



REPORT™ EXTRA HERBICIDE

For Use on Wheat, Barley, and Fallow
Dry Flowable

ACTIVE INGREDIENT:

Chlorsulfuron: 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl] benzenesulfonamide	62.5%
Metsulfuron-methyl: Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sufonyl]benzoate	12.5%
Other Ingredients:	25.0%
TOTAL:	100.0%

EPA Reg. No. 67760-82

EPA EST NO.:

**KEEP OUT OF REACH OF CHILDREN
CAUTION CAUCION**

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

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

Read the entire label before using this product.

Use only according to label instructions.

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

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

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

Manufactured for:
CHEMINOVA INC.
One Park Drive, Suite 150
P.O. Box 110566
Research Triangle Park, NC 27709
www.cheminova.us.com

REPORT™ is a trademark of Cheminova



REPORT EXTRA HIGHLIGHTS

- For preplant/preemergence weed control in winter and spring wheat (except durum wheat and Wampum variety of spring wheat).
- For postemergence broadleaf weed control in both winter and spring wheat and barley.
- Recommended for land primarily dedicated to long-term production of wheat or barley (see **CROP ROTATION** section for information).
- Preplant, preemergence, or postemergence: Use 2/10 to 5/10 oz per acre depending on growing area, application method, and weeds to be controlled.
- Apply postemergence to wheat and barley any time after the crop is in the 1-leaf stage, but before boot stage.
- No grazing restrictions.
- May be applied by ground or by air.
- Use in tank mixtures with other registered herbicides for broader spectrum weed control (see **TANK MIXTURES**).
- For fallow, use in combinations with other herbicides. Apply in the spring or fall when the majority of weeds have emerged and are actively growing.
- Consult label text for complete instructions. Always read and follow label **DIRECTIONS FOR USE**.

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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 1-866-303-6950 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 eyes or clothing. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT

Some 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 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 disposing of equipment washwaters.

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 Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all ≥ 14 mils.
- Shoes plus socks

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL:

Nonrefillable containers equal to or less than 5 gallons:

Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable containers greater than 5 gallons:

Do not reuse or refill this container. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank and store rinsate for later use or disposal. Repeat this procedure two more times.

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

REPORT EXTRA should be used only in accordance with recommendations on this label or in separate published Cheminova recommendations.

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

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

GENERAL INFORMATION

REPORT EXTRA herbicide is recommended for use on land primarily dedicated to the long-term production of wheat and barley.

REPORT EXTRA is a dry-flowable granule that controls weeds in wheat (including durum), barley and fallow.

REPORT EXTRA is recommended for use in all states (except in Alamosa, Conejos, Costilla, Rio Grande, and Saguache counties of Colorado - unless directed otherwise by supplemental labeling).

REPORT EXTRA is mixed in water or may be slurried in water then added directly into liquid nitrogen fertilizer solutions and applied as a uniform broadcast spray. A surfactant should be used in the spray mix unless otherwise specified on this label. REPORT EXTRA is noncorrosive, nonflammable, nonvolatile, and does not freeze.

REPORT EXTRA controls weeds by both preemergence and postemergence activity. For best preemergence results, apply REPORT EXTRA before weed seeds germinate. Use sprinkler irrigation or allow rainfall to move REPORT EXTRA 2 to 3 inches deep into the soil profile.

For best postemergence results, apply REPORT EXTRA to young, actively growing weeds. The use rate depends upon the weed spectrum and size of weeds at the time of application. 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

Environmental Conditions and Biological Activity

REPORT EXTRA is absorbed through the roots and foliage of plants, rapidly inhibiting the growth of susceptible weeds. For preplant and preemergence weed control, rainfall is needed to move REPORT EXTRA into the soil. Weeds will generally not emerge from preplant and preemergence applications. In some cases, susceptible weeds may germinate and emerge a few days after application, but growth then ceases and leaves become chlorotic three to five days after emergence. Death of leaf tissue and growing point will follow in some species, while others will remain green but stunted and noncompetitive.

One to three weeks after postemergence application to weeds, 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. Death of leaf tissue will follow in some species, while others will remain green but stunted and noncompetitive. Postemergence weed control may be reduced if rainfall occurs within 6 hours after application.

REPORT 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 REPORT EXTRA may be less effective on weeds stressed from adverse environmental conditions (such as extreme temperatures or moisture, drought stress), abnormal soil conditions, or cultural practices that increase weed stress. In these cases, tank mix REPORT EXTRA with other registered herbicides (such as 2,4-D or MCPA) to aid in control.

USE RATES AND APPLICATION TIMING

WHEAT AND BARLEY

Preplant and Preemergence

Preplant/Preemergence applications are recommended for winter and spring wheat only.

REPORT EXTRA can be tank mixed with other products registered for preplant/preemergence use in wheat (such as GLYFOS® or "Roundup").

Crop injury may result if REPORT EXTRA is used where an organophosphate insecticide (such as "Di-Syston") has been applied or is intended for use as an in-furrow treatment.

WINTER WHEAT

Preplant: REPORT EXTRA may be applied at 2/10 to 4/10 oz per acre (before winter wheat is planted).

Preemergence: REPORT EXTRA may be applied at 2/10 to 5/10 oz per acre (after planting but before winter wheat emerges).

- In WY, MT, ND, SD, and MN, do not exceed 3/10 oz per acre preemergence.
- The 5/10 oz per acre rate applied preemergence is only recommended for suppressing bromus species (cheat, downy brome, Japanese brome) and annual ryegrass.

SPRING WHEAT

REPORT EXTRA may be applied preplant or preemergence at 2/10 to 4/10 oz per acre in spring wheat (except Durum wheat and Wampum variety of Spring Wheat).

• In WY, MT, ND, SD, and MN, do not exceed 3/10 oz per acre preplant or preemergence. Durum Wheat and Wampum Variety of Spring Wheat - Make applications of REPORT EXTRA postemergence only.

Do not apply preemergence to late fall plantings when cold and/or dry weather can cause delayed seedling emergence and/or stress to seedling plants. Under these conditions, wait until crop has emerged and is showing good vigor before making a postemergence treatment. Crop injury may result when preemergence applications of REPORT EXTRA are made to wheat seeded less than 1 inch deep.

Postemergence

REPORT EXTRA can be tank mixed with other products registered for postemergence use in wheat and barley.

REPORT EXTRA should not be used within 60 days of crop emergence if an organophosphate insecticide (such as "Di-Syston") was used as an in-furrow treatment, or crop injury may result.

Use 2/10 to 4/10 oz per acre.

Postemergence: Apply REPORT EXTRA to wheat or barley any time after the crop is in the 1-leaf stage, but before boot stage.

In areas where late fall or winter cold weather conditions are unpredictable and can be severe (such as the Pacific Northwest and Northern plains), to avoid crop injury due to cold weather, do not make applications during the 1- to 4-leaf stage of wheat or barley. The combined effects of herbicide stress plus cold weather stress can result in greater crop injury than either stress factor alone.

Do not apply REPORT EXTRA during the boot stage or early heading stage, as crop injury may result.

FALLOW

REPORT EXTRA may be used as a fallow treatment, and may be tank mixed with other herbicides that are registered for use in fallow. Apply REPORT EXTRA at 2/10 - 4/10 oz per acre in the spring or fall when the majority of weeds have emerged and are actively growing.

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 REPORT EXTRA.

WEEDS CONTROLLED—REPORT EXTRA Use Rates

REPORT EXTRA effectively controls the following weeds when applied at the rates shown:

2/10 to 3/10 oz per acre

Blue mustard	Mayweed chamomile
Broadleaf dock	Miners lettuce
Bur beakchervil	Pineappleweed
Bur buttercup (testiculate)	Prickly lettuce††
Carolina geranium	Prostrate pigweed
Chickweed (common, jagged, mouseear)	Plains coreopsis
Conical catchfly	Purslane
Corn spurry	Redstem filaree
Cow cockle	Redroot pigweed
Curly dock	Shepherd's purse
Cutleaf eveningprimrose	Smallseed falseflax
False chamomile	Smooth pigweed
Field pennycress	Tansymustard*†
Flixweed*†	Treacle mustard (Bushy wallflower)
Groundsel	Tumble mustard (Jim Hill)
Hempnettle	Virginia pepperweed
Henbit	White cockle
Lady's thumb	Wild mustard
Lambsquarters	Wild carrot

3/10 to 4/10 oz per acre

Annual bluegrass*†	Knotweed (prostrate)*†
Annual ryegrass*†	Kochia*†‡
Annual sowthistle	Pennsylvania smartweed*
Bedstraw*†	Prickly poppy (pinnate)
Bromus species (cheat, downy brome, Japanese brome)*†	Russian thistle*†‡
Canada thistle*†	Speedwell (common, ivyleaf)*
Coast fiddleneck (tarweed)	Sunflower†
Corn gromwell*†	Vetch†
Dove foot geranium	Wild buckwheat†
Green foxtail (pigweongrass)*	Wild radish†

5/10 oz per acre

Bromus species (cheat, downy brome, Japanese brome)*†
Annual ryegrass*†

* When used as directed, weeds are suppressed and/or controlled. Weed suppression is a visible reduction in weed competition (reduced population and/or vigor) as compared to an untreated area. Degree of suppression will vary with rate used, size of weeds, and environmental conditions following treatment.

† See the **SPECIFIC WEED PROBLEMS** section for more information regarding controlling and suppressing these weeds.

‡ 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.

APPLICATION INFORMATION

PRODUCT MEASUREMENT

REPORT EXTRA is measured using the REPORT EXTRA volumetric measuring cylinder. The degree of accuracy of this cylinder varies by $\pm 7.5\%$. For more precise measurement, use scales calibrated in ounces.

PESTICIDE HANDLING

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.

- Ensure accurate measurement of pesticides by all operation employees.
- 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.
- 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.

MIXING INSTRUCTIONS

1. Fill the tank 1/4 to 1/3 full of water (if using liquid nitrogen fertilizer solution in place of water, see **TANK MIXTURES** section for additional details).
2. While agitating, add the required amount of REPORT EXTRA.
3. Continue agitation until the REPORT EXTRA is fully dispersed, at least 5 minutes.
4. Once the REPORT EXTRA is fully dispersed, maintain agitation and continue filling tank with water. REPORT 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 necessary volume of nonionic surfactant. Always add surfactant last.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply REPORT EXTRA spray mixture within 24 hours of mixing to avoid product degradation.
8. If REPORT EXTRA and a tank mix partner are to be applied in multiple loads, pre-slurry the REPORT EXTRA in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the REPORT EXTRA.

Do not use REPORT EXTRA with spray additives that reduce the pH of the spray solution to below 3.0.

GROUND APPLICATION

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

When using flat-fan nozzles, use a spray volume of at least 3 GPA. When using 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.

With "Raindrop" RA nozzles, do not use less than 20 GPA and overlap nozzles 100%.

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 and Washington.

When applying REPORT 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 use ground equipment to treat border edge of field. See the **SPRAY DRIFT MANAGEMENT** section of this label.

SURFACTANTS

Unless otherwise specified, add a nonionic surfactant having at least 80% active ingredient at 0.125 to 0.5% v/v (0.5 to 2 qt per 100 gal of spray solution).

The higher rate of surfactant is particularly effective with spray volumes of 5 gallons per acre (GPA) or less and when using low rates of REPORT EXTRA. Consult your agricultural dealer, applicator, or Cheminova representative for a listing of recommended surfactants. Antifoaming agents may be used if needed.

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

TANK MIXTURES

REPORT EXTRA may be tank mixed with other registered herbicides for use on wheat, barley, and fallow to control weeds listed as suppressed, weeds resistant to REPORT 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 REPORT EXTRA.

REPORT EXTRA can also be mixed with registered fungicides, insecticides, or liquid fertilizer for use on wheat or barley.

Since tank mix partners can interfere with REPORT EXTRA dispersion in the spray solution, it is recommended that REPORT EXTRA be slurried in a separate container before adding it to the tank mix. REPORT EXTRA must be in suspension in the spray tank before adding companion products.

With Other Herbicides

For postemergence applications to broadleaf weeds, REPORT EXTRA may be tank mixed or used sequentially with one or more registered broadleaf or grass herbicides, such as:

2,4-D (amine or ester)	1/4 to 1/2 lb active ingredient per acre
MCPA (amine or ester)	1/4 to 1/2 lb active ingredient per acre
Bromoxynil: such as "Buctril" 4EC "Bronate" "Curtail" & "Curtail" M	1/4 to 1 pt per acre 1/2 to 2 pt per acre 1 to 2 pt per acre
Metribuzin: such as "Sencor" DF	1.5 to 8 oz active per acre
Dicamba: such as "Banvel"* "Banvel" SGF* "Clarity"	1/8 to 1/4 pt per acre 1/4 to 1/2 pt per acre 1/8 to 1/4 pt per acre
Diuron: such as "Karmex" DF or "Direx" 80DF "Direx" 4L	1 to 1 1/2 lb per acre 0.8 to 1.2 qt per acre

* Tank mixes with Dicamba (such as "Banvel", "Banvel" SGF and "Clarity") may result in reduced weed control of some broadleaf weeds.

When tank mixing REPORT EXTRA and "Assert", ALWAYS include another broadleaf herbicide with a different mode of action (such as 2,4-D ester or MCPA ester). Follow the surfactant recommendation on the companion herbicide label. Tank mix applications of REPORT EXTRA plus "Assert" may cause temporary crop discoloration/stunting or injury when heavy rainfall occurs shortly after application.

Tank mixtures with "Hoelon" 3EC may result in reduced wild oat control.

See recommendations for several of these tank mixtures given below and in the **SPECIFIC WEED PROBLEMS** section of this label.

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

REPORT EXTRA can be used as a tank mix treatment with 2,4-D or MCPA (ester formulations provide best results) herbicides after weeds have emerged. For best results, use 2/10 to 4/10 oz of REPORT EXTRA per acre; add 2,4-D or MCPA herbicides to the tank at 1/4 to 1/2 lb active ingredient. Surfactant may be added to the mixture at 1/2 to 1 qt per 100 gal of spray solution; however, adding surfactant may increase the potential for crop injury. Do not add a surfactant when REPORT EXTRA plus 2,4-D or MCPA is applied with liquid fertilizer.

Apply REPORT EXTRA plus MCPA after the 3- to 5-leaf stage but before boot stage. Apply REPORT EXTRA plus 2,4-D after tillering but before boot stage (refer to the appropriate 2,4-D manufacturer's label). Applying a tank mixture of REPORT EXTRA, 2,4-D, or MCPA and liquid fertilizer when temperatures are below freezing or when the crop is stressed from cold weather just prior to winter dormancy can result in foliar burn and/or crop injury.

With Diuron (such as "Karmex" DF or Diuron DF)

In areas where annual bluegrass, annual ryegrass, corn gromwell, green foxtail (pigeongrass) and wild buckwheat are the main weed problems, apply 1 to 1 1/2 lb per acre of "Karmex" DF or Diuron DF plus 3/10 to 4/10 oz per acre REPORT EXTRA preemergence. For best results, between 1/2 inch and 1 inch of rainfall is needed within 1 to 2 weeks after application. Follow all restrictions on the diuron labels.

With Insecticides

REPORT EXTRA may be tank mixed with insecticides registered for use on wheat, barley, and fallow. However, under certain conditions (drought or cold stress while crop is in the 2- to 4-leaf stage), tank mixtures or sequential treatments of REPORT EXTRA and organophosphate insecticides (such as methyl parathion or "Di-Syston") may produce temporary crop yellowing or, in severe cases, crop injury. The potential for crop injury is greatest when there are wide fluctuations in day/night temperatures just prior to or soon after treatment. Read and follow directions on companion product labels and limit first use to a small area. If no symptoms of crop injury appear, larger acreage can be treated.

Do not apply REPORT EXTRA within 60 days of crop emergence where an organophosphate insecticide (such as "Di-Syston") has been applied as an in-furrow treatment, as crop injury may result.

Do not use REPORT EXTRA plus malathion, as crop injury may result.

In the Pacific Northwest, do not use REPORT EXTRA with NUFOS® or "Lorsban", as crop injury may result.

With Fungicides

REPORT EXTRA may be tank mixed with BENLATE® fungicide or "Manzate" 200DF fungicide or other fungicides whenever the proper timing for herbicide and fungicide treatments coincide.

With Liquid Nitrogen Fertilizer Solution

Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing REPORT EXTRA in fertilizer solution. If 2,4-D or MCPA is included with REPORT EXTRA and fertilizer mixture, ester formulations tend to be more compatible (see manufacturer's label).

Do not add surfactant when using REPORT EXTRA in tank mix with 2,4-D ester or MCPA ester and liquid nitrogen fertilizer solutions.

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

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

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. When using high rates of liquid nitrogen fertilizer in the spray solution, adding surfactant increases the risk of crop injury. Consult local recommendations for details on surfactant addition.

SPECIFIC WEED PROBLEMS

Annual bluegrass/annual ryegrass:

REPORT EXTRA Preemergence

Apply REPORT EXTRA at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges.

or

Apply REPORT EXTRA at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges followed by a sequential application of metribuzin (such as "Sencor" DF) at 2.25 to 4.5 oz active per acre in the fall once the wheat has reached the 4- to 5-leaf stage of growth and the annual grass weeds are in the 1- to 3-leaf stage of growth.

or

For improved control in the Pacific Northwest, apply a tank mix of REPORT EXTRA at 3/10 to 4/10 oz per acre plus "Karmex" DF or Diuron DF at 1 1/2 lb per acre preemergence to bluegrass or ryegrass. One-half to one inch of rainfall is needed to move the herbicides into the weed root zone prior to bluegrass or ryegrass emergence.

REPORT EXTRA Postemergence

Apply a tank mix of REPORT EXTRA at 2/10 to 4/10 oz per acre and metribuzin (such as "Sencor" DF) at 2.25 to 3 oz active per acre postemergence to the crop and grass weeds when wheat has reached the 4- to 5-leaf stage of growth and the grass weeds have reached the 1- to 3-leaf stage of growth.

Note: See **Bromus species (cheat, downy brome, Japanese brome)** section for additional information on the use of metribuzin (such as "Sencor" DF).

Bedstraw: Apply REPORT EXTRA at 4/10 oz per acre. For postemergence treatments, apply before bedstraw is over 2 inches long; use 2 qt of surfactant per 100 gal of spray solution.

Bromus species (cheat, downy brome, Japanese brome): Best suppression of these grasses is achieved by applications of REPORT EXTRA with metribuzin (such as "Sencor" DF) either in tank mixtures or as sequential treatments. Additional information may be available in a metribuzin supplemental label for winter wheat, barley, and fallow.

Allow for adequate rainfall (1/2 to 1 inch) to move REPORT EXTRA and metribuzin (such as "Sencor" DF) into the weed root zone before weeds germinate and develop an established root system. Lack of adequate rainfall following application will result in reduced performance.

To avoid the risk of cold weather-related crop injury and lack of performance, apply metribuzin (such as "Sencor" DF) before winter dormancy of the crop and grass weeds. Excessive rainfall immediately after application may result in crop injury. Do not tank mix REPORT EXTRA plus metribuzin with any other pesticide other than surfactants recommended on either the REPORT EXTRA or metribuzin labels. Apply only to metribuzin-approved varieties, see label for listing of sensitive wheat and barley varieties.

Preemergence Sequential Applications

Apply REPORT EXTRA at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges. A sequential application of metribuzin (such as "Sencor" DF) may be applied at 2.25 to 3 oz active per acre in the fall once the wheat has reached the 4- to 5-leaf stage of growth and the annual grass weeds are in the 1- to 3-leaf stage of growth.

Idaho, Oregon, and Washington—Apply REPORT EXTRA at 4/10 to 5/10 oz per acre after planting winter wheat but before wheat emerges.

If suppression of brome grass is not satisfactory following the preemergence application of REPORT EXTRA, apply a sequential treatment of metribuzin (such as "Sencor" DF) at 1.5 to 3 oz active per acre in the fall when the crop is in the 2-leaf to 3-tiller stage or 3.75 to 6 oz active per acre after winter wheat has at least 4 tillers, 2 inches of secondary root systems throughout the field and actively growing.

Postemergence Tank Mix Applications

Apply a tank mix of REPORT EXTRA at 2/10 to 4/10 oz per acre and metribuzin (such as "Sencor" DF) at 2.25 to 3 oz active per acre postemergence to the crop and grass weeds when wheat has reached the 4- to 5-leaf stage of growth and the grass weeds have reached the 1- to 3-leaf stage of growth.

Idaho, Oregon, and Washington—Where broadleaf weeds and brome grass are the problem, apply a tank mix of REPORT EXTRA at 3/10 to 4/10 oz per acre and metribuzin (such as "Sencor" DF) at 1.5 to 3 oz active per acre in the fall when wheat or barley is in the 2-leaf to 3-tiller stage or use REPORT EXTRA at 3/10 to 4/10 oz and metribuzin at 3.75 to 6 oz active per acre when wheat or barley has at least 4 tillers, 2 inches of secondary root systems throughout the field and actively growing. For best results, make application before brome grass is in the 2- to 3-leaf stage. Consult precautions and recommendations on the metribuzin labeling before making this application.

Canada thistle: Apply REPORT EXTRA with surfactant after the majority of thistles have emerged and while they are small (rosette stage to 4 – 6 inches tall) and actively growing. For maximum long-term effect, yearly treatment may be required.

Corn gromwell: Apply REPORT EXTRA at 4/10 oz per acre or tank mix REPORT EXTRA with Bromoxynil (such as "Buctril" or "Bronate") and apply postemergence to the crop when weeds are small and actively growing.

Flixweed, Tansymustard: For best results, tank mix REPORT EXTRA with 2,4-D or MCPA (esters or amines) and apply postemergence when weeds are actively growing.

Kochia, Russian thistle, Prickly lettuce: Naturally-occurring resistant biotypes of these weeds are known to occur. For best results, REPORT EXTRA should be applied postemergence in the spring. Apply when kochia, Russian thistle, and prickly lettuce are less than 2 inches tall or 2 inches across and are actively growing. Use REPORT EXTRA in a tank mix with Dicamba (such as "Banvel"/"Banvel" SGF/"Clarity") and/or 2,4-D and 2 qt surfactant per 100 gal of spray solution.

Prostrate knotweed: For best results, apply REPORT EXTRA preemergence at 3/10 to 4/10 oz per acre to knotweed in the fall.

For postemergence treatments, tank mix REPORT EXTRA at 3/10 to 4/10 oz per acre with 2,4-D, MCPA, dicamba (such as "Banvel"/"Banvel" SGF/"Clarity") and/or bromoxynil (such as "Buctril" or "Bronate") and surfactant. Apply to small, actively growing plants (no more than 4 true leaves). For maximum postemergence control, knotweed plants should remain actively growing for 3 to 4 days following application.

Sunflower: For best results, apply REPORT EXTRA after the majority of sunflowers have emerged and are small (not more than 2 inches tall) and are actively growing. Add surfactant at 2 qt per 100 gal of spray solution. If REPORT EXTRA is applied preemergence, make application in early spring to allow for timely and adequate rainfall to move REPORT EXTRA into the weed root zone before weeds germinate and develop an established root system.

Note: In areas of high rainfall, fall applications may not provide adequate residual control of sunflowers.

Deep-germinating sunflowers that emerge after a spring treatment may not be controlled.

Vetch: For best results, apply REPORT EXTRA postemergence at 4/10 oz per acre plus 1/4 lb active ingredient per acre of 2,4-D or MCPA (amine or ester) and surfactant.

Wild buckwheat: For best results, apply REPORT EXTRA preemergence at 4/10 oz per acre to wild buckwheat in the fall or early spring.

For postemergence applications, tank mix REPORT EXTRA at 4/10 oz per acre with 2,4-D, MCPA, Dicamba (such as "Banvel"/"Banvel" SGF/"Clarity") and/or Bromoxynil (such as "Buctril" or "Bronate") and surfactant. Apply after the majority of seedlings have emerged and are actively growing.

Note: In certain situations 3/10 oz of REPORT EXTRA may provide acceptable control of Wild buckwheat. Consult local Cheminova recommendations for additional information.

Wild radish: For best results, apply REPORT EXTRA at 3/10 to 4/10 oz per acre postemergence.

CROP ROTATION

Before using REPORT EXTRA, carefully consider your crop rotation plans and options. For rotational flexibility, do not treat all of your wheat, barley, or fallow acres at the same time.

Minimum Rotation Intervals

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

Of these three 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 rotating to other crops.

* The minimum rotation interval represents the period of time from the last REPORT EXTRA application to the anticipated date of the next planting.

Soil pH Limitations

SPRAYER CLEANUP

Spray equipment must be cleaned before REPORT EXTRA is sprayed. Follow the cleanup procedures specified on the labels of previously applied products. If no directions are provided, follow the 6 steps outlined in the **After Spraying REPORT EXTRA and before Spraying Crops Other Than Wheat or Barley** section.

At the End of the Day

When multiple loads of REPORT EXTRA herbicide are applied, it is recommended that during periods 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 be flushed. This will prevent the buildup of dried pesticide deposits from accumulating in the application equipment.

After Spraying REPORT EXTRA and before Spraying Crops Other Than Wheat or Barley To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of REPORT 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 at least 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 ammonia* 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. 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 Cheminova-approved spray equipment cleaner can be used in the cleanup procedure. Carefully read and follow the individual cleaner instructions. Consult your agricultural dealer, applicator, or Cheminova representative for a listing of approved spray equipment cleaners.**

Notes:

1. **Caution:** Do not use chlorine bleach with ammonia, as 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 REPORT EXTRA is tank mixed with other pesticides, all required cleanout procedures should be examined and the most rigorous procedure should be followed.
4. In addition to this cleanout procedure, all preapplication cleanout guidelines on subsequently applied products should be followed as per the individual labels.
5. Where routine spraying practices include shared equipment frequently being switched between applications of REPORT EXTRA and applications of other pesticides to REPORT EXTRA-sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to REPORT 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** - Set the boom at the lowest height that provides uniform coverage and reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Wind

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

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

Temperature and Humidity

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

Temperature Inversions

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

Shielded Sprayers

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

Air-Assisted (air blast)

Field Crop Sprayers

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

INTEGRATED PEST MANAGEMENT

Cheminova 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 or site systems in your area.

WEED RESISTANCE

Biotypes of certain weeds listed on this label are resistant to REPORT 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 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 tankmix partner with REPORT 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 REPORT EXTRA, use a combination of tillage, and tank mix partners or sequential herbicide applications that have a different mode of action than REPORT 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, ACCURATE® herbicide, "Ally" herbicide, "Glean" FC herbicide, "Express" herbicide, or "Harmony" Extra herbicide will also be resistant to REPORT EXTRA.

PRECAUTIONS

- Wheat and barley varieties may differ in their response to various herbicides. Cheminova recommends that you first consult your state experiment station, university, or extension agent as to sensitivity to any herbicide. If no information is available, limit the initial use of REPORT EXTRA to a small area.
- Do not apply to wheat or barley undersown with legumes and grasses, as injury to the forages will result.
- Do not apply to frozen ground where surface runoff may result.
- Do not apply to snow-covered ground.
- Do not apply to irrigated land where tailwater will be used to irrigate other cropland.
- Wherever REPORT EXTRA is used on land previously treated with GLEAN® FC, ALLY®, "Amber", "Assert", or other longer residual herbicides with the same mode of action, read the rotational guidelines on both labels and follow the one with the longest interval stated for your situation before choosing to rotate to crops other than wheat or barley.
- Do not use less than 2/10 oz per acre of REPORT EXTRA preplant, preemergence, or post-emergence.
- To reduce the potential for movement of treated soil due to wind erosion, do not apply to powdery, dry, or light sandy soils until they have been stabilized by rainfall, trashy mulch, reduced tillage or other cultural practices. Injury to adjacent crops may result when treated soil is blown onto land used to produce crops other than cereal grains.
- For ground applications applied postemergence to weeds when dry, dusty field conditions exist, control of weeds in wheel track areas may be reduced. The addition of 2,4-D or MCPA should improve weed control under these conditions.
- Do not apply REPORT EXTRA preemergence on wheat if the wheat has germinated and has started to emerge above the soil surface.
- Do not use REPORT EXTRA preemergence on wheat that has been planted into dry soil ("dusted in") or on very coarse, uneven seedbeds.
- Temporary discoloration and/or crop injury may occur if REPORT EXTRA is applied when the crop is stressed by severe weather conditions (such as heavy rainfall, prolonged cold weather, or wide fluctuations in day/night temperatures), disease or insect damage, low fertility, applications to coarse soils, or when applied in combination with surfactant and high rates of liquid nitrogen fertilizer solutions.

- 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.
 - Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.
 - Carefully observe sprayer cleanup instructions, both prior to and after using this product, as spray tank residue may damage crops other than wheat or barley.

REPORT™, GLYFOS®, NUFOS®, and ACCURATE® are trademarks or registered trademarks of Cheminova.

“Benlate”, “Ally”, “Glean”, “Express”, and “Harmony” are trademarks or registered trademarks of E. I. duPont de Nemours and Company.

“Roundup” is a registered trademark of Monsanto Co.

“Di-Syston” and “Sencor” are registered trademarks of Bayer Crop Protection.

“Raindrop” is a registered trademark of Delavan Corp.

“Bronate”, “Buctril” and “Hoelon” are registered trademarks of BASF Corporation.

“Amber” is a registered trademark of Syngenta Crop Protection.

“Curtail” and “Lorsban” are registered trademarks of Dow AgroSciences.

“Direx”, “Karmex”, and “Manzate” are registered trademarks of Griffin LLC.

“Assert”, “Banvel”, and “Clarity” are registered trademarks of Aventis CropScience Inc.

WARRANTY DISCLAIMER

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

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

LIMITATION OF REMEDIES

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

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

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

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

For product information call: 1-800-548-6113

Internet address: www.cheminova.us.com

All rights reserved.

6-9-08

0F9/8