



The Chemical Company

Clearmax[®]

herbicide

SPECIMEN

POSTEMERGENCE HERBICIDE FOR USE ON CLEARFIELD[®] WHEAT

Apply Only on CLEARFIELD Wheat Varieties

Active Ingredient:

Ammonium salt of imazamox 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid* 12.1%

Other Ingredients: 87.9%

Total 100.0%

*Equivalent to 11.4% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid
(1 gallon contains 1.0 pound of active ingredient as the free acid)

U.S. Patent No. 5,334,576

EPA Reg. No. 7969-238

EPA Est No. _____

**KEEP OUT OF REACH OF CHILDREN.
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 this label, find someone to explain it to you in detail.)

In case of an emergency endangering life or property involving this product, call 1-800-832-HELP (4357).

See inside booklet for complete **First Aid, Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.**

Net Contents: _____

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

POSTEMERGENCE HERBICIDE FOR USE ON CLEARFIELD[®] WHEAT

Apply Only on CLEARFIELD Wheat Varieties

Active Ingredient:

2-ethylhexyl ester of (4-chloro-2-methylphenoxy)acetic acid* 67.9%

Other Ingredients: 32.1%

Total 100.0%

Contains Petroleum Distillates

*(4-chloro-2-methylphenoxy)acetic acid equivalent 44.1% by weight or 3.7 pounds per gallon.

EPA Reg. No. 7969-238

EPA Est No. _____

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Net Contents: _____

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

Clearmax® herbicide
(First Aid and Precautionary Statements for
Ammonium Salt of Imazamox)

FIRST AID	
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.
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 first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	

Clearmax® herbicide
(First Aid and Precautionary Statements for
2-ethylhexyl ester of MCPA)

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Immediately call poison control center or doctor for treatment advice. • DO NOT induce vomiting unless told to do so by the poison control center or doctor. • DO NOT give any liquid to the victim. • DO NOT give anything by mouth to an unconscious person.
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.
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 first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-832-HELP (4357) for emergency medical treatment information.</p>	
NOTE TO PHYSICIAN	
<p>No specific antidote is available. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.</p> <p>This product contains petroleum distillates. If large amounts (greater than 1 ml/kg body weight) of the product have been ingested, the stomach should be evacuated by gastric intubation with aid of cuffed endotracheal tube to prevent aspiration of petroleum distillates. After removal of stomach contents, wash stomach by instilling 30 to 50 grams of activated charcoal in 3 to 4 ounces of water through the stomach tube and again remove stomach contents. Avoid oily laxatives.</p>	

PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS
AND DOMESTIC ANIMALS****CAUTION!**

Harmful if absorbed through skin or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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-resistant category selection chart.

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as butyl rubber ≥14 mils, or natural rubber ≥14 mils, or neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning and 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: <ul style="list-style-type: none">• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS
AND DOMESTIC ANIMALS****CAUTION!**

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapors or mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for **Category F** on an EPA chemical category selection chart.

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber or viton
- 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.

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

User Safety Recommendations
Users should: <ul style="list-style-type: none">• 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.

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 may be hazardous to plants outside the treated area. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Offsite movement from spray drift, volatilization, and runoff may be hazardous to neighboring crops and vegetative habitat utilized for food and cover by wildlife and aquatic organisms. **DO NOT** contaminate water when disposing of equipment washwaters.

IN CASE OF EMERGENCY:

In case of large-scale spillage regarding this product call:
CHEMTREC 1-800-424-9300
BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment.
- Your local poison control center (hospital).
- BASF Corporation 1-800-832-HELP (4357).

ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants. **DO NOT** apply directly to water, 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 forecast to occur within 48 hours. Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamentals. Coarse sprays are less likely to drift. **DO NOT** apply when weather conditions favor drift from treated areas. Avoid use of small diameter spray nozzles. At high air or ground surface temperatures, vapors from this product may injure susceptible plants. **DO NOT** use in a greenhouse.

Groundwater contamination: 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. Most cases of groundwater contamination involving phenoxy herbicides, such as MCPA, have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of ground water supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Cleaning of equipment: DO NOT use the same spray equipment for other purposes unless thoroughly cleaned. When cleaning equipment, **DO NOT** pour wash water on the ground; spray or drain over a large area away from wells and other water sources.

IN CASE OF EMERGENCY:

For chemical spill, leak, fire or exposure call
CHEMTREC 1-800-424-9300
For Medical Emergencies Only 1-877-325-1840

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of pesticide application.

Use entire contents of this container to treat between 10.7 and 16 acres.

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.

Ensure spray drift to non-target species does not occur.

DO NOT apply **Clearmax® herbicide** in any manner not specifically described in this label.

DO NOT apply this product through any type of irrigation system.

When applied by either ground or air, **Clearmax** spray drift or other indirect contact may injure sensitive crops, including non-imidazolinone tolerant wheat, sunflower or canola, sugar beets, and leafy vegetables.

Spray equipment used for **Clearmax** application must be drained and thoroughly cleaned with water before being used to apply other products.

Observe all cautions and limitations on this label and on the labels of products used in combination with **Clearmax**. **DO NOT** use **Clearmax** other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of **12 hours**.

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

- coveralls
- chemical-resistant gloves, such as barrier laminate, butyl rubber ≥14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, viton ≥ 14 mils, or nitrile rubber ≥ 14 mils
- shoes plus socks

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Keep from freezing. **DO NOT** store below 32° F. **DO NOT** contaminate water, food or feed by storage or disposal.

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. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

GENERAL INFORMATION

Clearmax® herbicide is intended for the postemergence control of a wide spectrum of broadleaf and grass weeds in **CLEARFIELD® wheat**.

Clearmax is provided in a molded jug pack that contains enough ammonium salt of imazamox and 2-ethylhexyl ester of MCPA to treat between 10.7 and 16 acres.

The mode of weed killing activity involves uptake of **Clearmax** by foliage and/or weed roots and rapid translocation to the growing points. After **Clearmax** application, susceptible weeds may show yellowing or epinasty, and weed growth will stop. Susceptible weeds stop growing and either die or are not competitive with the crop. Adequate soil moisture is important for optimum **Clearmax** activity. When adequate soil moisture is present, **Clearmax** will provide residual activity of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

DO NOT tank mix organophosphate (such as **Lorsban®**) or carbamate insecticides (such as **Furadan®**) with **Clearmax** on **CLEARFIELD** crops unless otherwise specified in writing by BASF. **DO NOT** apply an organophosphate insecticide within 7 days of the **Clearmax** application.

Use of **Clearmax** is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

Occasionally, internode shortening and/or temporary yellowing of crop plants may occur following **Clearmax** applications. These effects can be more pronounced if crops are growing under stressful environmental or hot and humid conditions. These effects occur infrequently and are temporary. Normal growth and appearance should resume within 1-2 weeks.

Replanting: If replanting is necessary in a field previously treated with **Clearmax**, the field may be replanted to **CLEARFIELD** Canola, **CLEARFIELD** Wheat, **CLEARFIELD** Sunflowers, edible legumes, or soybeans. Rework the soil no deeper than 2 inches. **DO NOT** apply a second treatment of **Clearmax** to the replanted crop.

DO NOT apply **Beyond®**, **Extreme®**, **Backdraft™ SL**, **Scepter® 70 DG**, **Pursuit®**, **Raptor®**, or **Pursuit® Plus EC herbicides** if soybeans are replanted.

Naturally occurring biotypes¹ of some of the weeds listed on this label may not be effectively controlled by this and/or other products with either the ALS/AHAS enzyme inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonylureas (e.g. **Amber®**, **Express®**, **Everest®**, **Finesse®**, **Glean® F.C.**, **Peak®**, **Rave®**, **Accent®**, **Ally®**, **Basis®**, **Classic®**, **Exceed®**, **Harmony® Extra XP**, **Maverick®**, **Permit®**, **Olympus™**, **Osprey™**, **Silverado™**, etc.), imidazolinones (e.g. **Extreme**, **Backdraft™ SL**, **Beyond**, **Pursuit**, **Scepter 70 DG**, **Cadre® herbicide** and **Lightning® herbicide**), the sulfonamides (e.g. **Hornet®**, etc.) and the pyrimidyl benzoates (e.g. **Staple®**, etc.). If naturally occurring ALS/AHAS resistant biotypes are present in a field, **Clearmax** and/or any other ALS/AHAS enzyme inhibiting mode of action herbicide should be tank mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.

¹A weed biotype is a naturally occurring plant within a given species that has a slightly different, but distinct, genetic makeup from other plants.

Clearmax is active against many broadleaf and grass weed species. For long term weed management, use two herbicides with different modes of action (like **Clearmax**) to reduce the potential for weed resistance. Crop (and herbicide) rotation is also effective in managing weed resistance where herbicides of different modes of action are used. Tillage, where practical (such as in fallow production or prior to planting), is also effective in controlling weeds to minimize resistance development. Additionally, a burndown herbicide during fallow or prior to planting is also effective in reducing weed resistance development.

MIXING INSTRUCTIONS

APPLICATIONS OF **Clearmax** REQUIRE THE ADDITION OF AN ADJUVANT AND NITROGEN FERTILIZER.

I. ADJUVANTS

SURFACTANTS: Use a nonionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 quart per 100 gallons of spray solution (0.25% vol/vol).
AND

II. NITROGEN FERTILIZER

Recommended nitrogen based fertilizers include liquid fertilizers (such as liquid ammonium sulfate, 28% N, 32% N or 10-34-0) at the rate of 2.5 gallons per 100 gallons of spray solution. Instead of a liquid fertilizer, spray grade ammonium sulfate may be used at the rate of 12-15 pounds per 100 gallons of spray solution.

Fill the spray tank 1/2 to 3/4 full with clean water. Add the required number of **Clearmax** containers (the contents of one container treats between 10.7 and 16 acres) to the spray tank while agitating. Add adjuvants and fill the remainder of the tank with water.

TANK MIX COMBINATIONS WITH OTHER HERBICIDES

If other herbicides or other spray tank components are tank mixed with **Clearmax® herbicide**, while agitating, add components in the following order and thoroughly mix after adding each component:

- 1) Fill spray tank 1/2 to 3/4 full with clean water.
- 2) Add soluble packet products and thoroughly mix.
- 3) Add WP (wetable powder), DG (dispersible granule), DF (dry flowable) or liquid flowable formulations not in soluble packets.
- 4) Add **Clearmax** and thoroughly mix.
- 5) Add other aqueous solution products.
- 6) Add EC (emulsifiable concentrate) products.
- 7) Add surfactant or crop oil to the spray tank.
- 8) Add nitrogen fertilizer.
- 9) While agitating, fill the remainder of the tank with water.

Potential tank mixtures should be evaluated for compatibility using a simple jar test prior to actual tank mixing.

To avoid injury to sensitive crops, spray equipment used for **Clearmax** applications must be drained and thoroughly cleaned with water before being used to apply other products.

When **Clearmax** is used in a tank mix with another herbicide, follow the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with label restrictions and precautions. **DO NOT** tank mix **Clearmax** with any product having a label prohibiting such mixtures.

SPRAYING INSTRUCTIONS

DO NOT apply when wind conditions may result in drift, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables and sugar beet.

GROUND APPLICATIONS

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying **Clearmax** to minimum- or no-till crops. Use higher gallonage (>20 GPA) for fields with dense vegetation or heavy crop residues.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use flat-fan nozzle tips or similar appropriate nozzle tips to ensure adequate coverage.

DO NOT overlap when spraying.

GROUND APPLICATIONS WITH A LOW VOLUME SPRAYER

Clearmax may be applied with a low volume (**Spra-Coupe™**-type) sprayer. When applying **Clearmax** with a low volume sprayer, spray the weeds before they reach the maximum size or tiller number listed in this label. Adequate control of weeds is dependent upon good spray coverage of the weeds. The sprayer must be calibrated to deliver the recommended spray volume and pressure to ensure adequate spray coverage of the weeds.

When applying **Clearmax** with a low volume sprayer, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40-60 psi for optimum coverage.

AERIAL APPLICATION

Clearmax may be applied by air to crops listed on this label. Uniformly apply with properly calibrated equipment in 5 or more gallons of water per acre. The addition of an adjuvant **AND** nitrogen fertilizer are required for optimum weed control.

Non-uniform applications of **Clearmax** through aerial equipment may increase **CLEARFIELD®** crop response (stunting, chlorosis), especially when applied to large slopes and hills. All risks associated with non-uniform applications shall be assumed by the user.

SPRAY DRIFT MANAGEMENT

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 applications:

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 displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

DO NOT make applications into temperature inversions.

Additional requirements for ground boom application:

DO NOT apply with a nozzle height greater than 4 feet above the crop canopy.

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 application decisions.

APPLICATION INFORMATION

Use the entire contents of this container to treat between 10.7 and 16 acres. This is equivalent to 12 to 18 fluid ounces of **Clearmax® herbicide** per acre.

Apply Clearmax as a postemergence treatment when weeds are actively growing and before they exceed the maximum recommended size (see weed control tables). Delay application until the majority of the weeds are at the recommended growth stage.

Application timing should be based primarily on **CLEARFIELD®** Wheat growth stage. In general, **Clearmax** should be applied when weeds are small and actively growing. An adjuvant and a nitrogen fertilizer must be added to the spray solution for optimum weed control activity. See the **ADJUVANTS** section under **MIXING INSTRUCTIONS** for specific instructions.

When **Clearmax** is applied postemergence, absorption will occur through both the roots and foliage. Susceptible weeds stop growing and either die or are not competitive with the crop. **Clearmax** not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides control or suppression on susceptible broadleaf weeds that may emerge shortly after application.

Weeds are controlled when actively growing. Under conditions of cold temperatures (less than 40° F, maximum daytime temperatures), weed control may be reduced. **Clearmax** should be applied a minimum of one hour before rainfall or overhead irrigation.

CLEARFIELD WHEAT - DIRECTIONS FOR USE

Clearmax can be applied postemergence on **CLEARFIELD** Wheat (imidazolinone tolerant wheat) varieties. Apply only on wheat varieties labeled as "**CLEARFIELD**" and warranted by the seed supplier to possess tolerance to direct application of **Clearmax**. **DO NOT** apply **Clearmax** to wheat varieties which lack resistance/tolerance to imidazolinone herbicides. Contact your seed supplier, chemical dealer or BASF to obtain information regarding **CLEARFIELD** Wheat varieties.

Apply Clearmax as an early postemergence treatment when weeds are actively growing and before broadleaf weeds exceed a height of 3 inches and grasses exceed 4-5 leaves (unless otherwise indicated). Under conditions of cold temperatures (less than 40° F, maximum daytime temperatures), weed control may be less than optimal. A thin stand of wheat may result in unacceptable weed control. **Clearmax** is effective in controlling weeds in conservation tillage and conventional tillage wheat production systems. Delay application until the majority of the weeds are at the recommended growth stage. When a mixture of grasses and broadleaf weeds are present, time the application to the grass weeds for optimum control.

When adequate soil moisture is present, **Clearmax** will provide residual activity of susceptible germinating broadleaf weeds.

Occasionally, reduction in plant height or temporary yellowing of crop plants may occur following **Clearmax** applications.

These effects can be more pronounced in spray overlap areas and/or if crops are growing under stressful environmental conditions (such as, but not limited to, drought, excessive moisture, improper fertility, improper varietal adaptation, poor planting conditions, etc.). To avoid possible crop injury, **DO NOT** apply **Clearmax** to **CLEARFIELD wheat** when extreme cold temperatures (less than 40° F, maximum daytime temperatures) are expected within one week of application. Crop response associated with stress conditions and overlaps shall be the responsibility of the user.

Weed control is optimized when **Clearmax** is applied to actively growing wheat. Plant a locally adapted **CLEARFIELD** variety at the normal seeding rate for your geography. Apply to wheat after tiller initiation has begun and prior to the jointing stage of growth (and when the weeds are at the appropriate size - see **WEEDS CONTROLLED** tables).

Restrictions and Limitations

DO NOT forage or graze meat animals on treated areas within 7 days of slaughter. **DO NOT** forage or graze dairy animals on treated areas within 7 days after treatment.

Applying **Clearmax** to weeds that have been grazed may result in reduced weed control. For optimum weed control, allow a period of 7 days between the end of grazing and **Clearmax** application to allow weed regrowth. Wait until new growth of weeds is evident before applying **Clearmax** in fields that have been grazed.

CLEARFIELD® SPRING WHEAT

CLEARMAX® HERBICIDE APPLICATION TIMING - SPRING WHEAT

Apply **Clearmax** at the following crop and weed stages of growth:

CLEARFIELD SPRING WHEAT	4 LEAF TO PRIOR TO JOINT
Broadleaf weeds	Refer to weed control tables for specific weed sizes.
Grass weeds	

USE RATE

SPRING WHEAT:

APPLY at the 16 acre rate. See **WEEDS CONTROLLED** section for detailed use rate recommendations.

A surfactant **and** nitrogen based fertilizer must be added to the spray solution for optimum weed control activity. See the **ADJUVANTS** section under **MIXING INSTRUCTIONS** for specific instructions.

CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS

DO NOT apply more than the 16 acre rate (12 ounces of **Clearmax** per acre) during the growing season.

WEEDS CONTROLLED - SPRING WHEAT

Clearmax will control or suppress the weeds listed below when applied postemergence at the recommended rates listed below.

Broadleaf Weeds Controlled by Clearmax at the 16 Acre Rate	
Weed Size	
Maximum Size (Inches)	
Canola, volunteer	5
Chickweed, common	3
Cocklebur, common	3
Flixweed	3
Henbit	3
Knotweed, prostrate	3
Lambsquarters, common ¹	1
Mallow,	
Common	3
Venice	1
Mustard,	
Black	4
Blue	4
Tumble	3
Wild	4

**Broadleaf Weeds Controlled by Clearmax® herbicide (continued)
at the 16 Acre Rate**

Weed Size	
Maximum Size (Inches)	
Nightshade,	
Black	5
Eastern black	5
Hairy	5
Pennycress, field	3
Pigweed,	
Redroot	5
Smooth	4
Spiny	3
Purslane, common	3
Radish, wild	3
Rocket,	
London	5
Yellow	5
Shepherdspurse	5
Smartweed,	
Ladysthumb	3
Pennsylvania	3
Spurge, prostrate	3
Tansymustard, green	4
Thistle, Russian (non-ALS resistant)	3
Velvetleaf	3

¹ **Clearmax** provides suppression of common lambsquarters east of the Rocky Mountains.

**Broadleaf Weeds Suppressed by Clearmax Applications
at the 16 Acre Rate**

Weed Size	
Maximum Size (Inches)	
Bedstraw	3
Buckwheat, wild ¹	3
Dandelion	3
Ragweed,	
Common	3
Giant	3
Thistle, Canada	3

¹ See **SPECIFIC WEED PROBLEMS** section for more information.

**Grass Weeds Controlled by Clearmax® herbicide - Spring Wheat
at the 16 Acre Rate**

	Weed Size
	Number of Leaves (maximum tillers)
Barnyardgrass	1-5 (1)
Brome,	
California	1-5 (2)
Cheat	1-5 (2)
Downy	1-5 (2)
Japanese	1-5 (2)
Canarygrass, littleseed	1-5 (2)
Cereals, volunteer	
Barley	1-6 (1)
Oat	1-6 (1)
Wheat (non- CLEARFIELD ®)	1-4 (1)
Corn, volunteer (non- CLEARFIELD)	1-4
Crabgrass, large	1-4 (1)
Darnel, Persian	1-5 (2)
Foxtail,	
Giant	1-6 (2)
Green	1-4 (1)
Yellow	1-4 (1)
Goatgrass, jointed	1-5 (2)
Oats, wild ¹	1-5 (2)
Rescuegrass	1-4 (1)
Ryegrass, Italian ¹	1-4 (1)
Rye, feral or cereal ¹	1-4 (1)

¹ See **SPECIFIC WEED PROBLEMS** section.

CLEARFIELD® WINTER WHEAT

CLEARMAX® HERBICIDE APPLICATION TIMING - WINTER WHEAT

Apply **Clearmax** at the following crop and weed stages of growth:

CLEARFIELD WINTER WHEAT	AFTER TILLER INITIATION AND PRIOR TO JOINT
Broadleaf weeds	Refer to weed control tables for specific weed sizes.
Grass weeds	

USE RATE

WINTER WHEAT:

APPLY at the 10.7 to 16 acre rate (12-18 FLUID OUNCES OF **Clearmax** PER ACRE). See **WEEDS CONTROLLED** section for detailed use rate recommendations.

A surfactant **and** nitrogen-based fertilizer must be added to the spray solution for optimum weed control activity. See the **ADJUVANTS** section under **MIXING INSTRUCTIONS** for specific instructions.

CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS

DO NOT apply more than the 10.7 acre rate (18 ounces of **Clearmax** per acre) during the growing season.

Application of **Clearmax** to weeds, which have been grazed, may result in reduced weed control. For optimum weed control, allow a period of 7 days between the end of grazing and **Clearmax** application for weed regrowth to occur. Under cold conditions, wait until new growth of weeds is evident before applying **Clearmax** in fields which have been grazed.

WEEDS CONTROLLED - WINTER WHEAT

Clearmax will control or suppress the weeds listed below when applied postemergence at the recommended rates listed below.

Broadleaf Weeds Controlled by Clearmax		
	Application Rate	Weed Size
	Acres Treated	Maximum Size (Inches)
Beet, wild	16-10.7	3
Canola, volunteer	16-10.7	5
Chickweed, common	16-10.7	3
Cocklebur, common	16-10.7	3
Filaree,		
Redstem	12.8-10.7	3
Whitestem	12.8-10.7	3
Flixweed	16-10.7	3
Henbit	12.8-10.7	3
Knotweed, prostrate	12.8-10.7	3
Lambsquarters, common	16-10.7	1
Lettuce, miners	12.8-10.7	3
Jimsonweed	16-10.7	3

Broadleaf Weeds Controlled by Clearmax® herbicide (continued)

	Application Rate	Weed Size
	Acres Treated	Maximum Size (Inches)
Mallow,		
Common	12.8-10.7	3
Venice	12.8-10.7	1
Morningglory,		
Entireleaf	12.8-10.7	3
Ivyleaf	12.8-10.7	3
Smallflower	12.8-10.7	3
Tall	12.8-10.7	3
Mustard,		
Black	16-10.7	4
Blue	16-10.7	4
Tumble	16-10.7	3
Wild	16-10.7	4
Nightshade,		
Black	16-10.7	5
Eastern black	16-10.7	5
Hairy	16-10.7	5
Pennycress, field	16-10.7	3
Pigweed,		
Redroot	16-10.7	5
Smooth	16-10.7	4
Spiny	16-10.7	3
Purslane, common	16-10.7	3
Radish, wild	16-10.7	3
Rocket, London	12.8-10.7	5
Rocket, yellow	12.8-10.7	5
Shepherdspurse	16-10.7	5
Smartweed,		
Ladysthumb	16-10.7	3
Pennsylvania	16-10.7	3
Swamp	12.8-10.7	3
Spurge, prostrate	12.8-10.7	3
Tansymustard, green	16-10.7	4
Thistle, Russian (non-ALS resistant)	12.8-10.7	3
Velvetleaf	16-10.7	3

¹ **Clearmax** controls common lambsquarters at the 16 acre rate east of the Rocky Mountains. Apply 12.8 to 10.7 acre rate west of the Rocky Mountains.

**Broadleaf Weeds Suppressed
by Clearmax® herbicide Applications**

	Application Rate	Weed Size
	Acres Treated	Maximum Size (Inches)
Bedstraw	12.8-10.7	3
Buckwheat, wild ¹	12.8-10.7	3
Dandelion	12.8-10.7	3
Fiddleneck	12.8-10.7	3
Primrose,		
Cutleaf	12.8-10.7	3
Evening	12.8-10.7	3
Ragweed,		
Common	12.8-10.7	3
Giant	12.8-10.7	3
Thistle, Canada	12.8-10.7	3

¹ See **SPECIFIC WEED PROBLEMS** section for more information.

Grass Weeds Controlled by Clearmax - Winter Wheat

	Application Rate	Weed Size
	Acres Treated	Number of Leaves (maximum tillers)
Barnyardgrass	12.8-10.7	1-5 (1)
Brome,		
California	16-10.7	1-5 (2)
Cheat	16-10.7	1-5 (2)
Downy	16-10.7	1-5 (2)
Japanese	16-10.7	1-5 (2)
Canarygrass, littleseed	16-10.7	1-5 (2)
Cereals, volunteer		
Barley	16-10.7	1-6 (1)
Oat	16-10.7	1-6 (1)
Wheat (non-CLEARFIELD®)	16-10.7	1-4 (1)
Corn, volunteer (non-CLEARFIELD)	16-10.7	1-4
Crabgrass, large	12.8-10.7	1-4 (1)
Darnel, Persian	16-10.7	1-5 (2)
Foxtail,		
Giant	16-10.7	1-6 (2)
Green	16-10.7	1-4 (1)
Yellow	16-10.7	1-4 (1)

Grass Weeds Controlled by Clearmax® herbicide - Winter Wheat (continued)

	Application Rate	Weed Size
	Acres Treated	Number of Leaves (maximum tillers)
Johnsongrass, seedling	12.8-10.7	1-5 (1)
Jointed goatgrass	16-10.7	1-5 (2)
Oats, wild ¹	16-10.7	1-5 (2)
Rescuegrass	16-10.7	1-4 (1)
Ryegrass, Italian ¹	16-10.7	1-4 (1)
Rye, feral or cereal ¹	16-10.7	1-4 (1)

¹ See **SPECIFIC WEED PROBLEMS** section for more information.

**Grass Weeds Suppressed by
Clearmax Applications**

	Application Rate	Weed Size
	Acres Treated	Number of Leaves (maximum tillers)
Brome,		
California	16-10.7	6+ (3+)
Cheat	16-10.7	6+ (3+)
Downy	16-10.7	6+ (3+)
Japanese	16-10.7	6+ (3+)
Fescue, rattail	16-10.7	1-3
Johnsongrass, rhizome	10.7	1-5
Jointed goatgrass	16-10.7	6+(3+)
Sedges		
Purple	10.7	1-3
Yellow	10.7	1-3
Quackgrass	10.7	1-5

SPECIFIC WEED PROBLEMS

Cereals, volunteer (barley, oat and wheat):

Clearmax® herbicide controls emerged volunteer cereals only and only emerged non-CLEARFIELD® Wheat.

Feral Rye (cereal, volunteer rye): Apply to feral rye before the first tiller forms. Once feral rye develops tillers, control is significantly reduced. In winter wheat, if feral rye germinates in the fall, an application of **Clearmax** in the fall will provide the best control. If feral rye germinates following an application of **Clearmax** in the fall, a spring application of **Clearmax** or **Beyond® herbicide** may be necessary for control of subsequent germination flushes. **Clearmax** only suppresses Feral rye in Montana, Wyoming, North Dakota, South Dakota, Nebraska, Kansas, Colorado, Texas and Oklahoma.

Italian Ryegrass: Clearmax controls emerged Italian ryegrass only. Under favorable growing conditions, ryegrass may germinate over several weeks (especially in the southern US). **Clearmax** does not provide residual control of Italian ryegrass. Optimum application timing is to ryegrass with 3-4 leaves and before the first tiller. Weed control is reduced when tillers develop. In the Pacific Northwest a spring application of **Clearmax** is recommended to achieve the most consistent control. In winter wheat, if Italian ryegrass germinates following a fall application, a spring application may be necessary. Apply the higher recommended rate when Italian ryegrass is at the maximum recommended size, or to heavy grass populations.

Kochia (Resistant Biotype): Naturally occurring ALS/AHAS resistant biotypes of kochia are common in wheat fields. In many cases, a tank mixture with **Clearmax** will be required for acceptable control. If **Clearmax** is applied in the spring, apply **Clearmax** in a tank mixture with a herbicide(s) recommended to control kochia (i.e. bromoxynil). Apply to kochia 2 inches in size or less.

Wild Buckwheat: For enhanced control of wild buckwheat, add **Starane®** or bromoxynil to the tank mixture. Apply to wild buckwheat with 2 true leaves or less.

Wild Oats: Clearmax controls emerged wild oats only. Under favorable growing conditions, wild oats may germinate over several weeks. **Clearmax** does not provide residual control of wild oats.

Winter Wheat Only: Clearmax is most effective for grass and broadleaf weed control when applied in the fall. If summer annual broadleaf weeds germinate in the spring (following a fall application of **Clearmax**), a broadleaf herbicide may need to be applied. If the **Clearmax** application is made in the spring, the broadleaf herbicide may be tank mixed with **Clearmax**. For improved control of grasses such as feral rye, Italian ryegrass, and downy brome, use higher rates of nitrogen fertilizer up to 5% by volume or 15 lbs per 100 gallons of the spray solution. Higher rates of nitrogen fertilizer can improve grass weed control with **Clearmax**, especially under drought stress conditions

TANK MIX HERBICIDE COMBINATIONS WITH CLEARMAX HERBICIDE

Recommended Tank Mixes For Postemergence Applications of Clearmax on CLEARFIELD Wheat Varieties are:

bromoxynil **Starane**

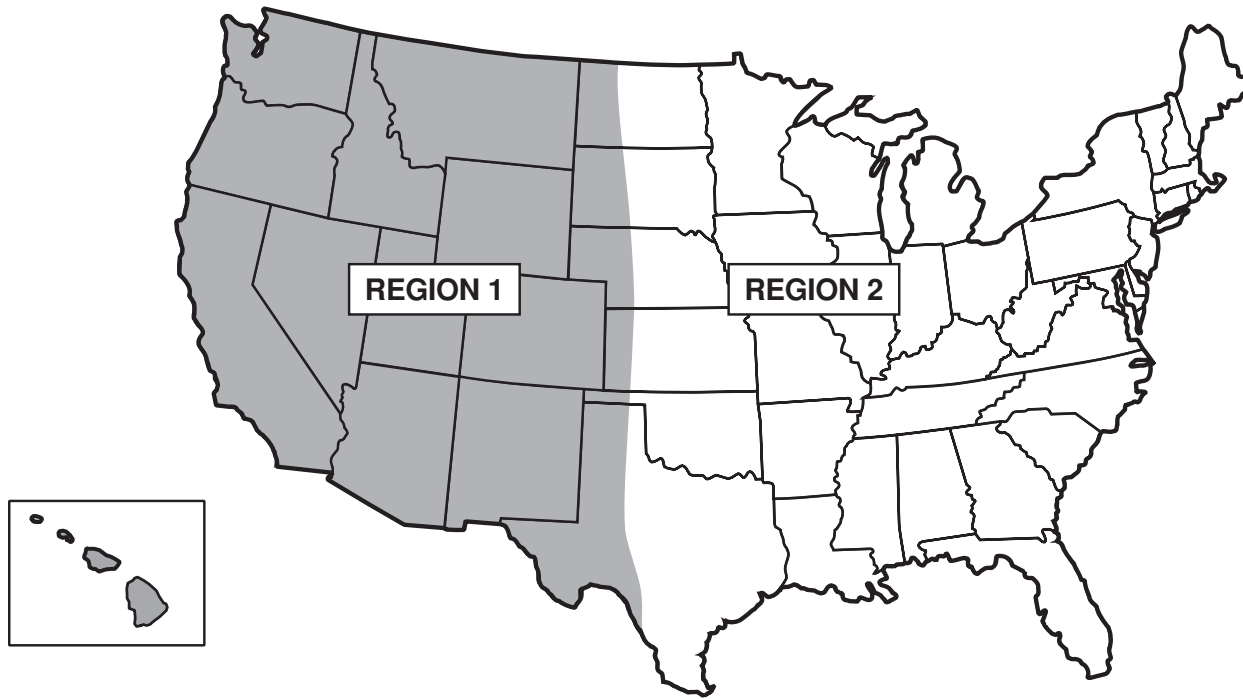
Limit bromoxynil applications to 0.5 lb/acre of active ingredient when tank mixed with **Clearmax**.

Sulfonylurea herbicides such as Ally®, Amber®, Everest®, Finesse®, Express®, Harmony® Extra XP and Maverick® should not be tank mixed with Clearmax. Clearmax tank mixes with sulfonylurea herbicides may result in unacceptable crop response.

When **Clearmax** is tank mixed, follow the respective label for rates, methods and timing of application, weeds controlled, restrictions and precautions. Use in accordance with the label use directions and precautions.

ROTATIONAL CROP RESTRICTIONS

Rotational crops may be planted after applying the recommended rate of **Clearmax** in the regions as indicated below.



Region 1 consists of states and parts of states WEST of US Highway 83 (Arizona, California, Hawaii, Idaho, Oregon, Washington, Utah, Nevada, New Mexico, Wyoming, Montana, Colorado, and western parts of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma and Texas).

Region 2 consists of states and parts of states to the EAST of US Highway 83 (Includes eastern parts of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, and the states EAST of these states).

Rotational Interval (months) Following an Application of Clearmax® herbicide

Plant-back Interval (months)	Region 1	Region 2
Anytime	CLEARFIELD® Canola CLEARFIELD Sunflowers CLEARFIELD Wheat Edible legumes Soybeans	CLEARFIELD Canola CLEARFIELD Sunflowers CLEARFIELD Wheat Edible legumes Soybeans
Three months	Alfalfa Wheat (non- CLEARFIELD)	Alfalfa Wheat (non- CLEARFIELD)
Four months	Rye	Barley Rye
Eight and one-half months	Corn (field, pop, seed, sweet, CLEARFIELD and non- CLEARFIELD)	Corn (field, pop, seed, sweet, CLEARFIELD and non- CLEARFIELD)
Nine months	Barley ¹ Cantaloupe Cotton Grain sorghum Lettuce Millets Oat Onion Peanut Pumpkin Rice	Squash Sunflower Tobacco Watermelon
Eighteen months	Barley ¹ Broccoli Cabbage Carrot Cucumber All other crops not listed in the ROTATIONAL CROP Restrictions.	Pepper Potato Tomato Turnip
Twenty-six months	Canola Condiment mustard Sugar beets ³ Table beets	Canola Condiment mustard Sugar beets ² Table beets ² All other crops not listed in the ROTATIONAL CROPS restrictions.

¹ In **Region 1**, refer to the following **Barley Rotational Interval based on pH, Moisture and Tillage (Region 1)** table for rotational intervals for planting barley following applications of **Clearmax**.

² In **Region 2**, sugar beets and table beets can be planted eighteen months following an application of **Clearmax** if the soil pH is uniformly 6.2 or greater. If the soil pH is less than 6.2, the rotational interval is 26 months. Sugar beet yields can be reduced when grown in soil conditions with a pH less than 6.2. If the soil is limed to adjust the soil pH, apply the lime at least 18 months prior to planting sugar beets or other rotational crops under the 18 month rotational interval.

³ For sugar beets grown in parts of Nebraska west of US Highway 83 and Platte, Goshen and Laramie counties in Wyoming, follow the sugar beet rotational crop restrictions for **Region 2** for sprinkler irrigated fields only. If fields are dry land, flood or furrow irrigated, follow restrictions for **Region 1**. A minimum of 10 inches of overhead irrigation must be applied each season in order to qualify for **Region 2** guidelines.

⁴ In **Region 2**, potatoes require 18 inches of rainfall and soil pH > 6.2 for 9 month plantback.

When taking soil samples to determine soil pH, utilize a grid sampling technique, sampling to a depth of 3-4 inches.

Barley Rotational Interval Based on pH, Moisture and Tillage (Region 1)

		Moldboard Plowing?	
		NO	YES
pH and Rainfall Requirements	>18" R+I AND pH >6.2	9 months	9 months
	<18" R+I OR pH <6.2	18 months	9 months

R+I = Rainfall and overhead irrigation from the time of **Clearmax** application to barley planting. **Does not include furrow or flood irrigation.**

If the rainfall or pH requirements are not fully met and barley is planted prior to 18 months, injury may be reduced by tillage, such as deep disking (greater than 6 inches deep) after crop harvest but prior to November 1.

Furrow and Flood Irrigated Crops

Following harvest of furrow or flood irrigated crops, the soil should be thoroughly mixed by plowing or deep disking in order to minimize the potential for herbicide carryover to the following crop.

Use of **Clearmax** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors, such as arid conditions, make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

GENERAL PRECAUTIONS

In the event of a crop loss due to weather, edible legumes, **CLEARFIELD** canola, **CLEARFIELD** wheat, **CLEARFIELD** sunflowers or **CLEARFIELD** soybeans can be replanted. **DO NOT** make an additional application of **Clearmax**.

Application of products containing chlorimuron ethyl (**Classic®**, **Canopy®**, **Synchrony®**, **Lorox Plus®**, **Preview®**, etc.), metsulfuron-methyl (**Harmony® Extra XP**), imazaquin (**SCEPTER®**, **SQUADRON®**), **SCEPTER® 70 DG herbicides**), or imazethapyr (**PURSUIT®**, **PURSUIT® DG**, **PURSUIT® PLUS EC herbicides**) the same year as **Clearmax** may increase the risk of injury to sensitive rotational crops. Consult all pertinent labels for recommended uses of these products in combinations.

If arid conditions occur during the year of application, rotational crop injury may occur.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

To the extent consistent with applicable law, BASF makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty.

To the extent consistent with applicable law, Buyer's exclusive remedy and BASF's exclusive liability, whether in contract, tort, negligence, strict liability, or otherwise, shall be limited to repayment of the purchase price of the product.

To the extent consistent with applicable law, BASF and the Seller disclaim any liability for consequential, special or indirect damages resulting from the use or handling of this product.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

0408

USES WITH OTHER PRODUCTS (TANK MIXES)

If this product is used in combination with any other product except as specifically recommended in writing by BASF, then to the extent consistent with applicable law, BASF shall have no liability for any loss, damage or injury arising out of its use in any such combination not so specifically recommended. If used in combination recommended by BASF, to the extent consistent with applicable law, the liability of BASF shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of BASF product in such combination use, and in any event, to the extent consistent with applicable law, shall be limited to return of the amount of the purchase price of the BASF product.

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