimum spray distribution and maximum coverage at 5 to 10 GPA. Do not apply during a temperature inversion, when winds are gusty, or when other conditions will favor poor coverage and/or off target spray movement. Use a minimum of 5 gallons of water per acre. Consult the respective product labels for special directions for aerial application.

ROTATIONAL CROP GUIDELINES

Any crop may be planted 45 days after an application of HARASS. Refer to the "PURSUIT DG" labels for guidelines on planting rotational crops following its use. Follow the maximum time interval listed on the respective labels prior to planting a rotational crop. The most restrictive time interval shall apply.

RESTRICTION AND LIMITATIONS (Partial List)

Refer to the HARASS and "PURSUIT DG" labels for additional use directions, use restrictions, and precautions. The most restrictive provision on either label will apply.

Sequential applications of HARASS following postemerge "PURSUIT DG" treatments are not recommended because:

- Crop injury from sequential postemerge applications of HARASS following "PURSUIT DG" is greater than from the use of either product applied alone. The first application interferes with the soybean plant's ability to metabolize the second herbicide treatment. Sequential applications may result in severe crop injury.

- Any weeds not controlled by the "PURSUIT DG" application will be stressed at the time of the sequential treatment. This will result in unsatisfactory weed control, particularly for stress sensitive weeds such as lambsquarters.

- Weeds that have recovered from a "PURSUIT DG" application will typically be larger than labeled size by the time soybeans may be safely treated with a HARASS application. This will result in unsatisfactory weed control.

HARASS plus "PURSUIT DG" treatments may be tank mixed with an appropriately labeled post grass herbicide to control volunteer corn and shattercane. "PURSUIT DG" will reduce the activity on all other grasses. For broad spectrum grass control, apply post grass herbicide 1 day before, or 7 days after "PURSUIT DG" treatments. Refer to the grass herbicide label for recommended application rates, weed sizes, and restrictions.

Applications within 1 hour of rain may reduce weed control.

Cultivation before, during, or within 7 days after the application may put the weeds under stress by pruning roots. Root pruning may reduce weed control. The best time to cultivate is approximately 14 days after application.

Do not allow spray from either ground or aerial equipment to drift onto adjacent crops or land, as injury to other plants may occur.

Do not tank mix with organophosphate insecticides, or apply within 14 days before or after an application of an organophosphate insecticide as severe crop injury may occur.

To avoid subsequent injury to crops other than soybeans, thoroughly clean all mixing and spray equipment immediately following application. Refer to the respective labels for cleanout procedures. Follow the more restrictive cleanout recommendation.

Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.

IMPORTANT

BEFORE USING HARASS AND "PURSUIT DG" OR A 3-WAY TANK MIX WITH A POST GRASS HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

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