



FOR CONTROL OF CERTAIN BROADLEAF WEEDS IN SMALL GRAINS (WHEAT, BARLEY, OATS AND RYE), CONSERVATION RESERVE PROGRAM (CRP) AREAS, GRASSES GROWN FOR SEED PRODUCTION AND FLAX

ACTIVE INGREDIENT:

Octanoic acid of ester of bromoxynil	
(3,5-dibromo-4-Hydroxybenzonitrile)	31.7%*
Isooctyl ester of 2-methyl-chlorophenoxyacetic acid**	34.0%**
INERT INGREDIENTS	34.3%
TOTAL	100.0%
Contains Petroleum Distillate Patent No. 6	6 232 272

Contains Petroleum Distillate. Patient No. 6,232,272
*Bromoxynil octanoate equivalent to 21.8% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon.

**Equivalent to 21.8% 2-methyl-chlorophenoxyacetic acid or not less than 2.0 pounds MCPA acid per gallon.

CAUTION/PRECAUCIÓN

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.)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing spray mist.

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC 1-800-424-9300 For Medical Emergencies Only, Call 1-877-325-1840

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

Note to Physician: May pose an aspiration pneumonia hazard. Contains petroleum distillate.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Store at temperatures above 32°F. If allowed to freeze, remix before using.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): Nonrefillable container. Do not reuse or refill this container. 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 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. Offer for recycling, if available, 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. NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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 or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, 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. REFILLABLE CONTAINERS (LARGER THAN 5 GALLONS): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. If unable to refill, offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn-out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation. Do not refill or transport damaged or leaking containers. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

SEE INSIDE LEAFLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND COMPLETE DIRECTIONS FOR USE.

EPA Reg. No. 5905-550 EPA Est. No. 228-IL-1 AD 022712 Product of United Kingdom

Manufactured For

HELENA CHEMICAL COMPANY 225 SCHILLING BOULEVARD, SUITE 300

25 SCHILLING BOULEVARD, SUITE 300 COLLIERVILLE, TENNESSEE 38017

NET CONTENTS:

■ PF-6361-7 ■



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier laminate, Butyl rubber, Nitrile rubber, or Viton gloves. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Mixers, Loaders, Applicators, Flaggers, and other handlers must wear:

- · Long-sleeved shirt and long pants
- · Shoes plus socks
- · Chemical-resistant gloves for cleaning equipment, mixing, and loading
- · Chemical-resistant apron for cleaning equipment, mixing, and loading

Additional PPE Requirements for mixers and loaders supporting aerial application to rangelands, pasture lands, or non-cropland. The mixers/loaders also must wear:

- · Chemical-resistant apron. and
- NIOSH-approved particulate filtering respirator equipped with N, R, or P class filter media. The respirator should have a NIOSH
 approval number prefix TC-84A. It is recommended that you require the respirator wearer be fit tested, and trained in the use, maintenance, and limitations of the respirator.

USER SAFETY REQUIREMENTS

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

ENGINEERING CONTROLS FOR AERIAL APPLICATIONS

Enclosed Cockpits Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6).

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and fish. 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

APPLICATION BY CHEMIGATION must be done by fixed pipe, overhead sprinkler systems or hand-moved pipe. If hand moved pipe is used for chemigation, the pipe must not be handled in any way until 24 hours after chemigation has been completed and residues have been flushed from the system. When applying by chemigation, no person may enter the application site unless in an enclosed vehicle.

DURING AERIAL APPLICATIONS, human flaggers are prohibited unless in enclosed vehicles. Aerial application is prohibited within 300 feet of residential areas (e.g., homes, schools, hospitals, shopping areas, etc.).

PHYSICAL A

Do not use or store near heat or open flame. Do not cu

WILDCARD® XTRA Herbicide contains low volatile isoc this product may cause injury to susceptible plants. Th

DIRE

It is a violation of Federal law to use this product in

Do not apply this product in a way that will contact wo may be in the area during application. For any requiren cide regulation.

AGRICULTUI

Use this product only in accordance with its labeling contains requirements for the protection of agricultural agricultural pesticides. It contains requirements for tratians specific instructions and exceptions pertaining and restricted-entry interval. The requirements in the Protection Standard.

Do not enter or allow worker entry into treated areas

The restricted-entry interval (REI) for cotton is 4 da Protection Standard for certified crop advisors does r ing the treated area during the entire 4-day REI for bri of this requirement.

PPE required for early entry to treated areas that is with anything that has been treated, such as plants, cal-resistant gloves such as nitrile, viton or barrier li gear for overhead exposure and protective eyewear.

NON-AGRICULI

The requirements in this box apply to uses of this pr agricultural pesticides (40 CFR Part 170). The WPS forests, nurseries, or greenhouses.

Do not enter or allow others to enter until sprays hav

STORA(

STORAGE: Do not contaminate water, food, or feed above 32°F. If allowed to freeze, remix before using.

PESTICIDE DISPOSAL: Wastes resulting from the ι posal facility.

CONTAINER DISPOSAL:

NONREFILLABLE CONTAINER (EQUAL TO OR L

container. Triple rinse container (or equivalent) prompinto application equipment or a mix tank and drain for and recap. Shake for 10 seconds. Pour rinsate into a Drain for 10 seconds after the flow begins to drip. Rejure and dispose of in a sanitary landfill, or incineration of smoke



PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not cut or weld container.

WARNING

/iton gloves. If you want

ray mist.

WILDCARD® XTRA Herbicide contains low volatile isooctyl ester of MCPA. At high air or ground surface temperatures, vapors from this product may cause injury to susceptible plants. This fact should be considered when applying WILDCARD® XTRA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

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.

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r should have a NIOSH trained in the use, main-

, use detergent and hot

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of this chemical in areas

rs unless in accordance authority has been notipreviously notifying the

sipe. If hand moved pipe completed and residues e unless in an enclosed

ation is prohibited within

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 geenhouses, 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.

The restricted-entry interval (REI) for cotton is 4 days and includes scouts and crop advisors. The exemption in the Worker Protection Standard for certified crop advisors does not apply to bromoxynil. Scouts and crop advisors are prohibited from entering the treated area during the entire 4-day REI for bromoxynil. Applicators and other users must inform crop advisors and scouts of this requirement.

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 over a long-sleeved shirt and long pants, chemical-resistant gloves such as nitrile, viton or barrier laminate, chemical-resistant footwear plus socks, chemical-resistant head-gear for overhead exposure and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter until sprays have dried.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Store at temperatures above 32°F. If allowed to freeze, remix before using.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): Nonrefillable container. Do not reuse or refill this container. 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 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. Offer for recycling, if available, 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 smake

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STORAGE

CONTAINER DISPOSAL: (cont.)

NONREFILLABLE CONTAINER (GREATER TH/

Triple rinse container (or equivalent) promptly after cation equipment or a mix tank. Fill the container roll it back and forth, ensuring at least one complet forth several times. Turn the container over onto its cation equipment or a mix tank or store rinsate focling, if available, or puncture and dispose of in a burning. If burned, stay out of smoke.

REFILABLE CONTAINERS (LARGER THAN 5 not reuse this container for any other purpose. If L sanitary landfill, or by incineration, or, if allowed by the container before final disposal is the responsil responsibility of the refiller. Prior to refilling, inspect worn-out threads on closure devices. Do not refill before transportation. Do not refill or transport dam the remaining contents from this container into a water. Agitate vigorously or recirculate water with the

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WILDCARD® XTRA is formulated as an emulsifiable pounds per gallon of MCPA.

sate collection system. Repeat this rinsing procedu

WILDCARD® XTRA is a selective postemergence hert ley, oats, rye), conservation reserve program areas, a XTRA is applied to actively growing weed seedlings of the weed seedlings is essential for optimum contr

WILDCARD® XTRA has little residual activity. Therefore

Generally, crops that form a good canopy will help s for example Yaccora Rojo wheat, may not develop the Occasional transitory leaf burn may occur. The temp WILDCARD® XTRA is mainly contact, recovery of the may be greater when crops are stressed by abrasiv caused by hail, sleet or insect feeding. To reduce the the recommended spray volumes per acre when were

MIXING, LOADING

2.5 Gallon Containers

It is strongly recommended that special care be take in such a way as to avoid possible drip or splash.

30 Gallon and Bulk Containers

If you will handle a total of 60 gallons or more of this loading operations. If this product is packaged in a 5 a drip-free hard coupling which may be used only w do not presently own or have access to a mechanic on how to obtain such a system or to modify your pronnect the pump or probe from the container until t used to rinse the empty container and to transfer the

WILDCARD® XTRA ALONE: Fill the spray tank 1/2 to **WILDCARD® XTRA**. Add water to the spray tank to t during application.

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ire label before using this

t. Only protected handlers ency responsible for pesti-

Part 170. This standard houses, and handlers of y assistance. It also conective equipment (PPE), covered by the Worker

xemption in the Worker re prohibited from enterrop advisors and scouts

nd that involves contact and long pants, chemihemical-resistant head-

Protection Standard for cultural plants on farms,

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an approved waste dis-

Do not reuse or refill this / the remaining contents tainer 1/4 full with water for later use or disposal. ing, if available, or puncrning. If burned, stay out

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STORAGE AND DISPOSAL (cont.)

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REFILLABLE CONTAINERS (LARGER THAN 5 GALLONS): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. If unable to refill, offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by unring. If burned, stay out of smoke. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn-out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation. Do not refill or transport damaged or leaking containers. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

GENERAL INFORMATION

WILDCARD® XTRA is formulated as an emulsifiable concentrate containing the equivalent of 2 lbs. per gallon of bromoxynil and 2 pounds per gallon of MCPA.

WILDCARD® XTRA is a selective postemergence herbicide for control of important broadleaf weeds infesting small grains (wheat, barley, oats, rye), conservation reserve program areas, and grass grown for seed. Optimum weed control is obtained when WILDCARD® XTRA is applied to actively growing weed seedlings. WILDCARD® XTRA is primarily a contact herbicide; therefore thorough coverage of the weed seedlings is essential for optimum control.

WILDCARD® XTRA has little residual activity. Therefore subsequent flushes of weeds will not be controlled by the initial treatment.

Generally, crops that form a good canopy will help shade subsequent weed flushes. However, certain crops or short-straw varieties, for example Yaccora Rojo wheat, may not develop the crop canopy fast enough to shade the subsequent flushes of weeds.

Occasional transitory leaf burn may occur. The temporary leaf burn is similar to that seen with liquid fertilizer. Because the activity of WILDCARD® XTRA is mainly contact, recovery of the crop is generally rapid with no lasting effect. Frequency and amount of leaf burn may be greater when crops are stressed by abrasive winds, cool to cold evening temperatures or mechanical injury, such as that caused by hail, sleet or insect feeding. To reduce the potential for temporary leaf burn, applications should be made to dry foliage in the recommended spray volumes per acre when weather conditions are not extreme.

MIXING, LOADING AND HANDLING INSTRUCTIONS

2.5 Gallon Containers

It is strongly recommended that special care be taken in mixing and loading this product. Hands should be placed on the container in such a way as to avoid possible drip or splash.

30 Gallon and Bulk Containers

If you will handle a total of 60 gallons or more of this product per day, you must use a mechanical transfer system for all mixing and loading operations. If this product is packaged in a 30 gallon drum, you must use a mechanical transfer system which terminates in a drip-free hard coupling which may be used only with a spray or mix tank which has been fitted with a compatible coupling. If you do not presently own or have access to a mechanical transfer system with this type of coupling, contact your dealer for information on how to obtain such a system or to modify your present system. When using a mechanical transfer system, do not remove or disconnect the pump or probe from the container until the container has been emptied and rinsed. The pump or probe system must be used to rinse the empty container and to transfer the rinsate directly to the mixing or spray tank.

WILDCARD® XTRA ALONE: Fill the spray tank 1/2 to 3/4 full with clean water. Begin agitation and add the recommended amount of WILDCARD® XTRA. Add water to the spray tank to the desired level. Maintain sufficient agitation to ensure a uniform spray mixture during application.

TANK MIXTURES: WILDCARD® XTRA can be appon approved crops. Refer to the specific crop sec in mixture with another product, fill the spray tank powder, soluble powder, flowable or dry flowable poughly mixed with water add the recommended a lf tank mixing with other product types, add the W water thoroughly before adding another product or mixing in water.

Maintain sufficient agitation while mixing and dur remain without agitation for short periods of time,

If tank mixing with products other than those listed tory spray preparation. To test for compatibility, us ingredients in the same ratio as the anticipated use spraying. Indications of incompatibility usually will weed control, follow all cautions and limitations on t

SPRAYABLE LIQUID

WILDCARD® XTRA can be applied in combination v centrate. When tank mixing with liquid fertilizer alv WILDCARD® XTRA. Always predetermine the com Agitation must be maintained during filling and aptilizer. Leaf burn may occur when WILDCARD® XTF

CAUTION: Fertilizers and spray additives can increase or spray additives with WILDCARD® XTRA if leativity to WILDCARD® XTRA.

APPL

WILDCARD® XTRA can be applied to registered us
GROUND APPLICATION

Use a standard herbicide boom sprayer that provide

finer than 50 mesh in the nozzle tips and in-line str Select a spray volume and delivery system that will thorough coverage, use of flat fan nozzles (maximu zle types and lower spray pressures that produce optimum control. **Raindrop**® nozzles and flood r

In general, a spray volume of 10 to 20 gallons per with a minimum spray pressure of 50 psi and a r ground application if ground terrain, crop and wee a maximum ground speed of 10 mph is suggeste results in poor spray coverage. Ground applicatior in wheel track areas. Applications using less than

When weed infestations are heavy, use of higher sage. When corn or grain sorghum are large enough weed coverage. If you are unsure of the infestation Do not apply when winds are gusty or when other

Additional requirements for ground boom ap Do not apply with a nozzle height greater than 4 $\rm f\varepsilon$

AERIAL APPLICATION

Use orifice discs, cores and nozzle types and arrar In general, a minimum spray volume of 5 GPA and 3 gallons per acre may be used if crop canopy and 5 gallons of spray volume per acre may result in r



Buse or refill this container. It in pale is container on its side and its end and tip it back and mpty the rinsate into applimore times. Offer for recyte and local authorities, by

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fer system for all mixing and system which terminates in a compatible coupling. If you at your dealer for information stem, do not remove or disport or probe system must be

he recommended amount of sure a uniform spray mixture

TANK MIXTURES: WILDCARD® XTRA can be applied in tank mixture with many other herbicides and insecticides registered for use on approved crops. Refer to the specific crop section for rate recommendations and other restrictions. To apply WILDCARD® XTRA in mixture with another product, fill the spray tank 1/2 to 3/4 full with clean water and begin agitation. If tank mixing with wettable powder, soluble powder, flowable or dry flowable products, add the powder or flowable product first. After the other herbicide is thoroughly mixed with water add the recommended amount of WILDCARD® XTRA and add water to the spray tank to the desired level. If tank mixing with other product types, add the WILDCARD® XTRA first before adding the other product. Always mix one product in water thoroughly before adding another product or compatibility problems may occur. Never mix two products together without first mixing in water

Maintain sufficient agitation while mixing and during application to ensure a uniform spray mixture. If spray mixture is allowed to remain without agitation for short periods of time, be sure to agitate until uniformly mixed before application.

If tank mixing with products other than those listed within each crop section, a compatibility test is recommended to ensure satisfactory spray preparation. To test for compatibility, use a small container and mix a small amount (0.5 to 1 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing. To ensure maximum crop safety and weed control, follow all cautions and limitations on this label and the labels of products used in the tank mixture with WILDCARD® XTRA.

SPRAYABLE LIQUID FERTILIZERS AND SPRAY ADDITIVES

WILDCARD® XTRA can be applied in combination with sprayable liquid fertilizer or spray additives such as surfactants or crop oil concentrate. When tank mixing with liquid fertilizer always add the fertilizer to the spray tank first and agitate thoroughly before adding WILDCARD® XTRA. Always predetermine the compatibility with liquid fertilizer by mixing small proportional quantities in advance. Agitation must be maintained during filling and application operations to ensure that WILDCARD® XTRA is evenly mixed with the fertilizer. Leaf burn may occur when WILDCARD® XTRA is applied with liquid fertilizer, but new leaves are not adversely affected.

CAUTION: Fertilizers and spray additives can increase foliage leaf burn when applied with WILDCARD® XTRA. Do not apply fertilizers or spray additives with WILDCARD® XTRA if leaf burn is a major concern due to environmental conditions, crop or variety sensitivity to WILDCARD® XTRA.

APPLICATION PROCEDURES

WILDCARD® XTRA can be applied to registered use areas by ground, aerial and sprinkler irrigation equipment.

GROUND APPLICATION

Use a standard herbicide boom sprayer that provides uniform and accurate application. Sprayer should be equipped with screens no finer than 50 mesh in the nozzle tips and in-line strainers.

Select a spray volume and delivery system that will ensure thorough and uniform spray coverage. For optimum spray distribution and thorough coverage, use of flat fan nozzles (maximum tip size 8008) with a spray pressure of 40–60 psi are recommended. Other nozzle types and lower spray pressures that produce coarse spray droplets may not provide adequate coverage of the weeds to ensure optimum control. **Raindrop®** nozzles and flood nozzles are not recommended as weed control with **WILDCARD® XTRA** may be

In general, a spray volume of 10 to 20 gallons per acre (GPA) is recommended for optimum spray coverage. A minimum of 5 GPA with a minimum spray pressure of 50 psi and a maximum ground speed of 10 mph may be used with higher speed, low volume ground application if ground terrain, crop and weed density allow effective spray distribution. When using higher speed equipment, a maximum ground speed of 10 mph is suggested if field conditions cause excessive boom movement during application which results in poor spray coverage. Ground applications made when dry, dusty field conditions exist may provide reduced weed control in wheel track areas. Applications using less than 10 gallons per acre may result in reduced weed control.

When weed infestations are heavy, use of higher spray volumes and spray pressure will be helpful in obtaining uniform weed coverage. When corn or grain sorghum are large enough to interfere with the spray pattern, drop nozzles should be used to obtain uniform weed coverage. If you are unsure of the infestation level or size of crop, consult your local extension service.

Do not apply when winds are gusty or when other conditions favor poor spray coverage and/or off-target spray movement.

Additional requirements for ground boom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

AERIAL APPLICATION

Use orifice discs, cores and nozzle types and arrangements that will provide for optimum spray distribution and maximum coverage. In general, a minimum spray volume of 5 GPA and a maximum pressure of 40 psi are recommended. A minimum spray volume of 3 gallons per acre may be used if crop canopy and weed density allow adequate spray coverage. Aerial applications using less than 5 gallons of spray volume per acre may result in reduced weed control.

Do not apply during inversion conditions, when uget spray movement. Off-target spray movement winds exceed 10 mph.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the related factors determine the potential for spray when making decisions.

Apply only as a medium or coarser spray (ASAE atomizer nozzles.

Apply only when the wind speed is 2-10 mph at

ADDITIONAL REQUIREMENTS FOR AER

The boom length must not exceed 75% of the w Release spray at the lowest height consistent w above the crop canopy.

When applications are made with a crosswind, t adjusting the path of the aircraft upwind.

Do not make applications into temperature inver-

SPRINKLER IRRIGATION APPLICATION: WILDCARD® XTRA Herbicide can be applied thro

Apply WILDCARD® XTRA Herbicide through sprir move irrigation systems only. If hand-moved pip after chemigation has been completed and resid may enter the application site unless in an enclo

SPECIFIC REQUIREMENTS FOR APPLIC

- The system must contain a functional check gation pipeline to prevent water source cont
- 2. The pesticide injection pipeline must contain toward the injection pump.
- 3. The pesticide injection pipeline must also α side of the injection pump and connected t when the irrigation system is either automati
- The system must contain functional interlocl pump motor stops.
- The irrigation line or water pump must includ pressure decreases to the point where pestic
- Systems must use a metering pump, such as and constructed of materials that are compa
- 7. Do not apply when wind speed favors drift b
- 8. Agitation is recommended in the pesticide s
- WILDCARD® XTRA Herbicide should be appl tinuous lateral move systems. Application of irrigation set with other overhead sprinkler so
- 10. For best performance, set the sprinkler syste
- 11. Remove scale, pesticide residues and other f
- 12. If WILDCARD® XTRA Herbicide is diluted in CARD® XTRA and then add remaining water a XTRA. Start the sprinklers and then inject i injected with a positive displacement pump ing. Refer to the WILDCARD® XTRA Herbicid

CHEMIG

Application of more than 0.5 inch/acre of irrigatic Do not apply when conditions favor drift, when sy



insecticides registered for use s. To apply WILDCARD® XTRA n. If tank mixing with wettable fter the other herbicide is thorpay tank to the desired level. Ict. Always mix one product in products together without first

If spray mixture is allowed to ication.

ommended to ensure satisfacl quart) of spray, combining all op, do not use this mixture for ure maximum crop safety and nixture with **WILDCARD® XTRA**.

DITIVES

as surfactants or crop oil conitate thoroughly before adding ortional quantities in advance. A is evenly mixed with the fernot adversely affected.

D® XTRA. Do not apply fertiliznditions, crop or variety sensi-

uipment.

d be equipped with screens no

optimum spray distribution and are recommended. Other nozverage of the weeds to ensure th WILDCARD® XTRA may be

overage. A minimum of 5 GPA with higher speed, low volume using higher speed equipment, nent during application which provide reduced weed control

obtaining uniform weed coverould be used to obtain uniform service.

rget spray movement.

ution and maximum coverage.

I. A minimum spray volume of al applications using less than

Do not apply during inversion conditions, when winds are gusty or when other conditions favor poor spray coverage and/or off-target spray movement. Off-target spray movement can be minimized by increasing the spray volume per acre and not applying when winds exceed 10 mph.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

ADDITIONAL REQUIREMENTS FOR AERIAL APPLICATION:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

Do not make applications into temperature inversions.

SPRINKLER IRRIGATION APPLICATION:

WILDCARD® XTRA Herbicide can be applied through sprinkler irrigation systems to small grains and grasses grown for seed.

Apply **WILDCARD® XTRA** Herbicide through sprinkler systems including center pivot, lateral move, side (wheel) roll, solid set or hand move irrigation systems only. If hand-moved pipe is used for chemigation, the pipe must not be handled in any way until 24 hours after chemigation has been completed and residues have been flushed from the system. When applying by chemigation, no person may enter the application site unless in an enclosed vehicle. Do not apply this product through any other type of irrigation system.

SPECIFIC REQUIREMENTS FOR APPLICATION THROUGH AUTOMATED SPRINKLER IRRIGATION SYSTEM:

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Do not apply when wind speed favors drift beyond the area intended for treatment.
- 8. Agitation is recommended in the pesticide supply tank when applying the **WILDCARD® XTRA** Herbicide.
- WILDCARD® XTRA Herbicide should be applied continuously for the duration of the water application with center pivot and continuous lateral move systems. Application of WILDCARD® XTRA Herbicide should be made during the last 30–45 minutes of the irrigation set with other overhead sprinkler systems.
- 10. For best performance, set the sprinkler system to deliver approximately 0.5 inch or less of water per acre.
- 11. Remove scale, pesticide residues and other foreign matter from the supply tank and entire injector system. Flush with clean water.
- 12. If WILDCARD® XTRA Herbicide is diluted in the supply tank, fill the tank with half of the water amount desired, add the WILDCARD® XTRA and then add remaining water amount with agitation. Always dilute with at least 4 parts water to 1 part WILDCARD® XTRA. Start the sprinklers and then inject WILDCARD® XTRA Herbicide into the irrigation line. WILDCARD® XTRA should be injected with a positive displacement pump into the main line at least 8 feet ahead of a right angle turn to ensure adequate mixing. Refer to the WILDCARD® XTRA Herbicide label for detailed information on application rates and timings.

CHEMIGATION USER PRECAUTIONS

Application of more than 0.5 inch/acre of irrigation water may result in decreased product performance on certain soils.

Do not apply when conditions favor drift, when system connections or fittings leak, or when nozzles do not provide uniform distribution.

Allow sufficient time for pesticide to be flushec Crop injury, lack of effectiveness, or illegal pes Do not connect an irrigation system used for p If you have questions about calibration, you shou A person knowledgeable of the chemigation s person, shall shut the system down and make

Postemergence application of WILDCARD® XTI Maximum weed stage of growth is listed under

MOST SUSCEPTIBLE BROADLEAF WEED

(Sonchus oleraceu

(Amaranthus hybri

(Amaranthus spinc

(Helianthus annuu:

(Amaranthus tuber

(Fagopyrum tataric

(Sisymbrium altissi

(Polygonum convc

(Sinapis arvensis)

(Brassica nigra)

Annual sowthistle

Smooth pigweed

Spiny pigweed

Tall Waterhemp

Tumble mustard

Wild buckwheat

Wild mustard

Tartary buckwheat

¹Sunflower

Black mustard

Black nightshade (Solanum nigrum) Common cocklebur (Xanthium strumar Common lambsquarters (Chenopodium alb Common tarweed (Hemizonia conge: Cow cockle (Saponaria vaccari Cutleaf nightshade (Solanum triflorum Eastern black (Solanum ptycanth nightshade Coast fiddleneck (Amsinckia interme Field pennycress (Thlaspi arvense) Green smartweed (Polygonum scabr Hairy nightshade (Solanum sarachoi Horned Poppy (Glaucium cornicu Jimsonweed (Datura stramoniui Ladysthumb (Polygonum persic Lanceleaf sage (Salvia reflexa) London rocket (Sisymbrium irio) Marshelder (Iva xanthifolia) Pennsylvania (Polygonum strum smartweed Pepperweed spp. (Lepidium spp.) Redroot piaweed (Amaranthus retro) Russian thistle (Salsola kali) Shepherdspurse (Capsella bursa-pa Silverleaf nightshade (Solanum elaeagni

Yellow rocket (Barbarea vulgaris)

¹For control of sunflower, delay application unt

Canada Thistle (Cirsium arvense)

WILDCARD® XTRA Herbicide applied at 1-1/2 ptions when Canada thistle is 8 inches tall to the

r spray coverage and/or off-tarper acre and not applying when

many equipment- and weatherfor considering all these factors

microns or greater for spinning

at a height greater than 10 feet

or must compensate for this by

grasses grown for seed.

de (wheel) roll, solid set or hand indled in any way until 24 hours lying by chemigation, no person other type of irrigation system.

RIPRIGATION SYSTEM:

appropriately located on the irri-

to prevent the flow of fluid back ated valve located on the intake

withdrawn from the supply tank

injection pump when the water

ater pump motor when the water

ragm pump) effectively designed h a system interlock.

erbicide.

ation with center pivot and conig the last 30-45 minutes of the

r per acre.

r system. Flush with clean water. amount desired, add the WILD-uarts water to 1 part WILDCARD® . WILDCARD® XTRA should be jle turn to ensure adequate mixand timings.

nce on certain soils.

not provide uniform distribution.

Allow sufficient time for pesticide to be flushed through all the lines and nozzles before turning off irrigation water.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

Do not connect an irrigation system used for pesticide application to a public water system.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

A person knowledgeable of the chemigation system and responsible for its operations, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

GENERAL WEED LIST

Postemergence application of **WILDCARD® XTRA** Herbicide will control the following weeds when sprayed in the seedling stage. Maximum weed stage of growth is listed under **WILDCARD® XTRA** RECOMMENDATIONS.

MOST SUSCEPTIBLE BROADLEAF WEED SPECIES

(Sonchus oleraceus)

Annual sowthistle

Allitual SUVIIIISIIE	(Soricius Oleraceus)
Black mustard	(Brassica nigra)
Black nightshade	(Solanum nigrum)
Common cocklebur	(Xanthium strumarium)
Common lambsquarters	(Chenopodium album)
Common tarweed	(Hemizonia congesta)
Cow cockle	(Saponaria vaccaria)
Cutleaf nightshade	(Solanum triflorum)
Eastern black nightshade	(Solanum ptycanthum)
Coast fiddleneck	(Amsinckia intermedia)
Field pennycress	(Thlaspi arvense)
Green smartweed	(Polygonum scabrum)
Hairy nightshade	(Solanum sarachoides)
Horned Poppy	(Glaucium corniculatum)
Jimsonweed	
	(Datura stramonium)
Ladysthumb	(Polygonum persicaria)
Lanceleaf sage	(Salvia reflexa)
London rocket	(Sisymbrium irio)
Marshelder	(Iva xanthifolia)
Pennsylvania smartweed	(Polygonum strumarium)
Pepperweed spp.	(Lepidium spp.)
Redroot pigweed	(Amaranthus retroflexus)
Russian thistle	(Salsola kali)
Shepherdspurse	(Capsella bursa-pastoris)
Silverleaf nightshade	(Solanum elaeagnifolium)
Smooth pigweed	(Amaranthus hybridus)
Spiny pigweed	(Amaranthus spinosus)
¹ Sunflower	(Helianthus annuus)
Tall Waterhemp	(Amaranthus tuberculatus)
Tartary buckwheat	(Fagopyrum tataricum)
Tumble mustard	(Sisymbrium altissimum)
Wild buckwheat	(Polygonum convolvulus)

SUSCEPTIBLE BROADLEAF WEED SPECIES

Blue (purple) mustard	(Chlorispora tenella)
Common groundsel	(Senecio vulgaris)
Common ragweed	(Ambrosia artemisiifolia)
Corn chamomile	(Anthemis arvensis)
Corn gromwell	(Lithospermum arvense)
Fumitory	(Fumaria officinalis)
Giant ragweed	(Ambrosia trifida)
Hemp sesbania	(Sesbania exaltata)
Henbit	(Lamium amplexicaule)
Ivyleaf morningglory	(Ipomoea hederacea)
Knawel	(Scleranthus annuus)
Kochia	(Kochia scoparia)
Mayweed	(Anthemis cotula)
Prostrate knotweed	(Polygonum aviculare)
Puncture vine	(Tribulus terrestris)
Tall morningglory	(Ipomoea purpurea)
Tansy mustard	(Descurainia pinnata)
Tarweed	(Hemizonia spp.)
Velvetleaf	(Abutilon theophrasti)
Wild radish	(Raphanus raphanistrum)

Weeds germinating after spraying will not be controlled.

¹For control of sunflower, delay application until first sunflower seedlings emerging are 4 inches in height.

WEED SUPPRESSION

Canada Thistle (Cirsium arvense)

(Sinapis arvensis)

(Barbarea vulgaris)

Wild mustard

Yellow rocket

WILDCARD® XTRA Herbicide applied at 1-1/2 pints per acre provides burn down of top growth. Regrowth may occur. Make applications when Canada thistle is 8 inches tall to the bud stage.

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sprayed in the seedling stage.

(Senecio vulgaris) (Ambrosia artemisiifolia) (Anthemis arvensis) (Lithospermum arvense)

DLEAF WEED SPECIES (Chlorispora tenella)

(Fumaria officinalis)
(Ambrosia trifida)
(Sesbania exaltata)
(Lamium amplexicaule)
(Ipomoea hederacea)
(Scleranthus annuus)
(Kochia scoparia)
(Anthemis cotula)
(Polygonum aviculare)
(Tribulus terrestris)
(Ipomoea purpurea)
(Descurainia pinnata)
(Hemizonia spp.)
(Abutilon theophrasti)
(Raphanus raphanistrum)

spraying will not be controlled.

height.

egrowth may occur. Make applica-

WHEAT, BARLEY, OATS AND RYE WILDCARD® XTRA RECOMMENDATIONS

APPLICATION TIMING AND SPECIFIC COMMENTS

PRODUCT	RATE	CROP	WEEDS
WILDCARD® XTRA	1 pint/A	Fall-seeded wheat, barley, oats and rye throughout the United States and spring seeded wheat, barley, oats and rye in Idaho, Oregon, Washington, Colorado, Wyoming and Montana. Apply to wheat, barley, oats and rye from the 3-leaf stage but before the crop reaches the boot stage.	MOST SUSCEPTIBLE BROADLEAF WEEDS: Apply to weeds up to the 8-leaf stage or 4 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 2 inches in diameter.
	1-1/2 to 2 pints/A		SUSCEPTIBLE BROADLEAF WEEDS: Apply to weeds up to the 4-leaf stage or 2 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 1 inch in diameter.
	2 pints/A		Apply to henbit, knawel and mayweed up to the 4-leaf stage or 2 inches in height, whichever comes first. Apply to kochia and tansy mustard for improved control when these weeds exceed the recommended stage of growth or are growing under cool, dry conditions.
	1-1/2 pints/A	Spring-seeded wheat and barley except Idaho, Oregon, Washington, Colorado, Montana, and Wyoming. Apply to wheat, barley, oats and rye from the 3-leaf stage but before the crop reaches the boot stage.	MOST SUSCEPTIBLE AND SUSCEPTI- BLE BROADLEAF WEEDS: Apply to to weeds that do not exceed the 8-leaf stage or 4 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 2 inches in diameter. Apply to kochia up to 2 inches in height.
	1-1/2 to 2 pints/A	Spring-seeded wheat and barley except Idaho, Oregon, Washington, Colorado, Montana, and Wyoming. Apply to wheat, barley, oats and rye from the 3-leaf stage but before the crop reaches the boot stage.	Apply to kochia that is 2-4 inches height.
	Chemigation Only 2 pints/A	Apply to wheat, barley, oats and rye from the 3-leaf stage but before the boot stage. Apply through automated sprinkler irrigation systems with mechanical transfer loading system only. See "MIXING, LOADING AND HANDLING INSTRUCTIONS" section for complete details.	Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE broadleaf weeds up to the 4-leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.
	Post-harvest 3/4 to 2 pints/A	Make applications following harvest of wheat, barley, oats and rye in the states of North Dakota, South Dakota, Minnesota, and Montana. Do not plant any rotational crop until the following use season.	Apply 3/4 to 1 pint/A to MOST SUSCEPTIBLE BROADLEAF WEEDS up to the 8-leaf stage or 4 inches in height, whichever comes first. Apply 1-1/2 to 2 pints/A to SUSCEPTIBLE BROADLEAF WEEDS up to the 4-leaf stage or 2 inches in height, whichever comes first. For control of both grasses and broadleaf weeds, tank mix WILDCARP® XTRA with Roundup® or Roundup® + 2,4-D such as WEEDONE® or WEEDAR® brand herbicides.



WHEAT, BARLEY, OATS AND RYE WILDCARD® XTRA TANK MIXTURE RECOMMENDATIONS

APPLICATION TIMING AND SPECIFIC COMMENTS			
PRODUCT	RATE	CROP	WEEDS
WILDCARD® XTRA + Rhonox® (MCPA Ester)	3/4 to 2 pints/A + 1/4 to 1/2 pint/A	Apply to spring-seeded wheat, barley, oats and rye from tillering stage, but before boot stage.	For control of MOST SUSCEPTIBLE and SUSCEPTIBLE weeds and improved control of redroot pigweed and kochia. Apply to weeds up to the 8-leaf stage, 3 inches in height or 2 inches in diameter, whichever comes first. Apply to kochia and redroot pigweed up to 2 inches in height or diameter.
WILDCARD® XTRA + Glean® + nonionic surfactant	3/4 to 1-1/2 pints/A + 1/6 to 1/3 oz./A + 1 qt./100 gals. of water	Apply to wheat and barley from the 3-leaf stage but before the crop reaches the boot stage. Refer to Glean® label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, tansy mustard and chickweed. Apply to weeds up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
WILDCARD® XTRA + Finesse® + nonionic surfactant	3/4 to 1-1/2 pints/A + 1/6 to 1/3 oz./A + 1 qt./100 gals. of water	Apply to wheat and barley from the 3-leaf stage but before the crop reaches the boot stage. Refer to Finesse® label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, tansy mustard and chickweed. Apply to weeds up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
WILDCARD® XTRA + Ally® + nonionic surfactant	3/4 to 1-1/2 pints/A + 1/10 oz./A + 1 qt./100 gals. of water	Apply to wheat and barley from the 3-leaf stage but before the crop reaches the boot stage. Refer to Ally® label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, tansy mustard and chickweed. Apply to weeds up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
WILDCARD® XTRA + Banvel®	3/4 to 1-1/2 pints/A + 1/8 to 1/4 pint/A	Fall-seeded wheat from the 3-leaf stage but before jointing. Spring seeded wheat from the 3- to 5-leaf stage of growth.	This tank mix improves control of broad- leaves such as prostrate knotweed and kochia. Apply to weeds up to the 8-leaf stage, 3 inches in height or 2 inches in diameter, whichever comes first. Apply to kochia up to 2 inches in height or diameter.
WILDCARD® XTRA + Harmony® Extra + nonionic surfactant	3/4 to 1-1/2 pints/A + 3/10 to 1/2 oz./A + 1 qt./100 gals. of water	Winter wheat. Apply from the 3-leaf stage but before the 3rd node is detectable. Refer to the Harmony® Extra label for crop rotation and other restrictions. Spring wheat and barley. Apply after the 3-leaf, but before the 1st node is detectable. Refer to the Harmony® Extra label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, chickweed and redroot pigweed. Apply to weeds up to the 8-leaf stage, 4 inches in height or across, whichever comes first.
WILDCARD® XTRA + Amber® + nonionic surfactant	3/4 to 1-1/2 pints/A + 0.28 to 0.56 oz./A + 0.25 to 0.5% v/v	Apply to wheat and barley from the 3-leaf stage, but before the flag leaf is visible. Refer to the Amber® label for crop rotation and other restrictions.	This tank mix improves control of broad- leaves such as henbit, tansy mustard, and pigweed. Apply to weeds up to the 4-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.

WHEAT, BA WILDCARD® XTRA TANK N

		APPLICATION
PRODUCT	RATE	CROP
WILDCARD® XTRA + Express® + nonionic surfactant	3/4 to 1-1/2 pints/A + 1/6 to 1/3 oz./A + 1 qt./100 gals. of water	Wheat and bar stage but befor Refer to the Ex rotation and ot
WILDCARD® XTRA + Curtail® or Curtail® M	3/4 to 1-1/2 pints/A + 2 pints/A	Apply to wheat crop begins to detectable.
WILDCARD® XTRA + metribuzin (Sencor® or Lexone®) WILDCARD® XTRA + Avenge®	1 pint/A + 1/8 to 3/16 lb. ai/A 1 to 2 pints/A + 2-1/2 to 4 pints/A	Winter wheat ir Washington. Aj growth has sta with a minimun been establish of joints in the when crop has frost damage, c Winter wheat. I Refer to Aveng other restriction Spring Wheat. Refer to Aveng
WILDCARD® XTRA + Assert®	1 to 1-1/2 pints/A + 1 to 1-1/2 pints/A	Apply to wheat 3-leaf stage bu Refer to Assert and other restr

RESTRICTIONS AND PRECAUTIONS: WHEAT, BARL

- Do not graze treated field within 45 days after applicati
- Do not apply when crops are under moisture stress.
- Do not apply when crop canopy covers the weeds as p
- Reduced weed control may occur when weeds are stre
- Refer to labels of products used in tank mixture for add
- Do not apply more than 0.75 lb. of WILDCARD® X1



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WHEAT, BARLEY, OATS AND RYE WILDCARD® XTRA TANK MIXTURE RECOMMENDATIONS (cont.)

APPLICATION TIMING AND SPECIFIC COMMENTS **PRODUCT** RATE WILDCARD® 3/4 to 1-1/2 Wheat and barley, Apply from the 3-leaf This tank mix improves control of broadleaf **XTRA** pints/A stage but before the flag is visible. weeds such as henbit, chickweed, redroot Refer to the Express® label for crop pigweed and suppression of Canada thistle. 1/6 to 1/3 oz./A rotation and other restrictions. Express® Apply to annual weeds up to the 8-leaf stage, 4 inches in height or across, whichnonionic surfactant 1 qt./100 gals. ever comes first and to Canada thistle 4 to 8 inches tall with 2 to 6 inches of new of water arowth. WILDCARD® 3/4 to 1-1/2 This tank mix improves control of kochia. Apply to wheat and barley after the XTRΔ pints/A crop begins to tiller up to the 1st node wild buckwheat and suppression of Canada detectable. thistle. Apply to annual broadleaf weeds up to the 8-leaf stage, 4 inches in height or Curtail® or 2 pints/A 2 inches in diameter and to Canada thistle Curtail® M in the rosette to prebud stage. WILDCARD® Winter wheat in Idaho, Oregon and This tank mix improves control of broadleaf 1 pint/A **XTRA** Washington. Apply in spring after weeds such as chickweed, filaree, henbit, 1/8 to 3/16 lb. growth has started and secondary roots Apply to weeds up to the 4-leaf stage, metribuzin ai/A with a minimum of 3 to 4 tillers have 2 inches in height or diameter, whichever been established, but before the forming comes first. A recognized authority should (Sencor® or of joints in the stem. Avoid application be consulted concerning the use of this Lexone® when crop has experienced winter kill. mixture in your area. frost damage, disease or drought. WILDCARD® 1 to 2 pints/A Winter wheat. Four-leaf to tillering stage. This tank mix will provide wild oat control in **XTRA** Refer to Avenge® label for varietal and addition to broadleaves. Apply to wild oats 2-1/2 to 4 other restrictions. in the 3- to 5-leaf stage and broadleaves Avenge® pints/A Spring Wheat. Five- to 6-leaf stage. that do not exceed the 4-leaf stage or Refer to Avenge® label for varietal and rosettes of 1.5 inches in diameter. other restrictions. Avenge® use rates per acre are 2-1/2 pints Barley. Three- to 7-leaf stage. (1-10 oats per sq. ft.), 3 pints (11-25 oats per sq. ft.) or 4 pints (more than 25 oats per sq. ft.). WILDCARD® 1 to 1-1/2 This tank mix will provide wild oat control Apply to wheat and barley from the **XTRA** pints/A 3-leaf stage but before boot stage. in addition to broadleaf weeds. Apply to Refer to Assert® label for crop rotation wild oats at the 1- to 4-leaf stage and Assert® 1 to 1-1/2 and other restrictions. broadleaf weeds up to the 8-leaf stage, pints/A 4 inches in height or 2 inches in diameter. whichever comes first. Use Assert® at 1-1/2 pints/A west of the Rocky Mountains or if wild oats have initiated tillering. For spray volumes in excess of 10 GPA, add 0.3 fluid oz of nonionic surfactant for each gallon in excess of 10 GPA.

RESTRICTIONS AND PRECAUTIONS: WHEAT, BARLEY, OATS AND RYE

- Do not graze treated field within 45 days after application.
- Do not apply when crops are under moisture stress.
- Do not apply when crop canopy covers the weeds as poor control will result.
- · Reduced weed control may occur when weeds are stressed from lack of moisture or cold temperatures.
- Refer to labels of products used in tank mixture for additional restrictions and precautions.
- Do not apply more than 0.75 lb. of WILDCARD® XTRA acre per year.

CONSERVATION RE

		APPLICATIO
PRODUCT	RATE	CROP
WILDCARD® XTRA	1 to 2 pints/A	Apply to gras

RESTRICTIONS AND PRECAUTIONS: CRP AREAS

- Do not allow livestock to graze in treated areas or fe
- If legumes are included in CRP area planting, severe
- Do not apply more than 1.5 lbs. of **WILDCARD® XTR**/
- Do not apply more than 2 applications per year with

GRASSES GROV WILDCARD® Seedling

		APPLICATION	T
PRODUCT	RATE PER ACRE	RATE PER 1000 SQ. FT.	,
WILDCARD® XTRA	1 to 3 pints	0.375 to 1.125 fl. oz.	/ 5 5 E 1 k F 5 1 L 1 F (() F 2
	Chemigation Only 2 pints/A 1 to 3 pints	0.75 fl. oz. 0.375 to 1.125 fl. oz.	/ 5 5 5 5 T C S + 5 F C \

CONSERVATION RESERVE PROGRAM AREAS (CRP) WILDCARD® XTRA RECOMMENDATIONS

APPLICATION TIMING AND SPECIFIC COMMENTS			
PRODUCT	RATE	CROP	WEEDS
WILDCARD [®] XTRA	1 to 2 pints/A	Apply to grasses from the 3-leaf stage.	Apply 1 pint/A to MOST SUSCEPTIBLE and 1-1/2 to 2 pints/A to SUSCEPTIBLE broadleaf weeds up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.

RESTRICTIONS AND PRECAUTIONS: CRP AREAS

- Do not allow livestock to graze in treated areas or feed treated grass to livestock.
- If legumes are included in CRP area planting, severe injury may occur to legumes treated with WILDCARD® XTRA.

s control of broadleaf chickweed, redroot

ion of Canada thistle.

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iameter, whichever

zed authority should ng the use of this

de wild oat control in s. Apply to wild oats e and broadleaves 3 4-leaf stage or in diameter. acre are 2-1/2 pints 3 pints (11-25 oats more than 25 oats per ide wild oat control f weeds. Apply to I-leaf stage and the 8-leaf stage, inches in diameter. Use Assert® at he Rocky Mountains iated tillering. excess of 10 GPA. ionic surfactant for of 10 GPA.

d stage.

• Do not apply more than 1.5 lbs. of WILDCARD® XTRA ae/acre per year. • Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

GRASSES GROWN FOR SEED PRODUCTION

WILDCARD® XTRA RECOMMENDATIONS Seedling and Established Grasses

	APPLICATION TIMING AND SPECIFIC COMMENTS			
PRODUCT	RATE PER ACRE	RATE PER 1000 SQ. FT.	CROP	WEEDS
WILDCARD® XTRA	1 to 3 pints	0.375 to 1.125 fl. oz.	Apply to established and newly seeded grasses grown for seed or sod production before the boot stage. Established grasses tolerant to WILDCARD® XTRA include bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermudagrass, St. Augustinegrass and Zoysiagrass. WILDCARD® XTRA may also be used on seedling grasses such as Merion, Park, Delta, or common Kentucky Bluegrasses, Pennlawn, Chewings, Illahee or Alta Fescues, Orchardgrass, Highland, Seaside or Astoria Bentgrasses, perennial Ryegrasses, Bahiagrass and Zoysiagrass.	Refer to the GENERAL WEED LIST for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4-leaf stage, 2 inches in height, or 1 inch in diameter).
	Chemigation Only 2 pints/A 1 to 3 pints	0.75 fl. oz. 0.375 to 1.125 fl. oz.	Apply to established and newly seeded grasses grown for seed or sod production before the boot stage. Apply through automated sprinkler irrigation systems with mechanical transfer loading system only. See "MIXING, LOADING AND HANDLING INSTRUCTIONS" section for complete details. Refer to the list of established grasses that are tolerant to WILDCARD® XTRA.	

(continued)

RESTRICTIONS AND PRECAUTIONS: GRASSES

- . Do not allow livestock to graze in treated areas or
- . Do not apply WILDCARD® XTRA to grasses grown

Note: Do not apply more than 1.5 Lbs. ae/acre mum retreatment interval of 21 days.

FLAX (L WILDCARD

		APPLICAT
PRODUCT	RATE	CROP
WILDCARD® XTRA	0.9 pint to 1 pint/A	Apply to fla Do not app flax during

RESTRICTIONS AND PRECAUTIONS: FLAX (Lin

- Do not apply more than 0.25 lb. of WILDCARD® XT
- . Do not apply if temperatures are expected to excer
- · Unacceptable crop injury may occur following WILI
- · Application under high humidity conditions can inju
- . Unless otherwise instructed, do not apply WILDCA
- · Do not use on ornamental flax.



P)

OST SUSCEPTIBLE ;/A to SUSCEPTIBLE) to the 8-leaf stage, or 2 inches in diameter, rst.

ID® XTRA

e GENERAL WEED isting of susceptible veeds. ntrol will be attained is are treated in the

age (less than 4-leaf

ches in height.

diameter).

RESTRICTIONS AND PRECAUTIONS: GRASSES GROWN FOR SEED OR SOD PRODUCTION

- Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
- Do not apply WILDCARD® XTRA to grasses grown for seed production with backpack or hand-held application equipment.

Note: Do not apply more than 1.5 Lbs. ae/acre per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

FLAX (Linum usitatissium only) WILDCARD® XTRA RECOMMENDATIONS

APPLICATION TIMING AND SPECIFIC COMMENTS					
PRODUCT	RATE	CROP	WEEDS		
WILDCARD® XTRA	0.9 pint to 1 pint/A	Apply to flax 2 to 8 inches in height. Do not apply WILDCARD® XTRA to flax during or after the bud stage.	Apply to MOST SUSCEPTIBLE weeds that do not exceed the 4-leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.		

RESTRICTIONS AND PRECAUTIONS: FLAX (Linum usitatissium only)

- Do not apply more than 0.25 lb. of WILDCARD® XTRA ae/acre per year
- Do not apply if temperatures are expected to exceed 85°F at or 3 days following application or crop injury may occur.
- . Unacceptable crop injury may occur following WILDCARD® XTRA application to flax grown on high organic, peat-type soils.
- Application under high humidity conditions can injure flax.
- Unless otherwise instructed, do not apply WILDCARD® XTRA to flax with crop oil concentrate, surfactants or nitrogen solutions.
- Do not use on ornamental flax

CONDITIONS (AND LIMITATION

Read the Conditions of Sale - Warranty and I terms are not acceptable, return the product

The directions on this label are believed to be relial the crop to which the product is applied may resul ure to follow the label directions or good application (the "Company") or seller. In addition, failure to follow the company warrants that this product conforms referred to in the directions for use subject to the ficonsistent with applicable law, the Company maken cerning the product, including no implied warranty shall be implied by law.

To the extent consistent with applicable law, the handling or use of this product shall be limited to, $\bar{\imath}$

- 1. Refund of the purchase price paid by buyer or us
- 2. Replacement of the product used.

To the extent consistent with applicable law, the Co for special, indirect, incidental, or consequential de income. The Company and the seller offer this proc and limitation of warranty, liability and remedies.

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plication equipment.

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USCEPTIBLE weeds d the 4-leaf stage, or 1 inch in diameter, first.

njury may occur. panic, peat-type soils.

ents or nitrogen solutions.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent consistent with applicable law, the Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

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

To the extent consistent with applicable law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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using this product. If the e refunded.

ntrol of pests and/or injury to veather conditions or the failf Helena Chemical Company nals, man or the environment. easonably fit for the purpose f the Company. To the extent ind, express or implied, conrpose, and no such warranty

ause of action relating to the of following:

ainst the Company are waived at limited to, loss of profits or e foregoing conditions of sale

lemours and Co.



FOR CONTROL OF CERTAIN BROAD CONSERVATION RESERVE PROGRAM

ACTIVE INGREDIENT:

Octanoic acid of ester of bromoxynil (3,5-dibro Isooctyl ester of 2-methyl-chlorophenoxyacetic

Contains Petroleum Distillate.

*Bromoxynil octanoate equivalent to 21.8% of **Equivalent to 21.8% 2-methyl-chlorophenoxy

KEEP OU'

Si usted no entiende la etiqu (If you do not unders

For Chemical Spill, L

IF SWALLOWED:	■ Call a poison control center or dinduce vomiting unless told to do s
IF IN EYES:	■ Hold eye open and rinse slowly then continue rinsing eye. ■ Call
IF ON SKIN OR CLOTHING:	■ Take off contaminated clothing doctor for treatment advice.
IF INHALED:	■ Move person to fresh air. ■ If p mouth, if possible. ■ Call a poisor

Have the product container or label with you when call emergency medical treatment information.

Note to Physician: May pose an aspiration pneumoni

SEE INSIDE BOOKLET FOR ADDITIONA

EPA Reg. No. 5905-550

EPA

HELE 225 SCHILLING BOULEVAL

Job #59986



FOR CONTROL OF CERTAIN BROADLEAF WEEDS IN SMALL GRAINS (WHEAT, BARLEY, OATS AND RYE), CONSERVATION RESERVE PROGRAM (CRP) AREAS, GRASSES GROWN FOR SEED PRODUCTION AND FLAX

ACTIVE INGREDIENT:

Octanoic acid of ester of bromoxynil (3,5-dibromo-4-Hydroxybenzonitrile)	31.7%*	
Isooctyl ester of 2-methyl-chlorophenoxyacetic acid**	34.0%**	ŧ
INERT INGREDIENTS	34.3%	
TOTAL		
Contains Petroleum Distillate.	Patent No. 6.232.272	2

Contains Petroleum Distillate.

*Bromoxynil octanoate equivalent to 21.8% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon. **Equivalent to 21.8% 2-methyl-chlorophenoxyacetic acid or not less than 2.0 pounds MCPA acid per gallon.

KEEP OUT OF REACH OF CHILDREN

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.)

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC 1-800-424-9300 For Medical Emergencies Only, Call 1-877-325-1840

FIRST AID				
IF SWALLOWED:	■ Call a poison control center or doctor immediately for treatment advice. ■ Have person sip a glass of water if able to swallow. ■ Do not induce vomiting unless told to do so by the poison control center or doctor. ■ Do not give anything by mouth to an unconscious person.			
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 immediately with plenty of water for 15-20 minutes. ■ Call a poison control center or doctor for treatment advice.			
IF INHALED:	■ Move person to fresh air. ■ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. ■ Call a poison control center or doctor for further treatment advice.			

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

Note to Physician: May pose an aspiration pneumonia hazard. Contains petroleum distillate

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND COMPLETE DIRECTIONS FOR USE.

EPA Reg. No. 5905-550

EPA Est. No. 228-IL-1

Product of United Kingdom

AD 022712

Manufactured For

HELENA CHEMICAL COMPANY 225 SCHILLING BOULEVARD, SUITE 300 • COLLIERVILLE, TENNESSEE 38017

Job #59986

