352-633 2/28/2008 1/38

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

NOTIFICATION

FEB 28 2008

Edward T. Bockrath
U. S. Registration Coordinator
DuPont Crop Protection
E.I. DuPont de Nemours and Company
Stine-Haskell Research Center
P.O. Box 30
Newark, DE 19714

SUBJECT: Application for Pesticide Notification – Add New York Restriction
DuPont™ Harmony® SG Herbicide (with TotalSol® soluble granules)
EPA Reg. No. 352-633
Application Dated November 13, 2007

Dear Mr. Bockrath:

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

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

Sincerely,

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

2/38

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☑ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
352-633	J. A. Tompkins	☑ None ☐ Restricted
4. Company/Product (Name) DuPont™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)	PM# 25	

5. Name and Address of Applicant *(Include ZIP Code)*
E.I. duPont de Nemours and Company
Stine-Haskell Research Center, PO Box 30
Newark, DE 19714

☐ *Check if this is a new address*

6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

☐ Amendment - Explain below.
☐ Resubmission in response to Agency letter dated _____
☑ Notification - Explain below.
☐ Final printed labels in repsonse to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

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

NOTIFICATION: Incorporation of the statement "This product is limited to ground application only in the State of New York. Do not apply by air in that state." onto the Master Label (identified as SL-1234-1 111307 08-02-07) from a supplemental label (H-65481) that was approved on August 2, 2007 as part of a Master Label (SL-1234 081607 08-02-07 or H-65462) for "DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules)". This notification is consistent with the provisions of PR Notice 98-10 and EPA Regulations at 40 CFR 152.46, and no other changes have been made to the labeling or Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 or 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
***Certification must be submitted**	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☐ Label ☐ Container		☐

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Edward T. Bockrath	US Registration Coordinator	302-366-6418

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingily false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received **(Stamped)**

2. Signature	3. Title
Edward Bockrath	US Registration Coordinator
4. Typed Name	**5. Date**
Edward T. Bockrath	November 13, 2007

DuPont Crop Protection
Stine Haskell Research Center
P.O. Box 30
Newark, DE 19714-0030

REGISTRATION ACTION: Notification of label change

FEE CATEGORY: Not Applicable **REGISTRATION FEE: Not Applicable**

E-Mail Contact: DuPont.USRegFee@usa.dupont.com

November 13, 2007

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

SUBJECT: Notification of a label change;
"DuPont™ HARMONY ® SG Herbicide (with TotalSol ® soluble granules)";
EPA Reg. No. 352-633

Dear Sir or Madam,

E.I. duPont de Nemours and Company is herein notifying the Agency of the incorporation of the following statement onto Master Labeling (identified as SL-1234-1 111307 08-02-07) for "DuPont™ HARMONY ® SG Herbicide (with TotalSol ® soluble granules)", EPA Reg. No. 352-633:

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

This statement has been inserted under the "Aerial Application" section of the Master Label and appears on supplemental labeling (identified as R-346-3 052907 03-01-04 or H-65481) that was accepted by the Agency on August 2, 2007 as part of an amended Master Label (identified as SL-1234 081607 08-02-07 or H-65462) for "DuPont™ HARMONY ® SG Herbicide (with TotalSol ® soluble granules)".

DuPont is incorporating this statement under the "Aerial Application" section of the Master Label in response to a letter from the New York State Department of Environmental Conservation, dated September 28, 2007. In that letter, New York informed DuPont that all products containing the active ingredient thifensulfuron methyl must contain language on their product labels prohibiting aerial application in the State of New York as conditions of registration.

To facilitate this notification, enclosed are the following documents:

- A completed "Application for Pesticide – Other", EPA Form 8570-1

- Two copies of product labeling (SL-1234-1 111307 08-02-07) reflecting the incorporation of the aerial application statement for the State of New York for "DuPont™ Harmony ® SG Herbicide (with TotalSol ® soluble granules)"

- One highlighted copy of product labeling (SL-1234-1 111307 08-02-07) reflecting the incorporation of the aerial application statement for the State of New York for "DuPont™ Harmony ® SG Herbicide (with TotalSol ® soluble granules)"

- One copy of the Agency stamped "Accepted with Comments" Master Label for "DuPont™ Harmony ® SG Herbicide (with TotalSol ® soluble granules)" which includes the Section 3 label (D-1234 060607) and nine supplemental labels (R-345-3 052907 03-01-04, R-346-3 052907 03-01-04, R-347-3 052907 03-01-04, R-348-3 052907 03-01-04. R-349-3 052907 03-01-04, R-350-3 052907 03-01-04, DR-719 060607-2, DR-720 060607, and DR-721 060607-2), for reference

- One highlighted copy of the current Agency approved Master Label for "DuPont™ Harmony ® SG Herbicide (with TotalSol ® soluble granules)" which includes the Section 3 label (SL-1234 081607 08-02-07 or H-65462) and nine supplemental labels (H-65480, H-65481, H-65482, H-65483, H-65484, H-65485, H-65486, H-65487, and H-65488), for reference

- One copy of the letter from the New York State Department of Environmental Conservation dated September 28, 2007 informing DuPont that all products that contain thifensulfuron methyl as an active ingredient must contain language on their product labels that prohibit aerial application in the State of New York

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

If you have any questions regarding this submission, please contact me at 302-366-6418, or by e-mail at edward.t.bockrath@usa.dupont.com.

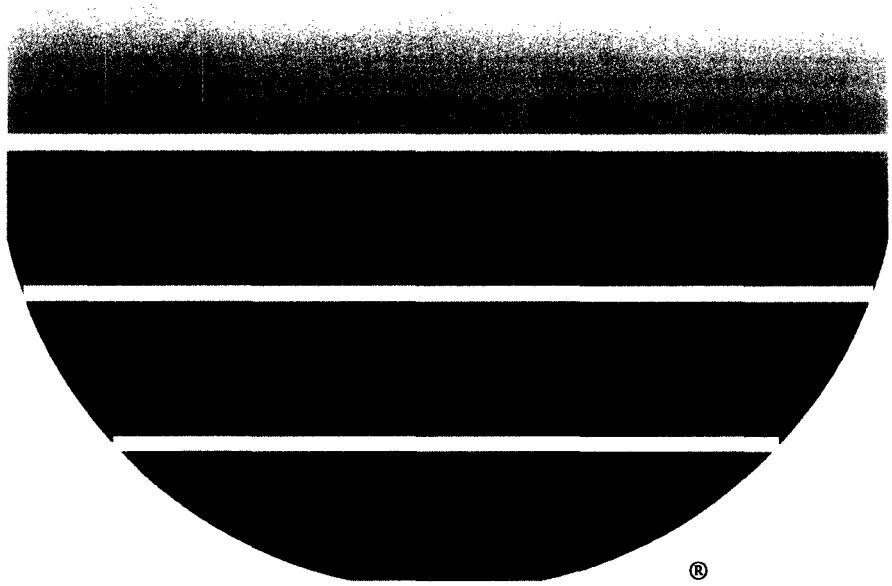
Best regards,

Edward Bockrath

Edward T. Bockrath
U.S. Registration Coordinator
DuPont Crop Protection

DuPont™ Harmony® SG

herbicide (with TotalSol® soluble granules)



"..... A Growing Partnership With Nature"

DUPONT™ HARMONY® SG HERBICIDE (WITH TOTALSOL® SOLUBLE GRANULES) HIGHLIGHTS

- May be applied by ground or by air.
- Wheat, Barley, Oat, Triticale, Soybeans and Field Corn may be replanted anytime after the application of HARMONY® SG. Any other crop may be planted 45 days after the application of HARMONY® SG.
- Certain environmental conditions, such as cool and dry, or hot and humid weather, affect the performance of HARMONY® SG. (See Environmental Conditions.)
- Consult label text for complete instructions. Always read and follow label directions for use.

Cereals

- For selective postemergence broadleaf weed control in Wheat (including Durum wheat), Barley, Oat, Triticale, post-harvest burndown, pre-plant burndown and Fallow.
- Apply at the rate of 0.45 to 0.9 ounce per acre on Wheat, Barley, Triticale, post-harvest burndown, pre-plant burndown and Fallow; 0.45 to 0.6 ounce per acre on Oat (see Cereals Application Information).
- Apply after the crop is in the 2-leaf stage, but before the flag leaf is visible on Wheat, Barley, Triticale and Winter Oat. On Spring Oat, apply after the crop is in the 3-leaf stage, but before jointing.
- Use in tank mixtures with other registered herbicides for broader spectrum weed control (see Cereals Tank Mixtures).

Soybeans

- For selective postemergence broadleaf weed control in soybeans.
- Apply at the rate of 0.125 (1/8) ounce per acre.
- Include a spray additive recommended in this label. (See Soybeans Spray Additives)
- Include a nitrogen fertilizer (example: 4-8 pints of 28-0-0). (See Soybeans Spray Additives.)
- For ground application to optimize HARMONY® SG performance, use flat fan nozzles and apply in 10-25 gallons of water at 25-60 psi.
- Apply to actively growing weeds at the recommended sizes. (See Soybeans Weeds Controlled.)
- Tank mix only with pesticides specified by this or other supplemental labeling. (See Soybeans Tank Mix Applications.)

TABLE OF CONTENTS

DUPONT®

DuPont™ Harmony® SG

herbicide (with TotalSol® soluble granules)

Soluble Granule

For Use on Wheat, Barley, Oat, Triticale, Fallow, Soybeans, and as a Pre-plant or Post-harvest Burndown Herbicide

Active Ingredient	By Weight
Thifensulfuron-methyl Methyl 3-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino]carbonyl]amino] sulfonyl]-2-thiophenecarboxylate	50%
Inert Ingredients	50%
TOTAL	100%

EPA Reg. No. 352-633

EPA Est. No. _____

Net Contents: _____

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 this label, find someone to explain it to you in detail.)

FIRST AID

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
You may also contact 1-800-441-3637 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution! Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

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 selection chart.

Applicators and other handlers must wear:
Long-sleeved shirt and long pants.
Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.
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.

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

Important: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "Applicators and Other Handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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

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 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

DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) is recommended for selective postemergence control of certain broadleaf weeds in wheat (including durum), barley, oat, triticale, post-harvest burndown, pre-plant burndown, fallow and soybeans. HARMONY® SG is a soluble 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 HARMONY® SG 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. HARMONY® SG 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 HARMONY® SG, while cold, dry conditions delay the activity. Weeds hardened-off by cold weather or drought stress will be less susceptible.

A vigorous 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.

HARMONY® SG 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 HARMONY® SG under otherwise normal conditions. Treatment of sensitive crop varieties may injure crops.

In Cereals, to reduce the potential of crop injury, tank mix HARMONY® SG with 2,4-D (ester formulations perform best–see the "TANK MIXTURES" section of this label) and apply after the crop is in the tillering stage of growth.

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

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 responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment(PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 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 made of any waterproof material.
Shoes plus socks.

Do not apply this product through any type of irrigation system. HARMONY® SG herbicide should be used only in accordance with recommendations on this label or in separately published DuPont recommendations.

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

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

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.

Fallow

Apply DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) in the spring or fall when the majority of weeds have emerged and are actively growing. (See the "CROP ROTATION" section of this label for additional information).

Pre-Plant Burndown

For burndown of emerged weeds, broadcast applications of HARMONY® SG may be applied up through planting, but before wheat (including durum), barley, oat, triticale, soybeans and field corn plants emerge. Apply HARMONY® SG as a burndown treatment before planting any other crop (such as sugarbeets, canola, cotton, rice, or grain sorghum) at least 45 days prior to planting. (See the "CROP ROTATION" section of this label for additional information).

Post Harvest

HARMONY® SG 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

In cereals, do not use less than 0.45 ounce HARMONY® SG per acre.

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

Wheat, Barley and Triticale

Apply 0.75 ounce HARMONY® SG herbicide per acre to wheat (including durum), barley or triticale for control or partial control of the weeds listed below.

Use 0.9 ounce HARMONY® SG per acre when weed infestation is heavy and predominately consists of those weeds listed under partial control, or when application timing and environmental conditions are marginal (refer to the "APPLICATION TIMING" and "GENERAL INFORMATION" sections of this label).

Use 0.45 ounce HARMONY® SG per acre when weed infestation is light and predominately consists of those weeds listed under weeds controlled, and when optimum application conditions occur.

Sequential treatments of HARMONY® SG may be made provided the total amount of HARMONY® SG applied to the crop does not exceed 1.5 ounce per acre.

Oat (Spring and Winter)

Apply 0.45 to 0.6 ounce HARMONY® SG per acre for control of the weeds listed in WEEDS CONTROLLED table.

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

Do not make more than one application of HARMONY® SG per crop season on oat.

Fallow

HARMONY® SG may be used as a postemergence fallow treatment, in combination with other suitable registered fallow herbicides (See the "TANK MIXTURES" section of this label for additional information). Apply HARMONY® SG at 0.45 to 0.9 ounce per acre to fallow for control or partial control of the weeds listed below. Sequential treatments of HARMONY® SG may be made provided the total amount of HARMONY® SG applied to the crop does not exceed 1.5 ounce per acre.

Pre-Plant Burndown

HARMONY® SG 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 the "APPLICATION TIMING" section of this label for restriction on planting intervals.)

Apply HARMONY® SG at 0.45 to 0.9 ounce per acre for control or partial control of the weeds listed below. Use 0.9 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 HARMONY® SG may also be made provided the total amount of HARMONY® SG applied during one fallow/pre-plant season does not exceed 1.5 ounce per acre.

DuPont HARMONY® SG should be applied in combination with other suitable registered pre-plant burndown herbicides (See the "TANK MIXTURES" section of this label for additional information.)

Post Harvest

Apply HARMONY® SG at 0.45 to 0.9 ounce per acre to crop stubble after harvest. Use the 0.9 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 "APPLICATION TIMING" section of this label for restriction on planting intervals). HARMONY® SG should be applied in combination with other suitable registered burndown herbicides (See the "TANK MIXTURES" section of this label for additional information).

Sequential treatments of DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) may also be made provided the total amount of HARMONY® SG applied during one fallow/pre plant cropland season does not exceed 1.5 ounce per acre.

SPRAY ADJUVANTS

Include a spray adjuvant with applications of HARMONY® SG. An ammonium nitrogen fertilizer may also 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, local DuPont fact sheets and technical bulletins prior to using an adjuvant system. If another herbicide is tank mixed with HARMONY® SG, select adjuvants authorized for use with both products. Products must contain only EPA-exempt ingredients (40 CFR 1001).

Nonionic Surfactant (NIS)

- Apply 0.25 to 0.50% volume/volume (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" section 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 DuPont 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 product literature for use rates and restrictions.
- In addition to the adjuvants specified above, other adjuvant types may be used if they provide the same functionality and have been evaluated and approved by DuPont product management. Consult separate DuPont technical bulletins for detailed information before using adjuvant types not specified on this label.

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.

CEREALS AND FALLOW

WEEDS CONTROLLED

Annual knawel
Annual sowthistle
Black mustard
Bushy wallflower /Treacle mustard
Carolina geranium
Coast fiddleneck
Common buckwheat
Common chickweed*
Common groundsel
Common lambsquarters
Corn chamomile
Corn spurry
Cress (mouse-ear)
Curly dock
False chamomile
Field pennycress
Flixweed
Green smartweed
Kochia *†
Ladysthumb
London rocket
Mallow (little)
Marshelder
Miners lettuce
Mouseear chickweed
Pennsylvania smartweed
Prostrate knotweed
Redmaids
Redroot pigweed
Russian thistle*†
Scentless chamomile/mayweed
Shepherd's-purse
Smallflower buttercup
Stinking mayweed /Dogfennel
Swinecress
Tarweed fiddleneck
Tumble/Jim Hill mustard
Volunteer lentils
Volunteer peas
Volunteer sunflower*
Wild buckwheat*
Wild chamomile
Wild garlic*
Wild mustard

*PARTIAL CONTROL***

Common cocklebur
Common sunflower*
Cutleaf eveningprimrose
Henbit
Mallow (common)
Prickly lettuce*†
Tansymustard*
Wild radish*

* See SPECIFIC WEED PROBLEMS 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 0.75 or 0.9 ounce HARMONY® SG per acre and include a tank mix partner such as 2,4-D, MCP, 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.

SPECIFIC WEED PROBLEMS

Common chickweed and wild buckwheat: For best results, apply a minimum of 0.75 ounce HARMONY® SG 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 HARMONY® SG application.

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

HARMONY® SG should be applied in the spring when kochia are less than 2" tall and are actively growing (refer to

the "TANK MIXTURES" section of this label for additional details on rates and restrictions).

Russian thistle, Prickly lettuce: Naturally occurring biotypes resistant to DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) of these weeds are known to occur. For best results, use HARMONY® SG in a tank mix with dicamba (such as "Banvel"/ "Clarity") and 2,4-D or MCP (ester or amine), or bromoxynil containing products (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced").

HARMONY® SG 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" section of this label for additional details on rates and restrictions).

Wild garlic: For best results, apply 0.75 to 0.9 ounce HARMONY® SG 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 0.9 ounce per acre rate of HARMONY® SG. 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 HARMONY® SG plus metribuzin may result in reduced control of wild garlic.

Wild radish: For best results, apply 0.75 to 0.9 ounce HARMONY® SG per acre 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 DuPont™ EXPRESS®, "Beyond", "Pursuit", "Raptor") are under development. For best results, use HARMONY® SG in a tank mix with Starane, Starane + Salvo, Starane + Sword, dicamba (such as "Banvel"/ "Clarity") and 2,4-D or MCP (ester or amine), or bromoxynil containing products (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced").

TANK MIXTURES

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 HARMONY® SG. 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.

Wheat, Barley and Triticale

In cereals HARMONY® SG may be tank mixed with other suitable registered herbicides to control weeds listed as partially controlled, weeds resistant to HARMONY® SG or weeds not listed under the "WEEDS CONTROLLED" sections of this label.

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

HARMONY® SG may be tank mixed with the amine and ester formulations of 2,4-D and MCP herbicides for use on wheat, barley, oat, 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 MCP 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 MCP 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 phenoxy rates. Higher rates of 2,4-D or MCP may be used, but do not exceed the highest rate allowed by those respective labels.

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

HARMONY® SG may be tank mixed with 1/16 to 1/8 lb active ingredient dicamba (such as 2-4 fluid ounce "Banvel", 4-8 fluid ounce "Banvel" SGF, 2-4 fluid ounce "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 gal 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 HARMONY® SG plus dicamba may result in reduced control of some broadleaf weeds.

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

HARMONY® SG may be applied in a 3-way tank mix with formulations of dicamba and 2,4-D or MCP. Make application of HARMONY® SG plus 1/16 to 1/8 lb active ingredient dicamba (such as 2-4 fluid ounce "Banvel", 4-8 fluid ounce "Banvel" SGF, 2-4 fluid ounce "Clarity") plus 1/4-3/8 lb active ingredient 2,4-D or MCP 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).

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" or "Bronate Advanced")

HARMONY® SG 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 to 6 oz active ingredient per acre (such as "Bronate" or "Bison" at 3/4 - 1 1/2 pt per acre). Tank mixes of HARMONY® SG plus bromoxynil may result in reduced control of Canada thistle.

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

For improved control of Kochia (2-4" tall) DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) may be tank mixed with 1/3 to 2/3 pints per acre of Starane, 2/3 to 1 1/3 pints per acre of Starane + Salvo, 3/4 to 1 1/2 pints per acre of Starane + Sword.

2,4-D and MCP herbicides (preferably ester formulations) may be tank mixed with HARMONY® SG plus Starane. Consult local recommendations and the "TANK MIXTURES" section of this label for additional information.

With "Maverick"

HARMONY® SG can be tank mixed with "Maverick" herbicide for improved control of weeds in wheat.

With "Aim"

HARMONY® SG can be tank mixed with "Aim" herbicide for improved control of weeds in wheat and barley.

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

HARMONY® SG can be tank mixed with "Stinger" or "Curtail" or "Curtail M" herbicide for improved control of weeds in wheat and barley.

With DuPont™ EXPRESS® or EXPRESS® XP Herbicide

HARMONY® SG may be tank mixed with EXPRESS® or EXPRESS® XP based on local recommendations.

With DuPont™ ALLY® or ALLY® XP Herbicide

HARMONY® SG may be tank mixed with ALLY® or ALLY® XP based on local recommendations.

With "Assert" Herbicide or "Avenge" Herbicide

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

With "Discover"

HARMONY® SG can be tank mixed with "Discover" herbicide for improved control of weeds in spring wheat.

With "Everest"

HARMONY® SG can be tank mixed with "Everest" herbicide for improved control of weeds in spring wheat.

With "Hoelon"

A tankmix of "Hoelon" 3EC herbicide + HARMONY® SG herbicide 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 0.75 ounce per acre HARMONY® SG herbicide in spring and winter wheat.

A three-way tankmix of "Hoelon" 3EC herbicide + "Buctril" herbicide + HARMONY® SG herbicide 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 0.75 ounce per acre HARMONY® SG herbicide in winter wheat (up to 0.6 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 HARMONY® SG herbicide. When foxtail is the major grassy weed in the field, DO NOT tank mix "Hoelon" 3EC herbicide + HARMONY® SG herbicide - Use sequential treatments.

With "Achieve"

HARMONY® SG can be tankmixed with "Achieve" for wild oat control. This tankmix may also include 2,4-D ester, MCP ester, bromoxynil or bromoxynil/MCP 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 HARMONY® SG greater than 0.45 ounce per acre.

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

With "Puma"

HARMONY® SG herbicide can be tankmixed with "Puma" 1EC for control of some annual grass weeds. This tankmix may also include MCP ester, bromoxynil or bromoxynil/MCP, Starane, Starane + Sword for greater spectrum of broadleaf control - see "Puma" 1EC label for specific use directions and restrictions on tank mixes.

With "Tiller"

HARMONY® SG can be tankmixed with "Tiller" for green foxtail, foxtail millets and volunteer corn control.

With Other Grass Control Products

HARMONY® SG can be tankmixed with grass control products. Antagonism generally does not occur. However, DuPont recommends that you first consult your state experiment station, university, or extension agent, Agricultural dealer, or DuPont representative as to the potential for antagonism before using the mixture. If no information is available, limit the initial use of HARMONY® SG and the grass product to a small area.

With Fungicides

HARMONY® SG may be tank mixed or used sequentially with fungicides registered for use on cereal grains.

With Insecticides

HARMONY® SG 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 HARMONY® SG with organophosphate insecticides (such as "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 HARMONY® SG within 60 days of crop emergence where an organophosphate insecticide has been applied as an in-furrow treatment because crop injury may result.

Do not use DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) 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 HARMONY® SG in fertilizer solution.

HARMONY® SG must first be dissolved with water and then added to liquid nitrogen solutions (e.g., 28-0-0, 32-0-0). Ensure that the agitator is running while the HARMONY® SG 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 DuPont representative for a specific recommendation before adding an adjuvant to these tank mixtures.

If 2,4-D or MCP is included with HARMONY® SG and the fertilizer mixture, ester formulations tend to be more compatible (See manufacturer's label). Additional surfactant may not be needed when using HARMONY® SG in tank mix with 2,4-D ester or MCP ester and liquid nitrogen fertilizer solutions. Consult your agricultural dealer, consultant, field advisor, or DuPont 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 DuPont 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.

TANK MIXTURES IN FALLOW

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

TANK MIXTURES IN PRE-PLANT BURNDOWN APPLICATIONS

HARMONY® SG may be used as a pre-plant burndown treatment alone or tank mixed with other herbicides that are registered for use as a pre-plant burndown product, including glyphosate (such as Roundup), "Landmaster" II, "Fallow Master", "RT Master", glyphosate plus dicamba (such as "Banvel"/ "Clarity") or dicamba (such as "Banvel"/ "Clarity") alone.

TANK MIXTURES IN POST HARVEST APPLICATIONS

HARMONY® SG 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.

SOYBEANS

APPLICATION TIMING

HARMONY® SG herbicide may be applied to soybeans any time after the first trifoliate has expanded fully. Apply no later than 60 days before harvest.

USE RATES IN SOYBEANS

Make a single application of HARMONY® SG at a rate of 0.125 (1/8) ounce per acre for selective postemergence broadleaf weed control.

Note: DuPont™ PINNACLE® was formulated as 25% DF, HARMONY® SG is more concentrated, be certain to use rate noted above.

SPRAY ADDITIVES

Applications of HARMONY® SG in soybeans must include a nonionic surfactant or crop oil concentrate, and an ammonium nitrogen fertilizer.

Nonionic Surfactant

- Apply at the rate of 1 to 2 pt per 100 gal of spray solution (0.125% - 0.25% v/v concentration of formulated product). Surfactants must contain at least 50% of the formulated product as actual nonionic surfactant. Avoid products that do not accurately define their ingredients on the product label.
- Using the higher rate of nonionic surfactant, particularly under hot, humid conditions, may result in temporary crop injury.
- Do Not Use "Dash" unless specified on other DuPont supplemental labeling.
- In the States of Arkansas and South Carolina on soybeans, use only nonionic surfactant at a rate of 0.125% V/V (1 pt/100 gal of spray solution) - unless specified on other DuPont supplemental labeling.

Crop Oil Concentrate

Under dry conditions or during cool weather, a crop oil concentrate at 4 pt/100 gal of spray solution (0.5% v/v) may be used in place of a nonionic surfactant to enhance weed control.

- **Use a petroleum-based crop oil concentrate with at least 14% emulsifiers/surfactant and 80% oil.**

The use of crop oil concentrate may result in temporary crop injury.

Ammonium Nitrogen Fertilizer

An ammonium nitrogen fertilizer is recommended in addition to a surfactant or a crop oil concentrate and required where velvetleaf is present.

- Use a high-quality liquid nitrogen fertilizer such as 28-0-0 or 32-0-0 at a rate of 4-8 pints per acre, or 10-34-0 at a rate of 2-4 pints per acre.
- Alternatively, 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 gallons per acre.

CULTIVATION

A timely cultivation may be necessary to control suppressed weeds, weeds that were beyond the maximum size at the time of application, or weeds that emerge after an application of DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules).

- Do not cultivate before, during, or within 7 days after the application.
- Cultivation may decrease weed control by pruning roots and placing the weed under stress.
- The best time to cultivate is approximately 14 days after application.

WEEDS CONTROLLED

When applied to soybeans as directed, HARMONY® SG will control the following weeds:

Weeds Controlled	Maximum Height (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 Height (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 weed plants.

TANK MIXTURES IN SOYBEANS

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

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

With Postemergence Grass Herbicides

HARMONY® SG may be tank mixed with postemergence grass herbicides such as DuPont™ ASSURE® II herbicide. Do not tank mix with "Poast" Plus unless specified on other DuPont supplemental labeling.

Under certain conditions, HARMONY® SG may reduce the activity of the postemergent grass herbicide. The broadleaf activity of HARMONY® SG will not be affected. Refer to the postemergent grass herbicide label for specific use information and precautions.

With post 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 "Dash" or crop oil concentrate when tank mixing HARMONY® SG herbicide with postemergence grass herbicides unless specified on other DuPont supplemental labeling. Include a nonionic surfactant with the tank mix of HARMONY® SG and post grass herbicides such as ASSURE® II herbicide.

With "Basagran"

HARMONY® SG may be tank mixed with "Basagran" herbicide at the rate of 0.125 (1/8) ounce HARMONY® SG plus 1 pint "Basagran" per acre for control of these weeds in addition to those listed as controlled by HARMONY® SG alone:

Species	*Maximum Height (inches)*
cocklebur	4
jimsonweed	6
venice mallow	2
wild sunflower	4

Applications of HARMONY® SG + "Basagran" must include a nonionic surfactant or crop oil concentrate and an ammonium nitrogen fertilizer. See the "SOYBEANS" – "SPRAY ADDITIVES" section of this label.

With "Galaxy"

HARMONY® SG herbicide at 0.125 (1/8) ounce may be tankmixed with "Galaxy" herbicide at 2 pints per acre for improved control of black nightshade. Consult the "Galaxy" label for additional weeds controlled by "Galaxy". Best results are obtained when the HARMONY® SG + "Galaxy" tankmix is applied to weeds that are young and actively growing and before weeds exceed the size limits on the respective labels. Applications of HARMONY® SG + "Galaxy" must include a non-ionic surfactant or crop oil concentrate and an ammonium nitrogen fertilizer. See the "SOYBEANS" – "SPRAY ADDITIVES" section of this label. Use of the higher rate of non-ionic surfactant, particularly under hot, humid conditions may increase temporary crop injury. Considerable early season

crop injury may result from applications of this tank mix. The potential for adverse crop response is most pronounced during hot, humid conditions, under widely fluctuating climactic conditions, or with applications to soybeans under stress. Symptoms may appear as, but are not limited to, leaf speckling, leaf bronzing, and/or plant stunting.

SEQUENTIAL APPLICATIONS IN SOYBEANS

DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) following "Pursuit"

HARMONY® SG may be used as a sequential treatment to control newly emerged weeds following a soil application (preemerge, preplant, or preplant incorporated) of "Pursuit" or imazethapyr-containing products.

Sequential applications of HARMONY® SG following postemergent "Pursuit" treatments are not recommended because:

- Crop injury from sequential postemergence applications of HARMONY® SG following "Pursuit" 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" 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" application will typically be larger than labeled size by the time soybeans may be safely treated with a HARMONY® SG application. This will result in unsatisfactory weed control.

Even though not recommended for sequential application, a minimum interval of at least 14 days between applications of HARMONY® SG following "Pursuit" is advised to reduce the potential for crop injury and unsatisfactory weed control. The soybeans should be free from stress (herbicide or environmental) and actively growing. Weeds should be free from stress and not exceed the labeled size (height) at the time of HARMONY® SG application.

ENVIRONMENTAL CONDITIONS

Applications made during or immediately following periods of abnormally cold weather for soybeans may result in less than satisfactory weed control.

Poor weed control or crop injury may result from applications made to plants under stress from:

- abnormal hot or cold weather,
- growing conditions such as drought or
- water-saturated soil
- soil nutrient deficiencies such as iron chlorosis,
- disease,
- injury from cultivation,
- nematode, insect, or prior herbicide injury.

Delay application until stress passes and weeds and soybeans resume growth. Severe stress from conditions immediately following application may also result in crop injury or poor weed control.

Applications during periods of hot and humid weather increase the risk of crop injury.

Wilting, temporary leaf yellowing, reddened veins, and/or growth retardation of soybeans may follow application of HARMONY® SG. The growth retardation is generally in the form of shortened internode spacing. These effects will generally be most evident 5-7 days after application. The soybeans will recover quickly under favorable growing conditions.

GENERAL USE AND APPLICATION DIRECTIONS - ALL CROPS

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, Pre-plant 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 HARMONY® SG herbicide applications, as weed control performance may be reduced.
- Use screens that are 50-mesh or larger.

Soybeans:

Broadcast Application

- **Use 10-25 gallons of water per acre.**
- **Use flat fan nozzles at 25-60 psi.**
- Under heavy weed pressure or dense crop foliage, increase minimum spray volume to 15-25 gal per acre.
- Do not use flood, hollow cone, rain drop, whirl chamber, or controlled droplet applicator (CDA) type nozzles. Unacceptable crop injury, excessive spray drift, or poor weed control may result.
- For proper spray coverage, adjust the boom and nozzle height according to the specifications listed by the nozzle manufacturer.
- Ensure that equipment is set up to avoid applying an excessive rate directly over the rows. This is most likely to occur when a nozzle is positioned directly above the row.

Added this statement from Agency approved (August 2, 2007) supplemental labeling identified as H-65481 or 352-346-3 052907 03-01-04

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Band Application

- For band application, use proportionately less spray mixture.
- To avoid crop injury, carefully calibrate the band applicator not to exceed the labeled rate.
- Carefully follow the manufacturer's instructions for nozzle types (flat fan nozzles preferred), nozzle orientation, distance of the nozzles from the crop and weeds, spray volumes, calibration, and spray pressure.
- For additional information on row banders, see Du Pont bulletin, "Application Accuracy Row Banders."

AERIAL APPLICATION

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

Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.

Wheat, Barley, Oat, Triticale, post-harvest burndown, pre-plant burndown and Fallow:

- use 2 to 5 GPA
- Use at least 3 GPA in Idaho, Oregon, or Utah

Soybeans:

- Use a minimum of 5 GPA.

When applying DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) 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.

CROP ROTATION

Wheat, barley, oat, triticale, soybeans and field corn may be replanted anytime after the application of HARMONY® SG. Any other crop may be planted 45 days after the application of HARMONY® SG.

GRAZING

Cereals and Soybeans

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 HARMONY® SG.

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of HARMONY® SG.
3. Continue agitation until the HARMONY® SG is fully dispersed, at least 5 minutes.
4. Once the HARMONY® SG is fully dissolved, maintain agitation and continue filling tank with water. HARMONY® SG should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add tank mix partners (if desired) then add the required volume of spray adjuvant. Always add spray adjuvant last. Antifoaming agents may be used. 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 HARMONY® SG.
6. If the mixture is not continuously agitated, settling will occur before product is fully dissolved. If settling occurs, thoroughly re-agitate before using and make sure product is completely dissolved.
7. Apply HARMONY® SG spray mixture within 24 hours of mixing to avoid product degradation.
8. If HARMONY® SG and a tank mix partner are to be applied in multiple loads, predissolve the HARMONY® SG in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the HARMONY® SG.

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 may be required to keep HARMONY® SG and tank-mix partners in solution or suspension. Refer to tank-mix partner labels for additional information.

SPRAYER CLEANUP

The spray equipment must be cleaned before HARMONY® SG 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 HARMONY® SG " section of this label.

AT THE END OF THE DAY

It is recommended that during periods when multiple loads of HARMONY® SG herbicide 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 HARMONY® SG AND BEFORE SPRAYING CROPS OTHER THAN WHEAT, BARLEY, OAT, TRITICALE AND SOYBEANS

1. Empty the tank and drain the sump completely.
2. Spray the tank walls with clean water using a minimum volume of 10% of the tank volume. Circulate the water through the lines, including all by-pass lines, for at least two minutes. Flush the boom well and empty the sprayer. Completely drain the sump.
3. Repeat step 2.

4. Remove the nozzles and screens and clean separately in a bucket containing water.

The rinsate solution may be applied to the crop(s) recommended on this label. Do not exceed the maximum-labeled use rate. If 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 waster disposal facility.

Notes:

1. Always start with a clean spray tank.
2. Steam-cleaning aerial spray tanks is recommended to facilitate the removal of any caked deposits.
3. When DuPont™ HARMONY® SG 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 pre-cleanout guidelines on subsequently applied products should be followed as per the individual labels.

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.

IMPORTANCE OF DROPLET SIZE

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

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 3/4 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) that 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.

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. If applicable, 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 representative for specific alternative cultural practices or herbicide recommendations available in your area.

INTEGRATED PEST MANAGEMENT

DuPont recommends the use of Integrated Pest Management (IPM) programs to control pests. 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. Application of this product should be based on IPM principles and practices including 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 or triticale.
- Wheat, barley, oat, triticale and soybean varieties may differ in their response to various herbicides. DuPont 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 DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) herbicide to a small area.
- Under certain conditions such as heavy rainfall, prolonged cold weather (daily high temperature less than 50 Deg. F.), or wide fluctuations in day/night temperatures prior to or soon after HARMONY® SG application, temporary discoloration and/or crop injury may occur. To reduce the potential of crop injury, tank mix HARMONY® SG with 2,4-D (ester formulations perform best– see the "TANK MIXTURES" section of this label) and apply after the crop is in the tillering stage of growth.
- HARMONY® SG should not be applied to 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.
- Dry, dusty field conditions may result in reduced control in wheel track areas.

PESTICIDE STORAGE AND DISPOSAL

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

Pesticide Storage: Store product in original container only. Store in a cool, dry place.

Product 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). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or 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 manufacturing or 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 DuPont ™ HARMONY® SG Herbicide (with TotalSol® soluble granules). Reseal and return the container to any authorized DuPont 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 sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay 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 1-800-441-3637 day or night. **Container Disposal for Bulk Containers**: When this container is empty, replace the cap and seal all openings that have 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 USE 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 DuPont at 1-800-441-3637. 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 1-800-441-3637 day or night.

NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

SL- 1234-1 111307 08-02-07

LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read This Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product; crop injury, or; injury to non-target crops or plants.

WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW,DUPONT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL DUPONT OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BUYER'S OR USER'S BARGAINED-FOR EXPECTATION IS CROP PROTECTION. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF DUPONT OR SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT OR STRICT LIABILITY), WHETHER FROM FAILURE TO PERFORM OR INJURY TO CROPS OR OTHER PLANTS, AND RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR AT THE ELECTION OF DUPONT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement,DuPont or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify DuPont or a DuPont Ag Retailer of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

For product information call: 1-888-6-DUPONT

Internet address: http://cropprotection.dupont.com/

SUPPLEMENTAL LABELING

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) PRE-PLANT/PRE-EMERGENCE BURNDOWN APPLICATIONS

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

PRE-PLANT/PRE-EMERGENCE BURNDOWN APPLICATIONS OF DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) TO FIELDS PLANTED TO FIELD CORN OR SOYBEANS

DIRECTIONS FOR USE

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) may be applied as a preplant or pre-emergence burndown treatment for additional control of certain broadleaf weeds in fields planted to field corn or soybeans.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to the HARMONY® SG label and technical bulletins for full descriptions of use restrictions.

PRE-PLANT/PRE-EMERGENCE BURNDOWN APPLICATIONS

For burndown of emerged weeds, broadcast applications of HARMONY® SG may be applied anytime before field corn and soybean plants emerge. HARMONY® SG may be used in combination with other suitable pre-plant/pre-emergence herbicides registered for use in field corn and soybeans (such as "Roundup Ultra"1).

Apply HARMONY® SG at 0.45 to 0.9 ounce per acre for improved control of many broadleaf weeds.

Read and follow all manufacturers' label recommendations for companion herbicides. If those recommendations conflict with this label, do not tank mix the herbicide with HARMONY® SG.

SPRAY ADDITIVES

Consult your agricultural dealer, applicator, or DuPont representative for a listing of recommended surfactants. Antifoaming agents may be used if needed. Unless otherwise specified, add a DuPont recommended non-ionic surfactant having at least 80% active ingredient at 1 to 2 qt per 100 gal of spray solution (0.25 to 0.5% v/v). Refer to "TANK MIXTURES" section of the HARMONY® SG label for specific adjuvant recommendations when HARMONY® SG is used in a tank mix.

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

IMPORTANT

BEFORE USING HARMONY® SG HERBICIDE, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

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

[1] Registered Trademark of Monsanto

R-345-3 052907 03-01-04

SUPPLEMENTAL LABELING

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

FOR POST EMERGENCE CONTROL OF CERTAIN BROADLEAF WEEDS IN FIELD CORN FOR USE ONLY IN THE STATES OF CT, DE, IN, MA, MD, ME, MI, NH, NC, NJ, NY, OH, PA, RI, VA, VT, AND WV

DIRECTIONS FOR USE

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

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) is recommended for postemergence control of certain broadleaf weeds in field corn.

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

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

Do not apply to fields treated with "Counter"[1] Insecticide applied at planting or over-the-row at cultivation as severe crop injury may result.

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

HARMONY® SG can be applied to 2-6 leaf field corn (1-4 collars, up to 12 inches tall) at a rate of 0.125 (1/8) ounce per acre. Do not apply to field corn taller than 12 inches or 4 collars, whichever is more restrictive.

HARMONY® SG may be applied as a tank mixture with labeled rates of atrazine. Do not tank mix with other corn herbicides unless specified on HARMONY® SG labels.

Apply HARMONY® SG to field corn hybrids with a Relative Maturity (RM) of 88 days or more, including "food grade" (yellow dent, hard endosperm), waxy and DuPont Optimum 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 DuPont have access to all seed company data. Consequently, injury arising from the use of HARMONY® SG on these types of corn is the responsibility of the user. Consult with your seed supplier before applying HARMONY® SG to any of these corn types.

Apply with ground equipment set to deliver 10-40 GPA. Use only flat fan nozzles operating at 20-40 PSI. 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, HARMONY® SG will control the following weeds:

WEED	SIZE (Inches)
Velvetleaf	2-6
Pigweed species	2-12
Lambsquarters	2-4
Annual smartweeds	2-6
Wild mustard up to	4(')

(') indicates diameter

Apply in 10-40 gallons of water per acre. 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) of ammonium sulfate (2-4 lb/acre).

SOIL INSECTICIDE INTERACTIONS

HARMONY® SG 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.

HARMONY® SG may be applied to corn previously treated with "Fortress[4]", "Aztec[3]", "Force[2]" or non-organophosphate (OP) soil insecticides regardless of soil type.

• DO NOT APPLY HARMONY® SG to corn previously treated with Counter 15G[1].

• APPLICATIONS of HARMONY® SG TO CORN PREVIOUSLY TREATED WITH "COUNTER 20 CR[1]", DYFONATE, "LORSBAN[5]" OR "THIMET[1]" MAY CAUSE UNACCEPTABLE CROP INJURY, ESPECIALLY ON SOILS OF LESS THAN 4% ORGANIC MATTER.

[1] Trademark of BASF Corporation
[2] Trademark of Syngenta Crop Protection, Inc.
[3] Trademark of Bayer Corporation.
[4] Trademark of Amvac Chemical Corporation
[5] Trademark of Dow Agrosciences, LLC

IMPORTANT
BEFORE USING HARMONY® SG HERBICIDE, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

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

R-346-3 052907 03-01-04

SUPPLEMENTAL LABELING

DUPONT™ CLASSIC® HERBICIDE PLUS DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

DUPONT™ CLASSIC® HERBICIDE

EPA Reg. No. 352-436

DUPONT™ CLASSIC® HERBICIDE PLUS DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) TANK MIX FOR BROADLEAF WEED CONTROL IN SOYBEANS IN CERTAIN COUNTIES IN THE STATES OF IN AND OH

DIRECTIONS FOR USE

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

The tank mix of DuPont™ CLASSIC® herbicide plus DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) described on this supplemental label is recommended for use only in the counties listed below in the States of Indiana and Ohio:

Indiana: Adams, Bartholomew, Benton, Blackford, Boone, Brown, Carroll, Cass, Clark, Clinton, Crawford, Dearborn, Decatur, Delaware, Dubois, Floyd, Fulton, Gibson, Grant, Hamilton, Hancock, Harrison, Henry, Hendricks, Howard, Jackson, Jasper, Jay, Jefferson, Jennings, Johnson, Lake, LaPorte, Lawrence, Marshall, Madison, Marion, Miami, Montgomery, Morgan, Monroe, Newton, Ohio, Orange, Parke, Perry, Pike, Porter, Posey, Pulaski, Putnam, Ripley, Scott, Shelby, Spencer, St. Joseph, Starke, Switzerland, Tippecanoe, Tipton, Vanderburgh, Warrick, Washington, Wells, White.

Ohio: Adams, Ashland, Ashtabula, Auglaize, Brown, Butler, Champaign, Clark, Clermont, Clinton, Crawford, Darke, Delaware, Erie, Fairfield, Fayette, Franklin, Gallia, Greene, Hamilton, Hancock, Hardin, Highland, Huron, Jackson, Knox, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Montgomery, Morrow, Ottawa, Perry, Pickaway, Pike, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Trumbull, Union, Van Wert, Vinton, Warren, Wayne, Wood, Wyandot.

HOW TO USE

- A tank mix of CLASSIC® herbicide at a rate of 0.5 ounce per acre plus HARMONY® SG herbicide at a rate of 0.125 (1/8) ounce per acre is recommended for control of the weeds listed in the table below.
- Applications of CLASSIC® herbicide plus HARMONY® SG herbicide must include a nonionic surfactant at the rate of 0.125% - 0.25% v/v (1-2 pints per 100 gallons of spray solution). USE OF THE HIGHER RATE OF NONIONIC SURFACTANT, PARTICULARLY UNDER HOT, HUMID CONDITIONS MAY INCREASE TEMPORARY CROP INJURY. Use only EPA approved surfactants authorized for use on food crops. Use a nonionic surfactant of at least 80% active ingredient. For additional information refer to the DuPont Bulletin "Approved Adjuvants for Use With DuPont Row Crop and Cereal Herbicides."
- DO NOT USE DASH[1], CROP OIL CONCENTRATE, OR METHYLATED SEED OILS AS ADJUVANTS WITH THIS TANK MIX.
- The addition of an ammonium nitrogen fertilizer is required for control of velvetleaf and ragweeds. Use a high quality fertilizer such as 28-0-0 at the rate of 2-4 quarts per acre or 10-34-0 at the rate of 1- 2 quarts per acre. Alternatively, a high quality, sprayable grade ammonium sulfate (21-0-0) may be used at the rate of 2-4 pounds per acre. Use the lower nitrogen rate for spray volumes less than 15 gallons per acre. The addition of ammonium fertilizer does not replace the need for a nonionic surfactant.
- Applications should be made when weeds are young, actively growing, and prior to exceeding the maximum size listed in the table. Applications made to weeds in the cotyledon stage or to weeds exceeding the maximum size listed below may result in unsatisfactory control.

• Applications should be made to actively growing soybeans after the first trifoliate has opened but no later than 60 days before soybean maturity.
• Crop injury (temporary leaf yellowing and/or retardation of soybean growth) may result from application of this tank mixture. The potential for adverse crop response is most pronounced during hot, humid conditions, under widely fluctuating climatic conditions, or with application to soybeans growing under moisture stress.

WEEDS CONTROLLED	Height in inches
Cocklebur	2-6
Common Ragweed	1-3
Jimsonweed	2-4
Lambsquarters	2-4
Marestail	2-6
Morningglory (annual)* (Entireleaf, Ivyleaf, Pitted, Smallflower, Tall)	1-2
Mustard	2-4**
Pigweed	
Redroot (rough)	2-12
Other species	2-8
Smartweeds (annual)	2-6
Sunflower	2-6
Velvetleaf	2-6
Yellow Nutsedge	2-3

WEEDS SUPPRESSED***	Height in inches
Burcucumber	2-3
Canada Thistle*	2-4
Common Milkweed (above ground portion)	2-6
Giant Ragweed*	2-4
Purple Nutsedge	2-3

* May require sequential application with CLASSIC® herbicide
** Diameter
*** Suppression is a visual reduction in weed competition (reduced population, size, and/or vigor) as compared to untreated areas.

TANK MIXES

• This 0.5 ounce DuPont CLASSIC® herbicide plus 0.125 (1/8) ounce HARMONY® SG herbicide mix may be tank mixed with postemergence grass herbicides such as DuPont Assure® II herbicide. When tank mixing CLASSIC® herbicide plus HARMONY® SG herbicide with ASSURE® II herbicide or other postemergence grass herbicides, use 1-2 pints surfactant per 100 gallons spray solution. Use of the higher surfactant rate may increase crop injury. DO NOT USE "DASH", CROP OIL CONCENTRATE, OR METHYLATED SEED OIL AS ADJUVANTS.
• Do not use this CLASSIC® herbicide plus HARMONY® SG herbicide tank mix with Poast Plus[1].

APPLICATION INFORMATION

• Broadcast Application: With ground equipment, use flat fan nozzles at 25-40 PSI. Use 10-25 gallons of spray per acre. Do not use hollow cone, flood, rain drop, or whirl chamber nozzles. For proper spray coverage, adjust boom and nozzle height according to the specifications listed by the manufacturer.

IMPORTANT PRECAUTIONS

• Refer to the CLASSIC® herbicide label and HARMONY® SG herbicide label for specific use instructions, limitations, precautions, and rotational crop intervals.
• Do not apply if rain is expected within one hour, otherwise weed control may be decreased.
• Do not cultivate before, during, or within 7 days after application. Cultivation may put weeds under stress by pruning roots, thus making control more difficult. The best time to cultivate is approximately 14 days after application.
• Do not overlap spray passes or severe crop injury will occur.
• Do not mix with organophosphate insecticides, or apply within 14 days before or after an application of an organophosphate insecticide as severe crop injury may occur.

IMPORTANT

BEFORE USING THIS PRODUCT, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

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

[1] Registered trademark of BASF AG Corporation

R-347-3 052907 03-01-04

SUPPLEMENTAL LABELING

DUPONT™ HARMONY® SG HERBICIDE
(with TotalSol® soluble granules)
PLUS GLYPHOSATE

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) PLUS GLYPHOSATE TANK MIX FOR WEED CONTROL IN ROUNDUP READY[1] SOYBEANS

DIRECTIONS FOR USE

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

DuPont™ HARMONY® SG herbicide (with TotalSol® soluble granules) at 0.125 (1/8) oz per acre may be tank mixed with glyphosate for control of certain broadleaf weeds in Roundup Ready soybeans.
For tank mixes of HARMONY® SG 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.

The tank mix of HARMONY® SG plus glyphosate herbicide (such as Roundup UltraMax[1] or Touchdown[2]) is for use on soybeans designated Roundup Ready. Severe injury or death of soybeans will result if any soybeans not designated as Roundup Ready are treated with these tank mixes.

Application Information

Timing to Crop

HARMONY® SG plus glyphosate herbicide tank mix may be applied any time after the first trifoliate has expanded fully before soybeans are harvested.

Rate and Weed Size

For improved control of common lambsquarters and/or wild buckwheat, tank mix 0.125 (1/8) ounce per acre of HARMONY® SG. Refer to the HARMONY® SG and glyphosate manufacturer's labels for other weeds which may be controlled or suppressed and the maximum size at application. For best results, apply to small, actively growing weeds.

Adjuvants

When tank mixing HARMONY® SG with glyphosate, it is recommended to add ammonium sulfate (AMS) at 4.25 - 17 pounds 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 HARMONY® SG plus glyphosate tank mixes may improve weed control. Glyphosate products differ in their adjuvant contents. Glyphosate products such as Glyphomax[3] or Roundup Original[1] allow for addition of surfactants. See the manufacturer's specific surfactant recommendations.

Precautions

Early-season soybean injury may result from applications of this tank mix. 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.

IMPORTANT
BEFORE USING THIS PRODUCT, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

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[1] Registered trademark of Monsanto
[2] Registered trademark of Syngenta Crop Protection, Inc.
[3] Registered trademark of Dow Agro Sciences, LLC

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SUPPLEMENTAL LABELING

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules), OR DUPONT™ CLASSIC® HERBICIDE PLUS DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) TANK MIX, APPLICATION WITH REDUCED RATES OF PURSUIT DG HERBICIDE FOR CONTROL OF NIGHTSHADE IN SOYBEANS IN THE STATES OF INDIANA, IOWA, MICHIGAN, MINNESOTA, OHIO, PENNSYLVANIA, SOUTH DAKOTA AND WISCONSIN

DIRECTIONS FOR USE

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules), or DuPont™ CLASSIC® herbicide plus HARMONY® SG Herbicide, may be applied in a tank mix with a reduced rate of PURSUIT DG for the control of nightshade in addition to those weeds listed on the CLASSIC® or HARMONY® SG labels in the states of Indiana, Iowa, Michigan, Minnesota, Ohio, Pennsylvania, South Dakota and Wisconsin.

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

HOW TO USE

HARMONY® SG at 0.125 (1/8) ounce per acre, or CLASSIC® at 1/4-1/3 ounce per acre plus HARMONY® SG at 0.125 (1/8) ounce per acre, may be tank mixed with 0.72 ounce per acre PURSUIT DG for postemergence control of weeds listed on the CLASSIC® and/or HARMONY® SG labels, and for the control of eastern black nightshade less than 2 inches tall. Refer to the CLASSIC® and HARMONY® SG labels for other weeds controlled and maximum heights.

Best results are obtained when either HARMONY® SG or CLASSIC® plus HARMONY® SG 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 either HARMONY® SG or CLASSIC® plus HARMONY® SG 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 "Dash[1]", "Dash HC[1]", crop oil concentrates or methylated seed oil products such as "Sun-It II[2]" when tank mixing either HARMONY® SG, or CLASSIC® plus HARMONY® SG with PURSUIT DG as excessive crop injury may occur.

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 applicator (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 either HARMONY® SG Herbicide, or CLASSIC® plus HARMONY® SG 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 trifoliate of the soybean has fully expanded and the plants are actively growing, but before soybeans begin to flower.
- Refer to the CLASSIC®, HARMONY® SG, and PURSUIT DG Herbicide 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 THIS PRODUCT READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

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

[1] Registered trademark of BASF AG Corporation
[2] Registered trademark of Agsco, Inc.

R-349-3 052907 03-01-04

SUPPLEMENTAL LABELING

DUPONT™ HARMONY® SG HERBICIDE
(with TotalSol® soluble granules)
WITH PURSUIT DG HERBICIDE

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE
(with TotalSol® soluble granules)

EPA Reg. No. 352-633

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

DIRECTIONS FOR USE

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) is recommended for postemergence control of the broadleaf weeds listed below when applied to soybeans in a tank mix with PURSUIT DG 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 DuPont™ ASSURE® II Herbicide, 1 day before or 7 days after applying HARMONY® SG plus PURSUIT DG. Conversely, a soil applied pre-emergence grass herbicide may be used in a planned weed control program with HARMONY® SG plus PURSUIT DG.
Do not apply this tank mix through any type of irrigation system.

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

HOW TO USE

A tank mix of 0.125 (1/8) ounce per acre of HARMONY® SG Herbicide plus 1.08 ounce per acre PURSUIT DG Herbicide is recommended for postemergence control of the broadleaf weeds listed in the table below. Best results are obtained when the HARMONY® SG 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	
rough (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 trifoliate of the soybean plant has fully expanded.

Applications of HARMONY® SG 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 HARMONY® SG 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.

ADJUVANTS

Postemergence applications of HARMONY® SG and HARMONY® SG 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 DASH[1] or SUNIT-II [2].
- 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 applicator (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 not to exceed the labeled rate. Carefully follow the manufacturer's instructions for nozzle types (flat fan nozzles preferred), nozzle orientation, distance of 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 GPA. Do not apply during a temperature inversion condition, 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 HARMONY® SG. 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.

RESTRICTIONS AND LIMITATIONS

Refer to the HARMONY® SG Herbicide and PURSUIT DG Herbicide labels for additional use directions, use restrictions, and precautions. The most restrictive provision on either label will apply. Sequential applications of HARMONY® SG following postemergence PURSUIT DG treatments are not recommended because:

- Crop injury from sequential postemergence applications of HARMONY® SG 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 HARMONY® SG application. This will result in unsatisfactory weed control.

HARMONY® SG plus PURSUIT DG treatments may be tank mixed with DuPont™ ASSURE® II Herbicide to control volunteer corn and shattercane. PURSUIT DG will reduce the activity of ASSURE® II on all other grasses. For broad-spectrum grass control, apply ASSURE® II 1 day before, or 7 days after PURSUIT DG treatments. Refer to the ASSURE® II 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 THIS PRODUCT, READ AND CAREFULLY NOTE THE CAUTIONARY STATEMENTS AND OTHER PROCEDURAL INFORMATION APPEARING ON THE EPA REGISTERED LABEL OR ON OTHER SUPPLEMENTAL LABELS.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

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

[1] Registered trademark of BASF AG Corporation
[2] Registered trademark of Agsco, Inc.

R-350-3 052907 03-01-04

SUPPLEMENTAL LABELING

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) TANK MIX WITH ACHIEVE AND STARANE HERBICIDES FOR WILD OAT CONTROL IN WHEAT AND BARLEY

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

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

GENERAL INFORMATION

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) 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.

HARMONY® SG 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.
HARMONY® SG 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 0.75 ounce HARMONY® SG per acre.

Tank mix HARMONY® SG 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 0.5 pints 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 HARMONY® SG 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 DuPont herbicide label.

IMPORTANT

BEFORE USING HARMONY® SG, 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 Limitation of Warranty and Liability 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 Limitation of Warranty and Liability on the Section 3 Federal product label.

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

R-719 060607-2 08-02-07

SUPPLEMENTAL LABELING

DUPONT™ HARMONY® SG HERBICIDE
(with TotalSol® soluble granules)
PRE-PLANT OR AT-PLANTING BURNDOWN

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

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

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) 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

HARMONY® SG 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 HARMONY® SG. 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 HARMONY® SG at 0.3 to 0.5 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 HARMONY® SG at 0.45 to 0.9 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 oil-based product (methylated seed oils are considered a vegetable seed-based oil).

- If another herbicide is tank mixed with HARMONY® SG 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 oil-based 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% emulsifiers/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 HARMONY® SG to field corn, rice, sorghum, or soybeans per growing season.
- DO NOT apply more than 0.9 oz. of HARMONY® SG to rice or grain sorghum pre-plant or at-planting.
- DO NOT apply more than 0.9 oz. HARMONY® SG 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 the EPA registered label for specific post-emergence use directions.

For product information call 1-888-6-DUPONT

IMPORTANT
BEFORE USING HARMONY® SG, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

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 Limitation of Warranty and Liability 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 Limitation of Warranty and Liability on the Section 3 Federal product label.

R-720 060607 08-02-07

For product information call 1-888-6-DUPONT

SUPPLEMENTAL LABELING

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules) PLUS GLYPHOSATE (TANK MIXTURE) FOR WEED CONTROL IN STS X ROUNDUP READY STACKED TRAIT SOYBEANS

DuPont Crop Protection

DUPONT™ HARMONY® SG HERBICIDE (with TotalSol® soluble granules)

EPA Reg. No. 352-633

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

GENERAL INFORMATION

DuPont™ HARMONY® SG Herbicide (with TotalSol® soluble granules) is a dry flowable formulation that selectively controls 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.

HARMONY® SG at up to 0.5 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 HARMONY® SG plus glyphosate herbicide, always read and follow all use directions, restrictions, and pre-cautions on the EPA approved labeling. When tank mixing, the most restrictive labeling applies. The tank mixture of HARMONY® SG 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 HARMONY® SG plus glyphosate tank mix may be applied to "STS® X Roundup Ready stacked trait" soybeans anytime after the first trifoliate 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 0.5 oz of HARMONY® SG per acre with a recommended rate of glyphosate.
Refer to the HARMONY® SG 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 0.5 oz Harmony SG per acre per growing season.

Adjuvants

When tank mixing HARMONY® SG 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 HARMONY® SG 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 Glyphomax or Roundup Original allow the addition of surfactants. Refer to the glyphosate product label for the manufacturer's specific surfactant recommendations.

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

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Roundup Ready and Roundup Original are registered trademarks of Monsanto Company.
Glyphomax is a registered trademark of Dow AgroSciences.

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