

352-610

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

AUG 25 2008

Mr. Edward T. Bockrath
E.I. DuPont De Nemours & Company
DuPont Crop Protection
Stine-Haskell Research Center
P.O. Box 30
Newark, DE 19714-0030

Dear Mr. Bockrath:

Subject: DuPont Ally Extra Herbicide (Revise Grazing Based on Recent Tolerances)
EPA Registration No. 352-610
Application Dated May 24, 2008

The amendment referred to above, submitted in connection with registration under Section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. On page 2, revise the first paragraph beneath the Agricultural Use Requirements box to read similar to the following "DuPont Ally Extra should be used only in accordance with **instructions** on this label or in separately published DuPont **instructions**."
 - b. On page 2, revise the second paragraph beneath the Agricultural Use Requirements box to read similar to "DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not **specified** by DuPont."
 - c. On page 2, revise the first sentence of the third paragraph beneath the Agricultural Use Requirements box by deleting the word "recommended".
 - d. There are several area of the labels where sentences similar to "Read and follow all manufacturer's label recommendations for any companion herbicide, fungicide, and or insecticides. If these recommendations conflict with this label..." appears. These sentences must be revised by replacing the word "recommendations" and replacing it with the word **instructions**."
 - e. There are several areas of your labels where the phrase "local recommendations" appears. This phrase must be modified to read similar to "local **guidance**".

f. There are several areas of your labels, where the phrase "rotational crop recommendations" appear. Modify this phrase to read "rotational crop **intervals**".

g. There are several areas in your tank-mix directions for use, where the sentence "Do not use the tank mix if any restrictions on the (product name of tank-mix product) label conflict with the recommendations on the DuPont herbicide label" appear. Modify these sentences by replacing the word "recommendations" with the **instructions**.

h. There are several areas of your labels, where the phrase "specific recommendations" appear. Modify these phrases to read "specific **instructions**".

i. On page 10, under "Sequential Applications", revise the last sentence of the first paragraph to read "If those **instructions** conflict with this label, do not use that product in sequence with Ally Extra."

j. On pages 11 and 12, the footnotes underneath the charts, revise the first sentence of the last paragraph to read "To rotate a major field crop at an interval shorter than **specified**, a field bioassay must be successfully completed to that crop."

k. On page 13, under Spray Equipment, revise the first sentence to read "For specific application equipment, refer to the manufacturer's **instructions** for additional information..."

3. Submit one (1) copy of your final printed labeling incorporating these changes, before you release the product for shipment.

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

Amended labeling supersedes all previously approved ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

Vickie K. Walters for

James A. Tompkins
Product Manger 25
Herbicide Branch
Registration Division (7505P)



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DRAFT LABEL

DuPont™ Ally®
Extra
herbicide

DUPONT™ ALLY® EXTRA HIGHLIGHTS

- For selective postemergence broadleaf weed control in Wheat, Barley, Triticale and Fallow.
- Apply at the rate of 0.2 to 0.4 ounces per acre (see Use Rate and Tank Mixtures).
- Apply after the crop is in the 2-leaf stage, but before the flag leaf is visible on Wheat (except Durum and Wampum varieties of Spring Wheat) Barley and Triticale.
- In Durum and Wampum varieties of Spring Wheat, apply only with 2,4-D and make applications after the crop is tillering but before the crop reaches the boot stage.
- May be applied by ground or by air.
- Use in tank mixtures with other registered herbicides for broader spectrum weed control (see Tank Mixtures).
- Consult label text for complete instructions. Always read and follow label "Directions For Use".

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DuPont™ Ally® Extra

herbicide

For Use on Wheat, Barley, Triticale and Fallow.

ALLY® EXTRA herbicide is a dry flowable granule that is used for selective postemergence weed control in wheat (including durum), barley, triticale and fallow.

Active Ingredients	By Weight
Thifensulfuron methyl Methyl 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino]carbonyl]amino]-sulfonyl]-2-thiophenecarboxylate	37.50%
Tribenuron methyl Methyl 2-[[[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]-amino]sulfonyl]benzoate	18.75%
Metsulfuron methyl Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl] amino]-sulfonyl]benzoate	15.00%
Inert Ingredients	28.75%
TOTAL	100%

EPA Reg. No. 352-610

ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 25 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
352-610

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 IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin 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! Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Chemical resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all ≥ 14 mils.

Shoes plus socks.

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

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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.

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PESTICIDE HANDLING

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Ensure that all operation employees accurately measure pesticides.
- Mix only enough product for the job at hand.
- Avoid overfilling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field, grove, or mixing/loading station.
- Avoid storage of pesticides near well sites.

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 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Coveralls.

Chemical resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all \geq 14 mils.

Shoes plus socks.

DuPont™ ALLY® EXTRA should be used only in accordance with recommendations on this label or in supplemental DuPont publications.

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

ALLY® EXTRA is recommended for use on wheat, barley, triticale and fallow in most states, check with your state extension service or Department of Agriculture before use, to be certain ALLY® EXTRA is registered in your state. ALLY® EXTRA is not registered for use in Alamosa, Conejos, Costilla, Rio Grande, and Saquache counties of Colorado unless use is directed otherwise by supplemental labeling.

GENERAL INFORMATION

ALLY® EXTRA herbicide is a dry flowable granule that is used for selective postemergence weed control in wheat (including durum), barley, triticale and fallow.

The best control is obtained when ALLY® EXTRA is applied to young, actively growing weeds. The degree and duration of control may depend on the following:

- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment

ALLY® EXTRA is noncorrosive, nonflammable, nonvolatile, and does not freeze. ALLY® EXTRA should be mixed in water and applied as a uniform broadcast spray (See Tank Mixtures and Mixing Instructions sections for use with Liquid Nitrogen Fertilizer Solutions).

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

ALLY® EXTRA is absorbed through the roots and foliage of plants, rapidly inhibiting the growth of susceptible weeds. One to three weeks after postemergence application to weeds (2 to 5 weeks for wild garlic), leaves of susceptible plants appear chlorotic, and the growing point subsequently dies. In warm, moist conditions, the expression of herbicide symptoms is accelerated; in cold, dry conditions, expression of herbicide symptoms is delayed.

ALLY® EXTRA will provide up to 4 to 6 weeks of residual weed control. Susceptible weeds may germinate and emerge a few days after postemergence applications, but growth then ceases and leaves become chlorotic 3- 5 days after emergence. Death of leaf tissue and growing point will follow in some species, while others will remain green but stunted and noncompetitive.

ALLY® EXTRA provides the best control of weeds in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not provide satisfactory control. However, a crop canopy that is too dense at application can intercept spray and reduce weed control.

The herbicidal action of ALLY® EXTRA may be less effective on weeds stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, or cultural practices. In addition, weeds hardened-off by drought stress are less susceptible to ALLY® EXTRA.

PRODUCT MEASUREMENT

ALLY® EXTRA can be measured using the ALLY® EXTRA volumetric measuring cylinder included in the case. The degree of accuracy of this cylinder varies by \pm 7.5%. For more precise measurement, use scales calibrated in ounces.

FALLOW

FALLOW USE RATE

Apply 0.2 to 0.4 ounces per acre of ALLY® EXTRA to fallow fields.

ALLY® EXTRA should be applied in combination with other suitable registered fallow herbicides (See TANK MIXTURES for additional information)

Application Timing

Apply in the spring or fall when the majority of weeds have emerged and are actively growing.

TANK MIXTURES IN FALLOW

DuPont™ ALLY® EXTRA may be used as a fallow treatment, and should be tank mixed with other herbicides that are registered for use in fallow. 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 ALLY® EXTRA.

WHEAT, BARLEY AND TRITICALE

USE RATE

Apply ALLY® EXTRA at the rate of 0.2 to 0.4 ounces per acre to wheat, barley, triticale or fallow.

Use 0.4 ounces per acre of ALLY® EXTRA for heavy infestation of the weeds listed under Weeds Partially Controlled when application timing and environmental conditions are marginal (refer to Biological Activity and Environmental Conditions section of this label for best performance).

Use 0.2 to 0.3 ounces per acre of ALLY® EXTRA for light infestation of the weeds listed under Weeds Controlled. Conditions at application should be optimum for effective treatment of these weeds.

Note: See Tank Mix Section for additional info on required combinations when used at less than 0.4 ounces per acre.

APPLICATION TIMING

Wheat (except Durum and Wampum varieties of Spring Wheat) , Barley and Triticale

Do not harvest sooner than 45 days after the last application of ALLY® EXTRA.

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

Durum and Wampum Variety Spring Wheat

Make applications after the crop is tillering but before boot. Applications to durum and wampum varieties should be made in combination with 2,4-D.

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

If applied to irrigated wheat, barley or triticale the first post-treatment irrigation should be delayed for at least 6 hours after treatment and should not exceed 1 in. of water.

Do not apply ALLY® EXTRA to stressed crops, as this may cause crop injury. To reduce the potential of crop injury, tank mix ALLY® EXTRA with 2,4-D (ester formulations perform best-see TANK MIXTURES) and apply after the crop is in the tillering stage of growth.

Rainfall immediately after treatment can wash ALLY® EXTRA off of weed foliage, resulting in reduced weed control. Do not apply ALLY® EXTRA when rainfall is threatening.

Add a DuPont-recommended, nonionic surfactant having at least 80% active ingredient strength at 0.125 to 0.25% v/v (1 pt to 1 qt per 100 gal of spray solution).

Antifoaming agents may be needed. Consult your Ag dealer, applicator, or DuPont representative for a listing of recommended surfactants.

WEEDS CONTROLLED

ALLY® EXTRA effectively controls the following weeds when used according to label directions:

- Annual knawel
- Annual sowthistle
- Black mustard
- Blue/Purple mustard *
- Broadleaf dock
- Bur buttercup (testiculate)
- Bushy wallflower/
Treacle mustard
- Canada thistle *
- Carolina geranium
- Clasping pepperweed
- Coast fiddleneck (tarweed)
- Common buckwheat
- Common chickweed
- Common cocklebur
- Common mallow
- Common Purslane
- Common radish
- Common ragweed
- Common sunflower *
- Conical Catchfly
- Corn chamomile
- Corn gromwell *
- Corn spurry
- Cowcockle
- Cress (mouse-ear)
- Curly dock
- Cutleaf eveningprimrose
- False chamomile
- Field chickweed
- Field pennycress (fanweed)
- Filaree (redstem, Texas)
- Flixweed *
- Groundsel (common)
- Henbit
- Kochia ‡
- Knotweed (prostrate) *
- Lambsquarter
(common, slimleaf)
- London rocket
- Marshelder
- Mayweed chamomile
- Miners lettuce
- Narrowleaf lambsquarters
- Nightflowering catchfly
- Pennsylvania smartweed
- Pigweed (prostrate, redroot,
smooth, tumble)
- Pineappleweed
- Plains coreopsis
- Prickly lettuce ‡
- Redmaids
- Russian thistle ‡
- Scentless chamomile /
mayweed
- Shepherd's-purse
- Smallflower buttercup
- Smallseed falseflax
- Smartweed (green,
ladysthumb, pale)
- Snow Speedwell
- Sticky chickweed
- Stinking mayweed /
dogfennel
- Swinecress
- Tansymustard *
- Tarweed fiddleneck
- Tumble/ Jim Hill mustard
- Volunteer lentils
- Volunteer peas
- Volunteer sunflower
- Waterpod
- Wild buckwheat *
- Wild chamomile
- Wild garlic *
- Wild mustard
- Wild radish *

WEEDS PARTIALLY CONTROLLED**

ALLY® EXTRA partially controls the following weeds when used according to label directions:

- Catchweed bedstraw
- Mallow (little)
- Nightshade (cutleaf, hairy)
- Sowthistle (annual) *
- Tall waterhemp
- Vetch* (common, hairy)

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

**Partial control: A visual reduction of weed population as well as a significant loss of vigor. For better results, use the highest recommended rate of ALLY® EXTRA and include a tank mix partner such as 2,4-D, MCPA, bromoxynil (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced") or Dicamba (such as "Banvel"/ "Clarity"), refer to the Tank Mixtures section of this label.

‡ Naturally occurring resistant biotypes of kochia, prickly lettuce and Russian thistle are known to occur. See the Tank Mixtures and Specific Weed Problems sections of this label for additional details.

TANK MIXTURES

ALLY® EXTRA may be tank mixed with other suitable registered herbicides to control weeds listed as partially controlled, weeds resistant to ALLY® EXTRA or weeds not listed under Weeds Controlled. 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 ALLY® EXTRA.

DuPont™ ALLY® EXTRA can also be mixed with registered fungicides, insecticides, or liquid fertilizer for use on wheat, barley and triticale.

To provide best results, ALLY® EXTRA should be tank mixed with another broadleaf herbicide. For best results, use 2,4-D, or MCPA (preferably ester formulations). See below for use rates of 2,4-D or MCPA.

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

ALLY® EXTRA can be tank mixed with 2,4-D and MCPA (preferably ester formulations) herbicides for use on wheat, barley, triticale and fallow. For best results, add 2,4-D or MCPA herbicides to the tank at 1/8 to 3/8 lb active ingredient per acre.

In tank mixes containing 1/8 lb active ingredient 2,4-D or MCPA per acre, add 1 to 2 pt of non-ionic surfactant per 100 gal of spray solution; in tank mixes containing 1/4 to 3/8 lb active ingredient 2,4-D or MCPA per acre, add 1 pt of non-ionic surfactant per 100 gal of spray solution. Higher rates of 2,4-D or MCPA may be used, but do not exceed the highest rate allowed by those respective labels.

Always mix ALLY® EXTRA in water prior to adding 2,4-D or MCPA and add the surfactant last. Read and follow all label instructions on timing, precautions, and warnings for these herbicides before using these tank mixtures.

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

ALLY® EXTRA may be applied in a 3-way tank mix with formulations of Dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCPA. Observe all applicable directions, restrictions and precautions on labels of all products used.

Make applications of ALLY® EXTRA + 1.0-1.5 oz active Dicamba (such as "Banvel"/"Clarity") + 1/4 to 3/8 lb active ingredient of 2,4-D or MCPA (ester or amine) per acre. Use higher rates when weed infestation is heavy. Add 1-2 pt of nonionic surfactant to the 3-way mixture, where necessary, as deemed by local recommendations. Use of additional nonionic surfactant may not be needed with the higher phenoxy rates and ester phenoxy formulations. Consult the specific 2,4-D or MCPA and Dicamba labels, or local recommendations for more information.

Apply this 3-way combination to winter wheat after the crop is tillering and prior to jointing (first node). In Spring Wheat (including Durum), apply after the crop is tillering and before it exceeds the 5-leaf stage.

Do not apply this 3-way mixture at high rates more than once a year or more than twice per year at the low rates.

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

ALLY® EXTRA may be tank mixed with bromoxynil containing herbicides registered for use on wheat, barley, triticale or fallow. 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 ALLY® EXTRA plus Bromoxynil may result in reduced control of Canada thistle.

Read and follow all label instructions on timing, precautions, and warnings for these herbicides before using these tank mixtures. Follow the most restrictive labeling.

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

For improved control of Kochia (2-4" tall) ALLY® EXTRA 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. Refer to the DuPont herbicide label, and the Starane, Starane + Salvo, Starane + Sword labels for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the tank mix if any restriction on the labels conflict with recommendations on the DuPont herbicide label.

2,4-D and MCPA herbicides (preferably ester formulations) may be tank mixed with Starane, consult local recommendations and the Tank Mixtures section of this label for additional information.

With "Maverick"

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

Refer to the "Maverick" label for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the tank mix if any restrictions on the "Maverick" label conflict with recommendations on the DuPont herbicide label.

With "Aim"

ALLY® EXTRA can be tank mixed with "Aim" herbicide for improved control of weeds in wheat, barley and triticale.

Refer to the "Aim" label for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the tank mix if any restrictions on the "Aim" label conflict with recommendations on the DuPont herbicide label.

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

ALLY® EXTRA can be tank mixed with "Stinger" or "Curtail" or "Curtail M", or "Widematch" herbicide for improved control of weeds in wheat, barley and triticale. Refer to the "Stinger", "Curtail", "Curtail M", and "Widematch" labels for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the tank mix if any restrictions on the "Stinger" or "Curtail" or "Curtail M", or "Widematch" labels conflict with recommendations on the DuPont herbicide label.

With "Assert" Herbicide or "Avenge" Herbicide

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

With "Puma"

ALLY® EXTRA can be tank mixed with "Puma" herbicide for improved control of weeds in wheat, barley and triticale. Refer to the "Puma" label for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the

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tank mix if any restrictions on the "Puma" label conflict with recommendations on the DuPont herbicide label.

With "Discover NG"

DuPont™ ALLY® EXTRA can be tank mixed with "Discover NG" herbicide for improved control of weeds in spring wheat. Refer to the "Discover NG" label for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the tank mix if any restrictions on the "Discover NG" label conflict with recommendations on the DuPont herbicide label.

With "Everest"

ALLY® EXTRA can be tank mixed with "Everest" herbicide for improved control of weeds in spring wheat. Refer to the "Everest" label for information regarding use restrictions, labeled crops, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply. Do not use the tank mix if any restrictions on the "Everest" label conflict with recommendations on the DuPont herbicide label.

With Other Herbicides

ALLY® EXTRA may be tank mixed with other suitable registered cereal or fallow herbicides to control weeds listed as suppressed, weeds resistant to ALLY® EXTRA, or weeds not listed under Weeds Controlled. Read and follow all manufacturer's label recommendations for the companion herbicide. If those recommendations conflict with this label, do not tank mix the herbicide with ALLY® EXTRA. Tank mixes of ALLY® EXTRA plus metribuzin may result in reduced control of wild garlic.

Do not tank mix ALLY® EXTRA with 'Hoelon' 3EC, because grass control may be reduced.

With Fungicides

ALLY® EXTRA may be tank mixed or used sequentially with fungicides registered for use on cereal crops.

With Insecticides

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

Do not apply ALLY® EXTRA 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 ALLY® EXTRA plus Malathion, as crop injury may result.

With Liquid Nitrogen Fertilizer Solution

Liquid nitrogen fertilizer solutions (e.g., 28-0-0, 32-0-0) may be used as a carrier in place of water. Run a tank mix compatibility test before mixing ALLY® EXTRA in fertilizer solution.

ALLY® EXTRA must first be slurried with water and then added to liquid nitrogen solutions. Ensure that the agitator is running while the ALLY® EXTRA 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 pt - 1 qt 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. If 2,4-D or MCPA is included with ALLY® EXTRA and fertilizer mixture, ester formulations tend to be more compatible (See manufacturer's label). Additional surfactant may not be needed when using ALLY® EXTRA in tank mix with 2,4-D ester or MCPA 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.

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.

SPECIFIC WEED PROBLEMS

Note: Thorough spray coverage of all weed species listed below is very important.

Blue Mustard and Tansymustard: For best results, use 0.3-0.4 ounces per acre and apply ALLY® EXTRA in tank mixtures with 2,4-D or MCPA postemergence to mustards, but before bloom (refer to Tank Mixtures section of this label for additional details).

Flixweed: For best results, use 0.3-0.4 ounces per acre and apply ALLY® EXTRA in tank mixtures with 2,4-D or MCPA postemergence, but before bloom (refer to Tank Mixtures section of this label for additional details).

Canada Thistle: For best results, use 0.4 ounces per acre and apply ALLY® EXTRA plus 2,4-D, or MCPA, or dicamba (such as "Banvel"/ "Clarity") (refer to Tank Mixtures for additional details) in the spring after the majority of thistles have emerged and are small (rosette stage to 6" elongating stems) and actively growing. The application will inhibit the ability of emerged thistles to compete with the crop.

Sowthistle: For best results, use 0.4 ounces per acre and apply either ALLY® EXTRA plus surfactant or ALLY® EXTRA plus 2,4-D or MCPA (refer to Tank Mixtures section of this label for additional details) in the spring after the majority of sowthistles have emerged and are small (rosette stage to 6" elongating stems) and actively growing.

Corn Gromwell: For best results, use 0.3-0.4 ounces per acre and apply ALLY® EXTRA when weeds are actively growing, are no larger than 2" tall, and when crop canopy will allow thorough coverage. Tank mixing 2,4-D, MCPA, or bromoxynil containing products (such as "Buctril", "Bronate", "Bison" or "Bronate Advanced") with ALLY® EXTRA usually improves results (refer to Tank Mixtures section of this label for additional details).

Sunflower (common/volunteer): For best results, use 0.4 ounces per acre and apply either DuPont™ ALLY® EXTRA plus surfactant or ALLY® EXTRA plus 2,4-D or MCPA (refer to Tank Mixtures section of this label for additional details) after the majority of sunflowers have emerged, are 2" to 4" tall and are actively growing. Use spray volumes of at least 3 gal by air.

Prostrate Knotweed: For best results, use 0.4 ounces per acre and apply ALLY® EXTRA when weeds are actively growing, are no larger than 2" tall, and when crop canopy will allow thorough coverage. Tank mixing 2,4-D or MCPA (refer to Tank Mixtures section of this label for additional details) with ALLY® EXTRA usually improves results.

Wild Buckwheat: For best results, use 0.3-0.4 ounces per acre and apply ALLY® EXTRA plus 2,4-D, MCPA, or bromoxynil containing products (such as "Buctril", "Bronate", "Bison" or "Bronate Advanced") when plants have no more than three true leaves (not counting the cotyledons). If plants are not actively growing, delay treatment until environmental conditions favor active weed growth (refer to Tank Mixtures section of this label for additional details).

Vetch (common and hairy): For best results, use 0.4 ounces per acre and apply ALLY® EXTRA when vetch is less than 6" in length. For severe infestations of vetch, or when vetch is greater than 6" in length, use ALLY® EXTRA in combination with 2,4-D, or MCPA (refer to Tank Mixtures section of this label for additional details).

Wild garlic: For best results, use 0.4 ounces per acre and apply ALLY® EXTRA when wild garlic plants are less than 12" tall with 2" to 4" of new growth. Plants hardened-off by cold weather and/or drought stress may be more difficult to control. Thorough spray coverage of all garlic plants is essential. Typical symptoms of dying garlic plants may not be noticeable for 2 to 5 weeks.

Control will be improved by using ALLY® EXTRA in combination with 2,4-D or MCPA (refer to Tank Mixtures section of this label for additional details).

Wild radish: For best results, use 0.4 ounces per acre applied in the fall to wild radish rosettes less than 6" in diameter and before plants harden-off. Alternatively, ALLY® EXTRA can be applied in the spring for control of wild radish. Control will be improved by using ALLY® EXTRA in combination with 2,4-D or MCPA (refer to Tank Mixtures section of this label for additional details) when wild radish rosettes are less than 6" in diameter. Applications made later than 30 days after weed emergence, either in the fall or spring, will result in partial control.

Kochia, Russian thistle, Prickly lettuce: Naturally occurring resistant biotypes of these weeds are known to occur. For best results, use ALLY® EXTRA in a tank mix with "Starane", "Starane + Salvo", "Starane + Sword", bromoxynil containing products (such as "Buctril", "Bronate", "Bison" or "Bronate Advanced") or dicamba (such as "Banvel"/ "Clarity") and/or 2,4-D (refer to Tank Mixtures section of this label for additional details). ALLY® EXTRA should be applied in the spring when kochia, Russian thistle, and prickly lettuce are less than 2" tall or 2" across and are actively growing.

SPRAY ADJUVANTS

Include a spray adjuvant with applications of ALLY® EXTRA in addition, an ammonium nitrogen fertilizer may be used. Consult your Ag dealer or applicator, local DuPont fact sheets, technical bulletins, and service policies prior to using an adjuvant

system. If another herbicide is tank mixed with ALLY® EXTRA, select adjuvants authorized for use with both products. Products must contain only EPA-exempt ingredients (40CFR 1001).

Nonionic Surfactant (NIS)

o Apply 0.06 to 0.50% volume/volume (1/2 pt to 4 pt per 100 gal of spray solution).

o 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..

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

o Apply at 1% volume/volume (1 gal per 100 gal spray solution) or 2% volume/volume under arid conditions.

o 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

o 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.

o 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

o 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.

GROUND APPLICATION

For optimum spray distribution and thorough coverage, use flat-fan or low-volume flood nozzles.

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

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

"Raindrop RA" nozzles are not recommended for ALLY® EXTRA applications, because weed control performance may be reduced.

Use screens that are 50-mesh or larger.

AERIAL APPLICATION

Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage at 1 to 5 GPA. Use at least 3 GPA in Idaho, Oregon, Washington, or Utah.

When applying ALLY® EXTRA by air in areas near sensitive crops, use solid-stream nozzles oriented straight back. Adjust swath to avoid spray drift damage to downwind sensitive crops and/or ground equipment to treat border edge of field. See the

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Spray Drift Management section of this label.

For aerial application in Washington, follow the directions in the Spray Drift Management Section of this label and the following Washington state restrictions:

Applications of DuPont™ ALLY® EXTRA must be made in equipment that meets the most restrictive Washington Agricultural Codes (WAC) for the prevention of herbicide drift for the respective county.

Do not apply in equipment that does not meet these WAC standards.

SEQUENTIAL APPLICATIONS

ALLY® EXTRA can be applied either before or after applications of other products registered for use in wheat, barley, triticale or fallow. Read and follow all label instructions on timing, precautions, and warnings for these herbicides before using these in sequence with ALLY® EXTRA. If those recommendations conflict with this label, do not use that product in sequence with ALLY® EXTRA.

- ALLY® should not be used as a sequential treatment with ALLY® EXTRA.
- If using DuPont™ HARMONY® EXTRA as a sequential treatment with ALLY® EXTRA, do not exceed 0.7 ounce of HARMONY® EXTRA per acre per crop season.
- If using DuPont™ EXPRESS® as a sequential treatment with ALLY® EXTRA, do not exceed 0.25 ounce of EXPRESS® per acre per crop season.

CROP ROTATION

Before using ALLY® EXTRA carefully consider your crop rotation plans and options. For rotational flexibility, do not treat all of your acres at the same time.

Minimum Rotational Intervals

Minimum rotation intervals* are determined by the rate of breakdown of ALLY® EXTRA applied. ALLY® EXTRA breakdown in the soil is affected by soil pH, presence of soil microorganisms, soil temperature, and soil moisture. Low soil pH, high soil temperature, and high soil moisture increase ALLY® EXTRA breakdown in soil, while high soil pH, low soil temperature, and low soil moisture slow ALLY® EXTRA breakdown.

Of these 3 factors, only soil pH remains relatively constant. Soil temperature, and to a greater extent, soil moisture, can vary significantly from year to year and from area to area. For this reason, soil temperatures and soil moisture should be monitored regularly when considering crop rotations.

* The minimum rotation interval represents the period of time from the last application to the anticipated date of the next planting. **Minimum rotation intervals must be extended 1 crop season if drought conditions prevail after application and before the rotational crop is planted.**

Soil pH Limitations

ALLY® EXTRA should not be used on soils having a pH above 7.9, because extended soil residual activity could extend crop rotation intervals beyond normal. Under certain conditions, ALLY® EXTRA could remain in the soil for 34 months or more, injuring wheat, barley or triticale. In addition, other crops planted in high-pH soils can be extremely sensitive to low concentrations of ALLY® EXTRA.

Checking Soil pH

Before using ALLY® EXTRA, determine the soil pH of the areas of intended use. To obtain a representative pH value for the test area, take several 0" to 4" samples from different areas of the field and analyze them separately. Consult local extension publications for additional information on recommended soil sampling procedures.

All Areas - Following Use of DuPont™ ALLY® EXTRA at 0.21 to 0.4 Ounces Per Acre

Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
Winter wheat, spring wheat and Triticale	7.9 or lower	No restrictions	1
Durum wheat, barley, spring/winter oat	7.9 or lower	No restrictions	10

Rotation Intervals For Crops in Non-Irrigated Land Following Use of ALLY® EXTRA at 0.21 to 0.4 Ounces Per Acre on Wheat, Barley, Triticale or Fallow

Location		Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
State	County or Area				
Colorado	Statewide	Grain sorghum	7.9 or lower	No restrictions	4
		Flax, Safflower	7.9 or lower	No restrictions	22
	Generally N of I-70	Field corn	7.9 or lower	15	12
	Statewide	STS Soybean	7.9 or lower	No restrictions	4
		IR Corn	7.9 or lower	No restrictions	4
		Proso millet	7.9 or lower	No restrictions	4
Idaho	Southern Idaho	Flax, Safflower	7.9 or lower	No restrictions	22
	Statewide	Peas, Lentils, Canola	6.8 or lower	18	10
		Peas	6.9 to 7.9	18	15
		Lentils	6.9 to 7.9	18	34
		Canola	6.9 to 7.9	18	22
		Condiment mustard	7.3 or lower	10	10
		Chickpeas (Garbanzo beans)	7.3 or lower	10	10
		Condiment mustard	7.4 or higher	28	34
		Chickpeas (Garbanzo beans)	7.4 or higher	28	34
Kansas	Statewide	STS Soybean	7.9 or lower	No restrictions	4
		IR Corn	7.9 or lower	No restrictions	4
		Proso millet	7.9 or lower	No restrictions	4
		Grain sorghum	7.9 or lower	No restrictions	4
		Flax, Safflower	7.9 or lower	No restrictions	22
	Central and Western Kansas (West of the Flint Hills)	Field corn	7.9 or lower	15	12
	Western Kansas W. of Hwy. 183	Soybeans	7.5 or lower 7.6-7.9	22 33	22 34
	Central Kansas; generally E. of Hwy. 183 and W. of the Flinthills	Soybeans	7.9 or lower	15	12

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Rotation Intervals For Crops in Non-Irrigated Land (continued)
Following Use of DuPont™ ALLY® EXTRA at 0.21 to 0.4 Ounces Per Acre on Wheat, Barley, Triticale or Fallow

Location		Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
State	County or Area				
Montana	Statewide	Grain sorghum, Proso millet, Field corn	7.9 or lower	22	22
		Alfalfa (hay only)	7.6-7.9	No restrictions	34
			7.5 or lower	No restrictions	22
		Flax, Safflower	7.9 or lower	No restrictions	22
Nebraska	Statewide	STS Soybean	7.9 or lower	No restrictions	4
		IR Corn	7.9 or lower	No restrictions	4
		Proso millet	7.9 or lower	No restrictions	4
		Grain sorghum	7.9 or lower	No restrictions	4
		Flax, Safflower	7.9 or lower	No restrictions	22
	Generally W. of Hwy. 77 and E. of the Panhandle	Field corn	7.9 or lower	15	12
		Soybeans	7.5 or lower	22	22
	7.6-7.9		33	34	
New Mexico	Statewide	Grain sorghum, Proso millet	7.9 or lower	No restrictions	10
		Flax, Safflower	7.9 or lower	No restrictions	22
	Eastern New Mexico	Cotton (dryland only)	7.9 or lower	30	22
North Dakota	W. of Hwy. 1	Grain sorghum, Proso millet, Field corn, Dry beans, Flax, Safflower	7.9 or lower	22	22
	E. of Hwy. 1	Grain sorghum, Proso millet, Field corn, Dry beans, Flax, Safflower	7.9 or lower	34	34
Oklahoma	Statewide	STS Soybean	7.9 or lower	No restrictions	4
		IR Corn	7.9 or lower	No restrictions	4
		Proso millet	7.9 or lower	No restrictions	4
		Grain sorghum	7.9 or lower	No restrictions	4
		Flax, Safflower	7.9 or lower	No restrictions	22
		Field corn	7.9 or lower	15	12
	Panhandle	Cotton (dryland only)	7.9 or lower	30	22
	E. of the Panhandle	Cotton (dryland only)	7.9 or lower	25	14

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Rotation Intervals For Crops in Non-Irrigated Land (continued)
Following Use of DuPont™ ALLY® EXTRA at 0.21 to 0.4 Ounces Per Acre on Wheat,
Barley, Triticale or Fallow

Location		Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
State	County or Area				
Oregon	Statewide	Peas Lentils Canola	6.8 or lower	18	10
		Peas	6.9 to 7.9	18	15
		Lentils	6.9 to 7.9	18	34
		Canola	6.9 to 7.9	18	22
		Condiment mustard	7.3 or lower	10	10
		Chickpeas (Garbanzo beans)	7.3 or lower	10	10
		Condiment mustard	7.4 or higher	28	34
		Chickpeas (Garbanzo beans)	7.4 or higher	28	34
South Dakota	Statewide	Flax, Safflower	7.9 or lower	No restrictions	22
	S. of Hwy. 212 & E. of the Missouri River, & S. of Hwy. 34 & W. of Missouri River	Grain sorghum, Proso millet	7.9 or lower	13	12
	Generally E. of Missouri River & S. of Hwy. 14, & W. of Missouri River	Field corn	7.9 or lower	15	12
Texas	Statewide	STS Soybeans	7.9 or lower	No restrictions	4
		IR Corn	7.9 or lower	No restrictions	4
		Proso millet	7.9 or lower	No restrictions	4
		Grain sorghum	7.9 or lower	No restrictions	4
		Flax, Safflower	7.9 or lower	No restrictions	22
	Panhandle	Field corn	7.9 or lower	15	12
		Cotton (dryland only)	7.9 or lower	30	22
	N. Central Texas*	Field corn	7.9 or lower	15	12
		Cotton (dryland only)	7.9 or lower	25	14
	* The counties of N. Central Texas are: Archer, Baylor, Bell, Bosque, Bowie, Callahan, Camp, Cass, Clay, Collin, Cooke, Coryell, Dallas, Delta, Denton, Eastland, Ellis, Falls, Fannin, Foard, Franklin, Grayson, Hardeman, Haskell, Hill, Hood, Hopkins, Hunt, Jack, Johnson, Kaufman, Knox, Lamar, Limestone, McLennan, Milam, Montague, Morris, Nafarro, Palo Pinto, Parker, Rains, Red River, Robertson, Rockwall, Shackelford, Somervell, Stephens, Tarrant, Throckmorton, Titus, Upshur, Van Zandt, Wilbarger, Wichita, Williamson, Wise, Wood, Young.				
Utah	Statewide	Flax, Safflower	7.9 or lower	No restrictions	22

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**Rotation Intervals For Crops in Non-Irrigated Land (continued)
Following Use of DuPont™ALLY® EXTRA at 0.21 to 0.4 Ounces Per Acre on Wheat,
Barley, Triticale or Fallow**

Location		Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
State	County or Area				
Washington	Statewide	Condiment mustard	7.3 or lower	10	10
		Chickpeas (Garbanzo beans)	7.3 or lower	10	10
		Condiment mustard	7.4 or higher	28	34
		Chickpeas (Garbanzo beans)	7.4 or higher	28	34
		Peas Lentils Canola	6.8 or lower	18	10
		Peas	6.9 to 7.9	18	15
		Lentils	6.9 to 7.9	18	34
		Canola	6.9 to 7.9	18	22
Wyoming	Statewide	Flax, Safflower	7.9 or lower	No restrictions	22
	Southern Wyoming	Grain sorghum, Proso millet	7.9 or lower	No restrictions	10
	Southern Wyoming (Goshen, Laramie, and Platte counties only)	Field corn	7.9 or lower	15	12
	Northern Wyoming	Grain sorghum, Proso millet, Field corn	7.9 or lower	22	22

Rotation Intervals for crops not covered above - The minimum rotation interval is 34 months with at least 28" of cumulative precipitation during the period:

- to any major field crop not listed (See the Rotation Intervals table)
- if the soil pH is not in the specified range
- if the use rate applied is not specified in the table
- or if the minimum cumulative precipitation has not occurred since application.

To rotate to a major field crop at an interval shorter than recommended, a field bioassay must be successfully completed to that crop. A field bioassay must be successfully completed before rotation to any minor crops (as determined by the USDA criteria). See section on Field Bioassay for further information.

**Rotation Intervals For Crops in Non-Irrigated Land
Following Use of ALLY® EXTRA up to 0.3 Ounces Per Acre on Wheat, Barley, Triticale
or Fallow in the states of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South
Dakota, Texas and Wyoming**

Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
Sunflower	7.9 or lower	No restrictions	10

Rotation Intervals for crops not covered above (up to 0.3 ounces per acre) - The minimum rotation interval is 34 months with at least 28" of cumulative precipitation during the period:

- to any major field crop not listed (See the Rotation Intervals table)
- if the soil pH is not in the specified range
- if the use rate applied is not specified in the table
- or if the minimum cumulative precipitation has not occurred since application.

To rotate to a major field crop at an interval shorter than recommended, a field bioassay must be successfully completed to that crop. A field bioassay must be successfully completed before rotation to any minor crops (as determined by the USDA criteria). See section on Field Bioassay for further information.

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Rotation Intervals For Crops in Non-Irrigated Land
Following Use of DuPont™ ALLY® EXTRA at 0.31 to 0.4 Ounces Per Acre on Wheat, Barley, Triticale or Fallow

Location		Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
State	County or Area				
Colorado Idaho Kansas Montana Nebraska New Mexico Oklahoma South Dakota Texas Utah Wyoming	Statewide	Sunflower	7.9 or lower	No restrictions	22
North Dakota	W. of Hwy. 1	Sunflower	7.9 or lower	22	22
	E. of Hwy. 1	Sunflower	7.9 or lower	34	34

Rotation Intervals for crops not covered above (0.31 to 0.4 ounces per acre) - The minimum rotation interval is 34 months with at least 28" of cumulative precipitation during the period:

- to any major field crop not listed (See the Rotation Intervals table)
- if the soil pH is not in the specified range
- if the use rate applied is not specified in the table
- or if the minimum cumulative precipitation has not occurred since application.

To rotate to a major field crop at an interval shorter than recommended, a field bioassay must be successfully completed to that crop. A field bioassay must be successfully completed before rotation to any minor crops (as determined by the USDA criteria). See section on Field Bioassay for further information.

Rotation Intervals For Crops in Non-Irrigated Land
Following Use of ALLY® EXTRA at 0.2 Ounces Per Acre on Wheat, Barley Triticale or Fallow

Crop	Soil pH	Minimum Cumulative Precipitation (inches)	Minimum Rotation Interval (months)
Sorghum, Grain	7.9 or lower	No restrictions	4
Cotton	7.9 or lower	No restrictions	10
Safflower	7.9 or lower	No restrictions	10
Peas, Dry /Green	6.8 or lower	No restrictions	10
	6.9 to 7.9	No restrictions	22
Lentils	6.8 or lower	No restrictions	10
	6.9 to 7.9	No restrictions	22
Alfalfa	6.8 or lower	No restrictions	10
	6.9 to 7.9	No restrictions	22
Beans, Dry	6.8 or lower	No restrictions	10
	6.9 to 7.9	No restrictions	22
Sunflower	7.9 or lower	No restrictions	10

Rotation Intervals for crops not covered above (0.2 ounces per acre) - The minimum rotation interval is 22 months with at least 18" of cumulative precipitation during the period:

- to any major field crop not listed (See the Rotation Intervals table)
- if the soil pH is not in the specified range
- if the use rate applied is not specified in the table
- or if the minimum cumulative precipitation has not occurred since application.

To rotate to a major field crop at an interval shorter than recommended, a field bioassay must be successfully completed to that crop. A field bioassay must be successfully completed before rotation to any minor crops (as determined by the USDA criteria). See section on Field Bioassay for further information.

FIELD BIOASSAY

A field bioassay is necessary if crops other than wheat, barley or those listed on this label are to be planted on land previously treated with DuPont™ ALLY® EXTRA. To conduct a field bioassay, grow test strips of the crop or crops you plan to grow the following year in fields previously treated with ALLY® EXTRA. Crop response to the bioassay will indicate whether or not to rotate to the crop(s) grown in the test strips.

If a field bioassay is planned, check with your local DuPont representative for information detailing field bioassay procedure.

GRAZING

Allow at least 7 days between application and grazing of treated forage. In addition, allow at least 7 days between application and feeding of forage from treated areas to livestock. Allow at least 30 days between application and feeding of hay from treated areas to livestock. Harvested straw may be used for bedding and/or feed. Allow at least 45 days between application and harvesting of grain.

MIXING INSTRUCTIONS

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of ALLY® EXTRA.
3. Continue agitation until the ALLY® EXTRA is fully dispersed, at least 5 minutes.
4. Once the ALLY® EXTRA is fully dispersed, maintain agitation and continue filling tank with water. ALLY® EXTRA 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 surfactant. Always add surfactant last. Antifoaming agents may be used. 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 ALLY® EXTRA.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly reagitrate before using.
7. Apply ALLY® EXTRA spray mixture within 24 hours of mixing to avoid product degradation.
8. If ALLY® EXTRA and a tank mix partner are to be applied in multiple loads, pre-slurry the ALLY® EXTRA in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dispersion of the ALLY® EXTRA.

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.

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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 Spray Drift Management section of label. Continuous agitation is required to keep ALLY® EXTRA in suspension.

SPRAYER CLEANUP

The spray equipment must be cleaned before ALLY® EXTRA 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 ALLY® EXTRA section of this label.

AT THE END OF THE DAY

It is recommended that during periods when multiple loads of ALLY® EXTRA 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 ALLY® EXTRA AND BEFORE SPRAYING CROPS OTHER THAN WHEAT, BARLEY OR TRITICALE

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

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

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

Notes:

1. CAUTION: Do not use chlorine bleach with ammonia because dangerous gases will form. Do not clean equipment in an enclosed area.

2. Steam-cleaning aerial spray tanks is recommended prior to performing the above cleanout procedure to facilitate the removal of any caked deposits.
3. When DuPont™ ALLY® EXTRA is tank mixed with other pesticides, cleanout procedures for each product should be examined and the most rigorous procedure should be followed.
4. In addition to this cleanout procedure, all precleanout guidelines on subsequently applied products should be followed as per the individual product labels.
5. Where routine spraying practices include shared equipment frequently being switched between applications of ALLY® EXTRA and applications of other pesticides to ALLY® EXTRA -sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to ALLY® EXTRA to further reduce the chance of crop injury.

SPRAY DRIFT MANAGEMENT

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

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

IMPORTANCE OF DROPLET SIZE

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

Controlling Droplet Size - General Techniques

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

Controlling Droplet Size - Aircraft

- **Number of Nozzles** - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- **Nozzle Type** - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.

- **Boom Length** - The boom length should not exceed 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) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

WIND

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

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

TEMPERATURE AND HUMIDITY

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

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SHIELDED SPRAYERS

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

AIR ASSISTED (AIR BLAST) FIELD CROP SPRAYERS

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

RESISTANCE

Biotypes of certain weeds listed on this label are resistant to ALLY® EXTRA and other herbicides with the same mode of action*, even at exaggerated application rates. Biotypes are naturally occurring individuals of a species that are identical in appearance but have slightly different genetic compositions; the mode of action of an herbicide is the chemical interaction that

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interrupts a biological process necessary for plant growth and development .

If weed control is unsatisfactory, it may be necessary to retreat problem areas using a product with a different mode of action, such as postemergence broadleaf and/or grass herbicides.

If resistant weed biotypes such as kochia, prickly lettuce, and Russian thistle are suspected or known to be present use a tank-mix partner with DuPont™ ALLY® EXTRA to help control these biotypes, or use a planned herbicide rotation program where other residual broadleaf herbicides having different modes of action are used.

To better manage weed resistance when using ALLY® EXTRA use a combination of tillage, and tank-mix partners or sequential herbicide applications that have a different mode of action than ALLY® EXTRA to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area.

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.

* Naturally occurring weed biotypes that are resistant to "Amber" herbicide, ALLY® herbicide, DuPont™ GLEAN® F C herbicide, DuPont™ EXPRESS® herbicide, or DuPont™ HARMONY® EXTRA herbicide will also be resistant to ALLY® EXTRA

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 which 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

- ALLY® EXTRA is only registered on wheat, barley, triticale and fallow. Do not use on any other crop.
- Do not apply this product through any type of irrigation equipment or to irrigated land where tailwater will be used to irrigate crops other than wheat, barley or triticale.
- Varieties of wheat (including durum), barley and triticale 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 ALLY® EXTRA to a small area.
- Under certain conditions such as heavy rainfall, prolonged cold weather, or wide fluctuations in day/night temperatures prior to or soon after ALLY® EXTRA application, temporary discoloration and/or crop injury may occur. To reduce the potential of crop injury, tank mix ALLY® EXTRA 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.

- ALLY® EXTRA should not be applied to wheat, barley or triticale that is stressed by severe weather conditions, drought, low fertility, water-saturated soil, disease, or insect damage, as crop injury may result. Risk of injury is greatest when 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 or triticale undersown with legumes and grasses, because injury to the forages will result.
- For ground applications applied when dry, dusty field conditions exist, control of weeds in wheel track areas may be reduced. The addition of 2,4-D or MCPA may improve weed control under these conditions.
- 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 or triticale.

STORAGE AND DISPOSAL

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

Pesticide Disposal: Do not contaminate water, food, or feed by disposal. Wastes 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™ ALLY® EXTRA. 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 a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.

Container Disposal for Bulk Containers: When this container is empty, replace the cap and seal all openings that have been opened during use, and return the container to the point of purchase or to a designated location named at time of purchase of this product. The container must only be refilled with this pesticide product. **DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE.** Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, contact 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.

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