



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

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

May 30, 2012

Richard Ambrose
E.I. du Pont de Nemours and Company
1007 Market Street
Wilmington, DE 19898

Subject: Supplemental Label Amendment (rebuttal to Agency's 1/5/10 letter)
DuPont Express Herbicide (with TotalSol soluble granules)
EPA Reg. No. 352-632
Application Dated February 21, 2011

Dear Mr. Ambrose:

After further consideration, the Agency is withdrawing its requirement at this time to include ground and surface water advisories for all tribenuron end-use products as stated in our January 5, 2010 letter (Items 4 & 5). The requirement to include the advisory statements on tribenuron labels will be deferred to the Pesticide Re-Evaluation Division (PRD) for implementation under Registration Review.

HED has reviewed DuPont's rebuttal on the requirement to include a separate Restricted Entry Interval (REI) of 7 days for detasseling corn and determined that the current REI of 12 hours is adequate based on the recently-submitted dermal absorption study. A refined dermal absorption factor was calculated which removed the risk concerns to workers involved in detasseling corn grown for seed.

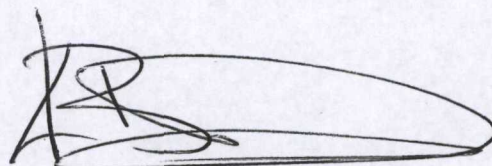
EFED has reviewed DuPont's rebuttal to the 100-ft. buffer zone for aerial applications to Optimum GAT corn and soybeans and has determined that the proposed modifications are unacceptable.

The supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products released for shipment after eighteen (18) months from the date of this letter must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Page 2 of 2
EPA Reg. No. 352-632

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at ondish.mindy@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', written over a horizontal line.

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)

Enclosure: HED Memorandum dated May 25, 2012 (DP387977)
EFED Memorandum dated October 7, 2011 (DP387975)



DuPont™ Express® Herbicide
(with TotalSol™ soluble granules)
EPA REG. No. 352-632

USE ON OPTIMUM® GAT® HERBICIDE TOLERANT CORN AND SOYBEANS

EXPRESS® herbicide (with TotalSol™ soluble granules) (EXPRESS®) may be applied to OPTIMUM® GAT® corn and OPTIMUM® GAT® soybeans for pre-plant (burndown treatments), postemergence, and/or post-harvest control of certain broadleaf weeds. EXPRESS® is a water soluble granule which should be mixed in water and applied as a uniform broadcast spray. The best weed control is obtained when EXPRESS® is applied to young, actively growing weeds.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. EXPRESS® may be used in OPTIMUM® GAT® corn and OPTIMUM® GAT® soybeans to provide weed control, and may be used in combination with other suitable registered herbicides. Applications may be made pre-plant (burndown treatments), postemergence, and/or post-harvest. Read and follow all manufacturers label directions for any companion herbicide(s). If those directions conflict with this label, do not tank mix the herbicide(s) with EXPRESS. Include with EXPRESS® 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 EXPRESS® to increase the broadleaf weed spectrum, select adjuvants based on the adjuvant limitations of the other companion herbicide.

Application to OPTIMUM® GAT® Soybeans – Use Rates and Restrictions

Apply 0.25 – 1 ounce of EXPRESS® per acre per application.

For pre-plant and burndown treatments: Apply prior to soybean emergence. Make application when the majority of weeds have emerged and are actively growing.

For postemergence applications: Do not apply later than flowering (R2 growth stage). Allow 14 days between application and grazing or feeding soybean forage or hay. Do apply more than 1 ounce of EXPRESS per acre per crop season.

For post-harvest applications: Apply to crop stubble when the majority of weeds have emerged and are actively growing.

Application to OPTIMUM® GAT® Corn – Use Rates and Restrictions

Apply 0.25 – 1 ounce of EXPRESS® per acre per application.

For pre-plant and burndown treatments: Apply prior to corn emergence. Make application when the majority of weeds have emerged and are actively growing.

For postemergence applications: Do not apply later than 7 days before grain harvest. Allow at least 7 days between application and grazing or feeding corn forage or stover. Do not apply more than 1 ounce of EXPRESS® per acre per crop season.

For post-harvest applications: Apply to crop stubble when the majority of weeds have emerged and are actively growing.

4/7

TANK MIXTURES

EXPRESS® may be tank mixed with other products that are registered for use on soybeans or corn and where the labeled method of application and timing of application are the same as for EXPRESS®. If another herbicide is tank mixed with EXPRESS® to increase the broadleaf weed spectrum, select adjuvants based on the adjuvant limitations of the other companion herbicide. Other than the exceptions noted, and in addition to the tank mix partners and rates indicated in this label, EXPRESS® may be tank mixed or followed with sequential applications of other products registered for use in soybeans. EXPRESS® may be applied in tank mix combinations with full or reduced rates of other products provided:

- The tank mix product is labeled for the same timing, method of application, adjuvants, and use restrictions as EXPRESS®.
- The tank mix is not specifically prohibited on the label of the tank mix product.
- The tank mix combination is compatible as determined by a "jar test" described in the TANK MIX COMPATIBILITY TESTING section on this label.
- Weed control and crop safety resulting from the use of tank mixtures not specifically noted on this label, or in separately published DuPont directions, are the responsibility of the user.

When applied as directed to OPTIMUM® GAT® corn and OPTIMUM® GAT® soybeans at rate of 0.25 – 1 oz per acre, EXPRESS® will control the annual broadleaf weeds noted on the Section 3 Federal label including those listed in the following table:

WEEDS CONTROLLED**Pre-plant (burndown treatments), Postemergence, or Post-harvest**

Black mustard
 Blue/Purple mustard
 Bushy wallflower /Treacle mustard
 Canada thistle**
 Coast fiddleneck
 Common Chickweed
 Common Groundsel
 Common Lambsquarters
 Common Purslane
 Corn, Gromwell**
 Corn spurry
 Cowcockle
 Curly Dock**
 False chamomile/ Wild chamomile/Scentless chamomile
 (*Matricaria maritima* L.)
 Field pennycress
 Flixweed
 Hairy buttercup
 Kochia**†
 London Rocket
 Mayweed chamomile/Stinking chamomile/dog fennel
 (*Anthemis cotula* L.)**
 Miners lettuce
 Pineappleweed
 Prickly lettuce**†
 Redroot pigweed
 Russian thistle**†
 Shepherd's-purse
 Slimleaf lambsquarters
 Smallseed falseflax
 Tansymustard
 Tarweed fiddleneck
 Tumble/Jim Hill mustard**
 Wild mustard

WEEDS PARTIALLY CONTROLLED*

When applied as directed to OPTIMUM® GAT® corn and OPTIMUM® GAT® soybeans DuPont™ EXPRESS® effectively partially controls a number of weeds including the following:

Annual sowthistle
 Common cocklebur
 Common sunflower (volunteer)
 Common vetch
 Hairy nightshade
 Hairy vetch
 Henbit
 Pennsylvania smartweed
 Prostrate knotweed
 Redmaids
 Wild buckwheat
 Wild garlic
 Wild radish

* Partially controlled weeds exhibit a visual reduction in numbers as well as a significant loss of vigor.

** See the Specific Weed Problems section of the EXPRESS® label for more information.

† Naturally occurring resistant biotypes of kochia, prickly lettuce and Russian thistle are known to occur. See the "SPECIFIC WEED PROBLEMS" sections of the EXPRESS® label for additional details. In addition, tank mix partners that are registered on corn and soybeans with additional activity on these weeds may be needed.

SPRAY ADJUVANTS

Applications of EXPRESS® must include a crop oil concentrate or nonionic surfactant except as specified in this labeling. An ammonium nitrogen fertilizer may also be required. If another herbicide is tank mixed with EXPRESS®, select adjuvants authorized for use with both products. Adjuvants must contain only EPA-exempt ingredients.

Nonionic Surfactant

- Add a nonionic surfactant at the rate of 2 pt per 100 gal of spray solution (0.25% v/v).
- Surfactant products must contain at least 60% nonionic surfactant with a hydrophilic/lipophilic balance (HLB) greater than 12.

Crop Oil Concentrate

For improved weed control under hot, dry conditions, or for control of tough weeds like giant ragweed, a crop oil concentrate may be used in place of a nonionic surfactant. Apply crop oil concentrate at the rate of 1 gal per 100 gal of spray solution (1.0% v/v).

- Use a good-quality, petroleum-based or methylated seed oil-based crop oil concentrate with at least 15% surfactant emulsifiers and 80% oil.

Ammonium Nitrogen Fertilizer

In addition to a nonionic surfactant or crop oil concentrate, an ammonium nitrogen fertilizer may be required with some tank mixture partners.

- 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 spraygrade ammonium sulfate (AMS).
- Use 4 qt/acre UAN or 4 lb/acre AMS under arid conditions.
- Always use the lower rates of fertilizer with spray volumes of less than 15 gallons per acre.

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.

Adjuvants for Tank Mixtures with Glyphosate Products

When tank mixing EXPRESS® + glyphosate herbicides, it is recommended to add 4.25 -17 lb ammonium sulfate per 100 gallons of spray mixture.

- The addition of surfactant at 0.25% v/v (1 qt per 100 gallons of spray) to some EXPRESS® + glyphosate tank mixes may improve weed control. Since some glyphosate products differ in their adjuvant contents, some glyphosate products, such as "Glyphomax" or "Roundup Original" allow for the addition of surfactants.
- See the glyphosate manufacturer's label for specific ammonium sulfate and surfactant recommendation.

TANK MIX COMPATIBILITY TESTING

Perform a jar test prior to tank mixing to ensure compatibility of EXPRESS® and other pesticides. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately 1/2 hour. If the mixture balls-up, forms flakes, sludges, gels, oily film or layers, or other precipitates, it is not compatible.

ROTATIONAL CROP GUIDELINES

For applications up to 0.5 ounce of DuPont™ EXPRESS® per acre per season: - Consult Section 3 Federal label.

For applications above 0.5 ounce of EXPRESS® per acre per season:

OPTIMUM® GAT® corn and OPTIMUM® GAT® soybeans may be replanted anytime after application of EXPRESS®. All other crops may be planted at 4 months after the application of EXPRESS®.

IMPORTANT RESTRICTIONS

- These application directions are specific for EXPRESS® applied to OPTIMUM® GAT® corn and OPTIMUM® GAT® soybeans. Do not use EXPRESS® on non-OPTIMUM® GAT® corn or soybeans as severe injury or death may occur.
- Follow all applicable restrictions listed on the EXPRESS® labeling.

Aerial Application Restriction:

Avoid potential adverse effects to non-target areas by maintaining a 100-ft buffer zone between the treated area and the closest downwind edge of sensitive plants.

IMPORTANT

BEFORE USING EXPRESS, 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.

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7/7

DuPont Crop Protection

Supplemental Labeling

OPTIMUM® and GAT® are registered trademarks of Pioneer Hi-Bred International, Inc.

“Roundup” is a registered trademark of Monsanto Technology, LLC.

“Glyphomax” is a registered trademark of Dow AgroSciences, LLC.

DR-859 120530

ACCEPTED
MAY 30 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 352-632