HERBICIDE FOR THE CONTROL OF CERTAIN BROADLEAF WEEDS IN CORN (FIELD AND POP), SORGHUM (GRAIN AND FORAGE), SUDANGRASS, BARLEY, OATS, RYE, TRITICALE, WHEAT, SEEDLING ALFALFA, FLAX, GARLIC, ONIONS, MINT, GRASSES GROWN FOR SEED AND SOD PRODUCTION, CONSERVATION RESERVE PROGRAM (CRP) AREAS, NON-RESIDENTIAL TURFGRASS, AND NON-CROPLAND/INDUSTRIAL SITES.

ACTIVE INGREDIENT:
Octanoic acid ester of bromoxynil* (3,5-dibromo-4-hydroxybenzoic acid) 33.4%
INERT INGREDIENTS** 66.0%
TOTAL 100.0%

** Contains xylene and petroleum distillates.
* Bromoxynil octanoate equivalent to 22.9% of bromoxynil or less than 2.0 pounds of bromoxynil per gallon.

KEEP OUT OF REACH OF CHILDREN—AVISO
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.)

FIRST AID

If swallowed:
• Immediately call a poison control center or doctor.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give any liquid to the person.
• Do not give anything by mouth to an unconscious person.

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 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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
1-855-944-8656

Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical resistant to this product are listed below. If you want options, follow the instructions for category G on EPA chemical resistance category selection chart. Applications and other handlers must wear:
• Coveralls over long-sleeved shirt and long pants,
• Chemical resistant gloves such as barrier laminate or nitrile gloves,
• Chemical resistant apron when cleaning equipment,
• Protective eyewear,
• Chemical resistant headgear for overhead exposure,
• Chemical resistant footwear plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse. 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 170.243[d]-[g]), the handler PPE requirements may be reduced or modified as specified in the WPS.

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 container and transfer the rinsate directly to the mixing or spray tank.

To reduce exposure to residues, wash the spray rig, tractor, and all other equipment used to handle or apply this product with water daily or before using the equipment for any other purpose.

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 APPLICATION, 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.).

USER SAFETY RECOMMENDATIONS

Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. 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. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. For terrestrial uses, 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 apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS
Do not use or store near heat or open flame.

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.

WARNING
Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

EPA REG. NO. 34704-891
EPA EST. NO. 51036-6A-1
NET CONTENTS 2½ GALS. (9.48 L)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

HM-12095 V102 010/10
Do not apply this product in a way that will contact workers or others, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. 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 over long-sleeved shirt and long pants,
- Chemical-resistant gloves such as barrier laminate or viton gloves,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear for overhead exposure,
- Protective eyewear.

RETURNABLE — REFILLABLE CONTAINERS
After use, return the container to the point of purchase or designated locations. This container must only be refilled with BROCLEAN® Herbicide. DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE. Prior to refilling, inspect thoroughly for damage such as cracks, dents, bulges, abrasions and dents, and worn out threads or closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation. If the container is not being refilled, return it to the point of purchase.

GENERAL INFORMATION
BROCLEAN is formulated as an emulsifiable concentrate of octaicyclid ester of bro- moxynil containing the equivalent of 2 pounds of bromoxynil per gallon.

BROCLEAN is a selective postemergence herbicide for control of important broadleaf weeds infesting field corn, popcorn, sorghum (grain and forage), barley, oats, rye, triticale, canola, field soybeans, father, flax, onions, garlic, mint, (established peppermint and spearmint), Conservation Reserve Program (CRP) acres, grasses grown for seed or sod production, non-residential turfgrass, and non-cropland and industrial sites. Optimum weed control is obtained when BROCLEAN is applied to actively growing weed seedlings. BROCLEAN is primarily a contact herbicide, therefore thorough coverage of the weed seedlings is essential for optimum control. BROCLEAN 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 Yavonna Rojo wheat, may not develop the crop canopy fast enough to shade the subsequent flushes of weeds.

Occasionally, temporary leaf burn may occur. The temporary leaf burn is similar to that seen with liquid fertilizer. Because the activity of BROCLEAN is not systemic, 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 pack-aged 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 dealer 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 before the container has been emptied and rinsed. The pump or probe system must be used to rinse the empty container and to transfer the residue directly to the mixing or spray tank.

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

TANK MIXTURES: BROCLEAN 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 BROCLEAN in mixture with other products, fill the spray tank 1/2 to 3/4 full with clean water and begin agitation. If tankmixing 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 BROCLEAN and add water to the spray tank to the desired level. If tankmixing with other product types, add the BROCLEAN 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.

COMPATIBILITY OF INSECTICIDES WITH BROCLEAN
The following foliar insecticides are compatible with BROCLEAN as tank mixtures.

<table>
<thead>
<tr>
<th>INSECTICIDE</th>
<th>COMMON NAME</th>
<th>TRADE NAME</th>
<th>FORMULATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diazinon</td>
<td>Various</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Dimethoate</td>
<td>Various</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Trichlorfon</td>
<td>Dylox®</td>
<td>Soluble Powder</td>
<td></td>
</tr>
<tr>
<td>Carbaryl</td>
<td>Furadan®</td>
<td>Flowable</td>
<td></td>
</tr>
<tr>
<td>Chlorpyrifos</td>
<td>Warhark®</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Malathion</td>
<td>Various</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Oxycodone-methyl</td>
<td>MSH®</td>
<td>Sprayable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Permethrin</td>
<td>Pounce®</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Carbaryl</td>
<td>Carbaryl 4L</td>
<td>Sprayable wettable powder or Flowable</td>
<td></td>
</tr>
</tbody>
</table>

If tank mixing with products other than listed above or 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 BROCLEAN.

SPRAYABLE LIQUID FERTILIZERS AND SPRAY ADDITIVES
BROCLEAN can be applied in combination with sprayable liquid fertilizer or spray additives such as surfactants or crop oil concentrate.

When tankmixing with liquid fertilizer always add the fertilizer to the spray tank first and agitate thoroughly before adding BROCLEAN. 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 BROCLEAN is evenly mixed with the fertilizer. Leaf burn may occur when BROCLEAN 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 BROCLEAN. Do not apply fertilizers or spray additives with BROCLEAN if leaf burn is a major concern due to environmental conditions, crop or variety sensitivity to BROCLEAN. Do not apply BROCLEAN in combination with fertilizer or spray additives if restricted under the individual crop use directions.

APPLICATION PROCEDURES
BROCLEAN can be applied to registered use areas by ground, aerial and sprinkler irrigation equipment. The following provides recommended methods of application for each crop.

<table>
<thead>
<tr>
<th>CROP</th>
<th>GROUND</th>
<th>AERIAL</th>
<th>SPRINKLER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn (field and pop)</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Sorghum (grain and forage) and Sudan grass</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Small grains</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Seedling alfalfa</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Flax</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Garlic</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Onions</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Mint</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Grass grown for seed or sod production</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Conservation Reserve Program (CRP) acres</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Non-residential turfgrass</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Non-cropland/Industrial sites</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

(X) Indicates recommended application use

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 minimum 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 are not recommended as weed control with BROCLEAN may be reduced. 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 litter, crop and weed density allow effective spray distribution.

2
When using higher speed equipment a maximum speed of 10 mph is suggested if field conditions cause excessive boom movement during application which results in poor spray coverage. 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 the size of the 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 movements.

**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.

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 grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed ¾ the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees. Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information.

**Importance of Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversion section of this label).

**Controlling Droplet Size**

**Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

**Pressure** - Use the lower spray pressures recommended for the nozzles. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**Number of nozzles** - Use the minimum number of nozzles that provide uniform coverage.

**Nozzle Orientation** - Orienting nozzles so that the spray is released backwards, parallel to the airstream will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.

**Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.

**Boom Length** - For some use patterns, reducing the effective boom length to less than ¾ of the wingspan or rotor length may further reduce drift without reducing swath width.

**Application** - Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

**Swath Adjustment**

When applications are made with a cross-wind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath displacement distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

**Wind**

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Applications should be avoided below 2 mph due to variable wind direction and high inversion potential. Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

**Temperature and Humidity**

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

**Temperature Inversions**

Application should not occur during a temperature inversion, because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are exacerbated by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source such as an aircraft smoke generator. Smoke that lingers and moves laterally in a connected cloud (under low wind conditions) indicates an inversion, while smoke that moves upwards and rapidly dissipates indicates good vertical air mixing.

**Sensitive Areas**

The pesticides should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). Ensure uniform application - to avoid streaked, uneven or overlapped application, use appropriate marking devices.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills.

**Boom Equipment**

For control of weed or brush species listed in this label using conventional boom equipment - Use the recommended pipelines of this product and surfactant in 3 to 30 gallons of water per acre as a broadcast spray, unless otherwise specified. See the "WEEDS CONTROLLED" section of this label for specific rates. As density of vegetation increases, sprayer speed should be increased near the interior side of the strips to ensure complete coverage. Carefully select correct nozzle to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

**SPRINKLER IRRIGATION APPLICATION**

BROCLEAN can be applied through sprinkler irrigation systems to barley, oats, rye, triticale, wheat, field corn, popcorn, and grain sorghum. Sprinkle irrigation systems should be turned on to provide complete coverage. See the Aerial Drift Reduction Advisory Information.

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation system to prevent water source contamination from backflow.
2. The pesticide injection pipelines 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 interior side of the strip to prevent complete coverage of the field.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump stops.
5. 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 over the area intended for treatment.
8. Agitation is recommended in the pesticide supply tank when applying the BROCLEAN.
9. BROCLEAN should be applied continuously during the duration of the water application with center pivot and continuous lateral move systems. Application of BROCLEAN 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 BROCLEAN is diluted in the supply tank, fill the tank with half of the water amount desired, add the BROCLEAN and then add remaining water amount with agitation. Always dilute with at least 4 parts water to 1 part BROCLEAN.
13. Start the sprinklers and then inject BROCLEAN into the irrigation line. BROCLEAN should be injected with a positive displacement pump into the main line at least 8 feet ahead of a right angle turn to ensure proper mixing. Refer to the BROCLEAN 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 prod-
uct 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 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 spe-
dialists, 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.

CULTIVATION
When properly utilized, timely cultivations of row crops may aid overall weed control
efforts as well as crop growth. However, cultivation BEFORE or DURING BROCLEAN
applications may place target weeds under stress, resulting in erratic weed control.
Whenever BROCLEAN is being utilized in an overall weed control program, plan to post-
pone any anticipated cultivations until 5-7 days after application to ensure best perform-
ance.

GENERAL WEED LIST
Postemergence application of BROCLEAN will control the following weeds when
sprayed in the crop row during the seedling stage. Maximum weed stage of growth is listed under RECOM-
MENDED USES for each crop.

MOST SUSCEPTIBLE WIDLEAF WEED SPECIES
Annual Souther (Sonchus oleraceus)
Black Nightshade (Solanum nigrum)
Blue Mustard (Chorispora tenella)
Bristy Starbur (Acanthospermum hispidum)
Coast Fiddleneck (Amsinckia intermedia)
Common Cocklebur (Xanthium strumarium)
Common Lambsquarters (Chenopodium album)
Common Tartweed (Hemizonia congesta)
Cutleaf Nightshade (Solanum triflorum)
Eastern Black Nightshade (Solanum ptycanthum)
Field Pennyress (Thlaspi arvense)
Green Swampweed (Polygonum acuminatum)
Hairy Nightshade (Solanum sarcanoides)
Jimsonweed (Datura stramonium)
Ladystrum (Polygonum persicaria)
Lanceleaf sage (Salvia reflexa)
Pennysivantis Smartweed (Polygonum pensylvanicum)
Pepperweed spp. (annual) (Lepidium sp.)
Shepherdspurse (Capsella bursa-pastoris)
Silverleaf Nightshade (Solanum elaeagnifolium)
Tartary Buckwheat (Fagopyrum tataricum)
\*Sunflower (Helianthus annus)
Wild Buckwheat (Polygonum convolvulus)

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

SUSCEPTIBLE WIDLEAF WEED SPECIES
Buffalobur (Solanum rostratum)
Burcucumbar (Sicyos anguinus)
Common Groundsel (Senecio vulgaris)
Common ragweed (Ambrosia artemisiifolia)
Corn Chamomile (Anthemis arvensis)
Corn Gromwell (Lithospermum arvense)
Cow Cockle (Saponaria vaccaria)
Giant Ragweed (Ambrosia trifida)
Hemp Sesbania (Sesbania exaltata)
Hyssop morning glory (Ipomoea hederacea)
Knapwe (Scleranthus annus)
\*Kochia (Kochia scoparia)
London Rocket (Styrianium ino)
Mayweed (Anthemis cotula)
Pitted morning glory (Ipomoea lacunosa)
Prostrate Knotweed (Polygonum aviculare)
Puncturevine (Tridax bursa-pastoris)
Redroot Pigweed (Amaranthus retroflexus)
Russian Thistle (Salsola kali)
\*Spiny Pigweed (Amaranthus spinosus)
Tall Morning glory (Ipomoea purpurea)
\*Tall Waterhemp (Amaranthus tuberculatus)
Tumble mustard (Sisymbrium altissimum)
Valerian (Abutilon theophrasti)

VENICE MALLOW (Hibiscus trionum)
Wild Mustard (Sinapis arvensis)
Wild Radish (Raphanus raphanistrum)
Yellow Starthistle (Centaurea solitaria)

\*For effective control, these weeds should not exceed the 4 leaf stage or 2 inches in
height, whichever comes first.

WEED SUPPRESSION
BROCLEAN suppresses the growth of Canada thistle (Cirsium arvense) by burning
down top growth. Regrowth may occur.

CALIFORNIA REGISTRATIONS
Only the following recommendations referenced in this label are registered for use in
California: seeding allfafa, small grains (wheat, barley, oats, rye and triticale), flax, corn
(post emergence application only), sorghum (post emergence application only), onions,
garlic; chemigation in seeding allfafa, barley, oats, rye, triticale, wheat, onions and garlic;
2,4-D and MCPP tank mixtures in barley, oats, rye, triticale, wheat; 2,4-D and atrazine
Mixtures in corn and sorghum; 2,4-D-DB tank mixture in seeding allfafa; grass for seed
and seed production, non-residential turfgrass; and non-cropland and industrial sites. All
applications must be made with a minimum spray volume of 10 GPA by ground or 6 GPA
by air equipment.

SPECIFIC CROP RECOMMENDATIONS
CEREAL GRAIN CROPS
Corn (Field and Pop.), Sorghum (Grain and Forage) and Sudangrass
Wheat, Barley, Oats, Rye and Triticale

FORAGE, FIBER AND SPECIALTY CROPS
Aflats (Seeding)
Flax
Garlic
Mint (Established Peppermint and Spearmint)
Onions

GRASS CROPS
Conservation Reserve Program (CRP) Areas
Grass Grown for Seed or Seed Production
Non-Residential Turfgrass

NON-CROPLAND
Noncropland and Industrial Sites

CEREAL GRAIN CROPS CORN (FIELD AND POP.), SORGHUM (GRAIN AND FORAGE)
AND SUDANGRASS BROCLEAN RECOMMENDATIONs APPLICATION TIMING AND SPECIFIC COMMENTS

PRODUCT RATE CROP WEEDS
BROCLEAN Preemergence 1-1.5 pints/A Apply to corn or sorghum before planting until just prior to crop emergence. See CORN AND SORGHUM APPLICATION RATE TABLE - BROCLEAN for list of weeds and corresponding stages of growth that are controlled by BROCLEAN at recommended rates of application. For control of additional weeds not listed in the rate table see the General Weed List.

1 pint/A Apply to corn after emergence but prior to tassel emergence. Apply to sorghum and sudangrass between the 3 leaf stage but prior to the preboot stage (growth stage 4a).

1 1/2 pints/A Apply to corn between the 4 leaf stage and prior to tassel emergence. Apply to sorghum and sudangrass between the 4 leaf stage and prior to preboot stage (growth stage 4a).

2 pints/A Apply to field corn only between the 4 leaf stage but prior to tassel emergence. WARNING: DO NOT APPLY THE 2 PINTS/A RATE OF BROCLEAN ALONE OR IN TANK MIXTURES TO SORGHUM.

Use the 2 pints/A rate on corn to control susceptible weeds that are growing under less
than optimum conditions and where BROCLEAN + atrazine tank mixtures cannot be used.
BROCLEAN®
EPA REG. NO. 34704-891

PRODUCT | RATE | CROP | WEEDS
---|---|---|---
BROCLEAN | Chemigation 2 pints/A only | Apply to corn after emergence but prior to tassel emergence. | Apply to MOST SUSCEPTIBLE broadleaf weeds up to the 8 leaf stage or 4 inches in height or 2 inches in diameter, whichever comes first. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, which ever comes first. Do not use chemigation for control of weeds that exceed 4 inches in height because control may be unacceptable.

CROPPING SUGGESTIONS
See MIXING, LOADING AND HANDLING INSTRUCTIONS section for complete details.

CORN AND SORGHUM APPLICATION RATE TABLE - BROCLEAN

WEED SPECIES 1 | 1 PINT/A | 1 to 2 PINTS/A 4
---|---|---
When determining leaf stage, count all leaves except cotyledonary leaves | Max. Leaf Stage | Max. Weed Height (inches) | Max. Leaf Stage | Max. Weed Height (inches)
Blank Nightshade (Solanum nigrum) | 6 | 8 | 6 | 8
Buffalobur (Solanum rostratum) | 4 | 2 | 6 | 4
Burcucumber (Sicyos angulatus) | - | - | 4 | -
Common (Xanthium strumarium) | 6 | 8 | 8 | 10
Cocklebur (Xanthium strumarium) | - | - | 8 | -
Lambsquarters (Chenopodium album) | - | - | 6 | -
Common Ragweed (Ambrosia artemisiifolia) | 6 | 4 | 6 | 6
Eastern Black Nightshade (Solanum pycnanthum) | 6 | 6 | 6 | 6

Glant Ragweed (Ambrosia glant) | 6 | 4 | 6 | 6
Hemp Sedania (Sesitania esdracta) | - | - | 4 | -
Ivy Leaf (Ipomoea hederacea) | 3 | 3 | 4 | 4
Morning Glory | - | - | - | -
Jimsonweed (Datura stramonium) | 4 | 4 | 6 | 6
Kochia (Kochia scoparia) | - | - | - | 2
Ladybug Earthworm (Polygnum pensylvacianum) | 4 | 4 | 6 | 6
Pennsylvania Smartweed (Polygonum pensylvacianum) | 4 | 4 | 6 | 6
Pitted Morning Glory | - | - | - | -
Redroot Pigweed 3 (Amaranthus retroflexus) | - | - | 4 | 2
Spring Pigweed 3 (Amaranthus spinosus) | - | - | 4 | 2
Surfflower (Helianthus annuus) | 4 | 6 | 6 | 8
Tall Morning Glory (Ipomoea purpurea) | 3 | 3 | 4 | 4
Tall Waterhemp 3 (Amaranthus tuberculatus) | 3 | 3 | 4 | 4
Velvetleaf (Abutilon theophrasti) | 4 | 3 | 6 | 5
Venice Mallow (Hibiscus trionum) | - | - | 4 | 2
Wild Buckwheat (Polygonum convolvulus) | 4 | 6 | 6 | 8
Wild Mustard (Sinapis arvensis) | - | - | 4 | 4

WEEDS SUPPRESSED 2
Canola (Cirsium arvensis) | Not Recommended | 8 inch to 12 stage

1 When determining leaf stage, count all leaves except cotyledonary leaves.
2 BROCLEAN suppresses the growth by burning down of top growth. Regrowth may occur.
3 Control of pigweeds in the high plains areas of Texas and Oklahoma may not be satisfactory with BROCLEAN. Repeat applications may be necessary to achieve satisfactory control.
4 Do not apply BROCLEAN at the 2 pints/A rate to sorghum.

BROCLEAN TANK MIXTURE RECOMMENDATIONS APPLICATION TIMING AND SPECIFIC COMMENTS

PRODUCT | RATE | CROP | WEEDS
---|---|---|---
BROCLEAN | Promergerance 4 | Apply to corn or sorghum before planting until just prior to crop emergence. | See CORN AND SORGHUM APPLICATION RATE TABLE - BROCLEAN + ATRAZINE TANK MIXTURES for list of weeds and corresponding stages of growth that are controlled by BROCLEAN + Atrazine tank mixtures at recommended rates of application. For control of additional weeds not listed in the rate table see the General Weed List.

+ | ¼-1 pints/A | Apply to corn after emergence but before corn is 12 inches tall.
+ | ½-1½ lb ai/A | Apply to sorghum after the 3 leaf stage but prior to the prebloom stage (growth stage 4) or 12 inches in height, whichever comes first.

+ | ⅜-1½ lb ai/A | Apply to corn between the 4 leaf stage and before corn is 12 inches tall.
+ | ½-1½ lb ai/A | Apply to sorghum between the 4 leaf stage but prior to the prebloom stage (growth stage 4) or 12 inches in height, whichever comes first.

+ | ½-1½ lb ai/A | Apply to corn after emergence but before corn is 12 inches tall.
+ | ½-1½ lb ai/A | Apply to sorghum after the 3 leaf stage but prior to the prebloom stage (growth stage 4) or 12 inches in height, whichever comes first.
WEED SPECIES 1

When determining leaf stage, count all leaves except cotyledon leaves.

AATRIZATION CONVERSION TABLE 2

<table>
<thead>
<tr>
<th>ATRAZINE FORMULATION</th>
<th>ATRAZINE RATE</th>
<th>POUNDS OF ACTIVE INGREDIENT PER ACRE</th>
<th>ATRAZINE FORMULATION RATE PER ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atrazine 4L 1/2</td>
<td>1 pint A</td>
<td>1 pint A</td>
<td></td>
</tr>
<tr>
<td>Atrazine 80WP 1%</td>
<td>1/2 % Pints</td>
<td>1/2 % Pints</td>
<td></td>
</tr>
<tr>
<td>Atrazine 90 7/8</td>
<td>1 7/8 Pound</td>
<td>1 7/8 Pound</td>
<td></td>
</tr>
</tbody>
</table>

SPECIAL USE DIRECTIONS FOR OTHER WEED PROBLEMS IN CORN AND SORGHUM

Large Common Cocklebur, Common Lambsquarters and Sunflower

Canada Thistle Management

For effective management of Canada thistle, the following BROCLEAN treatments should be applied to thistles from 8" to the bud stage for in-season burndown of top growth:

BROCLEAN at 1 1/2 - 2 pints A/BROCLEAN at 1 1/2 - 1 1/2 lbs a I/A.

BROCLEAN at 1 - 1 1/2 pints A/Rifle® or Clarity® at 1/2 - 1 pint A

BROCLEAN at 1 1/2 pints A/atrazine at 1 1/2 - 1 1/2 lbs a I/A/Rifle or Clarity at 1/2 - 1/2 pint A

BROCLEAN at 1 1/2 pints A + 2,4-D at 1/2 - 1/2 lb a I/A

BROCLEAN at 1 1/2 pints A/atrazine at 1 1/2 - 1 1/2 lbs a I/A + 2,4-D at 1/2 - 1/2 lb a I/A

If possible follow with cultivation 14-21 days after treatment. In the fall apply 2,4-D (such as Weedone® 638). Rifle, Clarity or glysophate (Maxazor®) at recommended rates to Canada thistle 4-8 inches tall prior to killing frost. Follow with a similar control program in next year’s rotational crop.

ADDITIONAL BROCLEAN TANK MIXTURE APPLICATION TIMING AND SPECIFIC COMMENTS

PRODUCT RATE CROP WEEDS

BROCLEAN 1 pint A Apply to field corn after emergence and before corn is 36 inches tall or 15 days before tassel emergence, whichever comes first.

Rifle 1/2-1/2 pint A

Apply to sorghum between the 3 leaf stage and prior to the preboot stage (growth stage-9) or 15 inches in height, whichever comes first.

Do not apply in the boot stage. Use drop nozzles if crop is taller than 8 inches.
<table>
<thead>
<tr>
<th>PRODUCT</th>
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<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + atrazine + 2,4-D (such as WEEDONE® and WEEDAR® Brand HERBICIDE)</td>
<td>1 pint/A + 1-1/2 lb ai/A + 1 q/t 100 gal of water (0.25% v/v)</td>
<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved pigweed and kochia control. For Canada thistle burn-down and field bindweed suppression up to the midtoom stage, use 1/2 to 1 lb a.i./A of 2,4-D with BROCLEAN.</td>
</tr>
<tr>
<td>BROCLEAN + 2,4-D (such as WEEDONE® and WEEDAR® Brand HERBICIDE)</td>
<td>1 pint/A + 1-1/2 lb ai/A</td>
<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved pigweed and kochia control. For Canada thistle burn-down and field bindweed suppression, use 1/2 to 1 lb ai/A of 2,4-D with BROCLEAN.</td>
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<td>BROCLEAN + atrazine + 2,4-D (such as WEEDONE® and WEEDAR® Brand HERBICIDE)</td>
<td>1 pint/A + 1-1/2 lb ai/A + 1 q/t 100 gal of water (0.25% v/v)</td>
<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
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<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
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<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
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<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved pigweed and kochia control. For Canada thistle burn-down and field bindweed suppression, use 1/2 to 1 lb ai/A of 2,4-D with BROCLEAN.</td>
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<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved pigweed and kochia control. For Canada thistle burn-down and field bindweed suppression, use 1/2 to 1 lb ai/A of 2,4-D with BROCLEAN.</td>
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<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved pigweed and kochia control. For Canada thistle burn-down and field bindweed suppression, use 1/2 to 1 lb ai/A of 2,4-D with BROCLEAN.</td>
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<td>Apply to field corn after emergence and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved pigweed and kochia control. For Canada thistle burn-down and field bindweed suppression, use 1/2 to 1 lb ai/A of 2,4-D with BROCLEAN.</td>
</tr>
<tr>
<td>PRODUCT</td>
<td>RATE</td>
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<td>WEEDS</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>BROCLEAN + Exceed® + non-ionic surfactant</td>
<td>1/4-1 pint/A + 0.5-1.0 oz/A + 1 qt/100 gal. of water (0.25% v/v)</td>
<td>Apply to field corn from 4 to 8 inches in height before tillage. Do not apply this tank mix to sorghum.</td>
<td>All weeds controlled by BROCLEAN at recommended rates of application plus improved control of velvetleaf and pigweed species.</td>
</tr>
<tr>
<td>BROCLEAN + Permit® + non-ionic surfactant</td>
<td>1 pint/A + 1/2-3/4 oz/A + 1 qt/100 gal. of water (0.25% v/v)</td>
<td>Apply to field corn from the 3 leaf stage to taysoy. Do not apply this tank mix to sorghum.</td>
<td>All weeds controlled by BROCLEAN at recommended rates of application plus improved control of Canada thistle burnout.</td>
</tr>
<tr>
<td>BROCLEAN + Stinger®</td>
<td>1 1/2 pint/A + 1/2-3/4 pint/A</td>
<td>Apply to field corn after emergence up to 4 leaf stage up to 24 inches in height. Do not apply this tank mix to sorghum.</td>
<td>All weeds controlled by BROCLEAN at recommended rates of application plus improved control of Canada thistle burnout.</td>
</tr>
<tr>
<td>BROCLEAN + atrazine + Stinger®</td>
<td>1 pint/A + 1/2-1 1/2 lb ai/A + 1/2-3/4 pint/A</td>
<td>Apply to field corn after emergence and before corn is 12 inches tall. Do not apply this tank mix to sorghum.</td>
<td>All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved control of Canada thistle burnout.</td>
</tr>
<tr>
<td>BROCLEAN + Pursuit® + non-ionic surfactant + UAN fertilizer solution</td>
<td>1/4-1 pint/A + 4 ounces/A + 1 qt/100 gal. + 1-2 gts/A</td>
<td>Apply this tank mix only on field corn hybrids possessing resistance to Pursuit herbicides. Contact your seed supplier for further information. Apply this tank mix to corn between the 3 leaf to 8 leaf stage of growth. Do not use crop oil concentrates when applying BROCLEAN + Pursuit tank mixtures.</td>
<td>This tank mix will control all broadleaf weeds listed as controlled by BROCLEAN at 1/4-1 pint/A plus giant foxtail, redroot pigweed, and other grass and broadleaf weeds listed on the Pursuit label.</td>
</tr>
</tbody>
</table>

**APPLICATION TIMING AND SPECIFIC COMMENTS**

<table>
<thead>
<tr>
<th>PRODUCT</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + glyphosate (Makaze)</td>
<td>1-1 1/2 pint/A + 1 1/3-3 pt/A</td>
<td>Apply to corn or sorghum before planting time up to just prior to crop emergence.</td>
<td>All weeds controlled by BROCLEAN at recommended rates of application plus control of certain grass and perennial weeds.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS AND PRECAUTIONS:** Corn (Field and Pop), Sorghum (Grain and Forage) and Sudangrass
- BROCLEAN does not control grasses. Therefore, it is recommended that a suitable grass control program be used to provide any required grass control.
- Addition of a spray adjuvant or mixture with liquid fertilizers may cause excessive crop leaf burn.
- Seed corn producers should consult the respective seed corn company regarding tolerance of certain seed production inbred lines to BROCLEAN.
- Do not apply BROCLEAN postemergence to seed corn inbreds or popcorn prior to the 3 leaf stage of crop growth as excessive crop leaf burn may occur.
- Do not plant rotational crops until the following season.
- Do not cut corn for feed, fodder or grain within 30 days of application.
- The total cumulative rate may not exceed 0.5 lb at bromoxynil/A (2 pts. Broadan A).
- Postemergence application prior to the 3 leaf growth stage of corn or sorghum may result in increased crop leaf burn.
- Tank mixtures with Acontion/non-ionic surfactant or Beacon/non-ionic surfactant may result in increased initial crop leaf burn. Use of crop oil concentrate, nitrogen fertilizer solution or other adjuvants in BROCLEAN + Accent or BROCLEAN + Beacon tank mixtures may result in a further increase in crop leaf burn.
- Special care should be taken when using BROCLEAN, Rite, Clarity or 2,4-D tank mixtures to avoid off target drift to sensitive crops.
- Tank mixtures with 2,4-D, Rite, or Clarity can cause stalk brittleness to field corn.
- Tank mixtures with 2,4-D and Rite can cause stalk brittleness to sorghum. Winds or cultivation may cause breakage while crop is brittle.
- Follow all restrictions and precautions on the label of all products used in tank mixture with BROCLEAN.
- Do not apply BROCLEAN at any rate to sorghum after the preboot stage of growth (growth stage 4) as severe crop injury, including loss of crop yield may result.
- Do not apply the 2 pint/A rate of BROCLEAN to sorghum.
- Do not apply the BROCLEAN + Pursuit tank mix to field corn hybrids known to possess resistance to Pursuit, or severe crop injury may result.

**WHEAT, BARLEY, OATS, RYE AND TRITICALE BROCLEAN RECOMMENDATIONS**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1 - 2 pint/A</td>
<td>Spring seeded wheat, barley, oats, rye and triticale. Use in all states except Idaho, Oregon, Washington, Colorado, Wyoming and Montana. Apply from emergence up and prior to the boot stage.</td>
<td>Apply 1 pint/A to MOST SUSCEPTIBLE and 1 1/2 pint/A to SUSCEPTIBLE weeds that do not exceed the 4 leaf stage or 2 inches in height, which ever comes first. If weed forms rosettes, apply before weeds exceed 1 inch in diameter. Use BROCLEAN at 1/2 pint/A for control of kochia that is 2-4 inches in height and pigweed that does not exceed the 4 leaf stage or 2 inches in height, whichever comes first. Apply to MOST SUSCEPTIBLE weeds (see General Weed List) up to the 8 leaf stage or 4 inches in height, which ever comes first. If weed forms rosettes apply before weeds exceed 2 inches in diameter. Apply to SUSCEPTIBLE weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
</tr>
</tbody>
</table>
### BROCLEAN®
**EPA REG. NO. 34704-891**

#### APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
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<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td></td>
<td></td>
<td><strong>Apply to wheat, barley, oats, rye and triticale from emergence to the boot stage. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only.</strong></td>
</tr>
<tr>
<td>+ Finessée® + nonionic surfactant</td>
<td>1-1½ pints/A + 1 qt/100 gal. of water</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
</tr>
<tr>
<td>+ Amber® + nonionic surfactant</td>
<td>1-1½ pints/A + 0.25-0.5% v/v + 1 qt/100 gal. of water</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
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#### BROCLEAN TANK MIXTURE RECOMMENDATIONS

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + 2,4-D (such as WEEDONE or WEEDAR brand HERBICIDE)</td>
<td>1-2 pints/A + 1/4-½ lb ai/A</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
</tr>
<tr>
<td>+ MCPA (such as RHINOX® or RHOMEX®)</td>
<td>1-2 pints/A + 1/4-½ lb ai/A</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
</tr>
<tr>
<td>+ Rifle</td>
<td>1-1½ pints/A + 1/4-½ lb ai/A</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
</tr>
<tr>
<td>+ Glean® + nonionic surfactant</td>
<td>1/4-1½ pints/A + 1/4-1½ lb ai/A + 1 qt/100 gal. of water</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
</tr>
<tr>
<td>+ Ally® + nonionic surfactant</td>
<td>1-1½ pints/A + 1/4-1½ lb ai/A + 1 qt/100 gal. of water</td>
<td>Winter wheat, Apply after crop is in the 2 leaf stage and before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.</td>
<td>This tank mix improves control of broadleaf weeds such as redroot pigweed, hairy mustard, and Canada thistle. Apply to annual broadleaf weeds up to the 4 leaf stage, 4 inches tall or across and to Canada thistle, wild buckwheat, and wild yam to 8 inches tall with 2 to 6 inches of new growth.</td>
</tr>
</tbody>
</table>

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**BROCLEAN®**  
EPA REG. NO. 34704-891

**BROCLEAN TANK MIXTURE RECOMMENDATIONS**  
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + Tiller®</td>
<td>1 pint/A + 1 pint/A</td>
<td>Spring wheat. Apply when crop begins to tiller (3-4 leaf stage) up to the 6 leaf stage. Refer to the Tiller label for complete use directions and restrictions.</td>
<td>In addition to broadleaf weeds controlled by BROCLEAN, this tank mix will control green foxtail from the 2-leaf to 2-tiller stage of growth.</td>
</tr>
<tr>
<td>BROCLEAN + Hoeleon® + 2½ pints/A</td>
<td>2½ pints/A</td>
<td>Spring barley. After emergence and before jointing. Avoid using this tank mixture on barley exposed to cold (lower than 40 degrees F) and/or prolonged wet weather conditions as crop injury may result.</td>
<td>This tank mix will provide wild oat, green foxtail and annual ryegrass control in addition to broad-leaves. Applicable to grasses 1-3 leaf stage and broadleaves no larger than 4 leaf stage or rosettes of 1.5 inches in diameter.</td>
</tr>
<tr>
<td>BROCLEAN + Hoeleon + crop oil concentrate</td>
<td>1-2 pints/A + 2-2½ pints/A + 1-2 pints/A</td>
<td>Winter wheat and spring wheat. After emergence and before jointing. Use a minimum of 10 gallons of spray volume per acre.</td>
<td>DO NOT USE ON BARLEY</td>
</tr>
<tr>
<td>BROCLEAN + Average™</td>
<td>1-2 pints/A + 2½-4 pints/A</td>
<td>Winter wheat. Four leaf to tillering stage. Refer to Average label for varietal and other restrictions.</td>
<td>This tank mix will provide wild oat control in addition to broadleaves. Apply to wild oats in the 3-5 leaf stage and broadleaves that do not exceed the 4 leaf stage or rosettes of 1.5 inches in diameter.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Spring wheat. Five to 6 leaf stage. Refer to Average label for varietal and other restrictions.</td>
<td>Average use rates per acre are 2.5 pints (1-10 oats per sq ft), 3 pints (11-25 oats per sq ft) or 4 pints (more than 25 oats per sq ft).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barley. Two to 7 leaf stage.</td>
<td></td>
</tr>
</tbody>
</table>

**FORAGE, FIBER AND SPECIALTY CROPS**  
**ALFALFA (SEEDLING)**  
**BROCLEAN RECOMMENDATIONS**  
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-1½ pints/A</td>
<td>In the states of California, Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, New Mexico, and the western halves of North Dakota, South Dakota, Nebraska and Kansas. Apply in the fall or spring to seeding alfalfa when the majority of the field has a minimum of 2 trifoliate leaves. Unacceptable crop injury may occur to alfalfa seedlings less than the 2 trifoliate stage. BROCLEAN applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury. In the remaining states apply in the fall or spring to seeding alfalfa when the majority of the field has a minimum of 4 trifoliate leaves. When alfalfa stand is uneven and conditions favor leafburn, unacceptable crop injury may occur to alfalfa in the 2 trifoliate or smaller stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN applications made when temperatures are expected to exceed 70°F at and 3 days following application can result in unacceptable crop injury.</td>
<td>Apply 1 pint/A to MOST SUSCEPTIBLE broadleaf weeds and 1½ pints/A for SUSCEPTIBLE broadleaf weeds (See General Weed List) when weeds do not exceed 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first. BROCLEAN will not adequately control over-wintered penny- cress, herb-bit and mustards.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS AND PRECAUTIONS:** Small Grains (Wheat, Barley, Oats, Rye and Trifoliate)

- Do not graze treated fields within 45 days following treatment.
- Do not apply when crops are under moisture stress.
- Do not apply when crop canopy covers the weeds as poor weed control will result.
- Do not apply when underseeded alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carry-over or application.
- Do not add a surfactant or crop oil when applying to underseeded alfalfa or increased injury will occur.
- Do not cut for feed or freeze sensitive spring treated underseeded alfalfa within 30 days following treatment.
- Do not cut for feed or grain fall or winter treated underseeded alfalfa until spring, at least 60 days following treatment.
- 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 of additional restrictions and precautions.
- Do not plant rotational crops until the following use season.
- The total cumulative rate must not exceed 0.5 lb ai bromoxynil/A (2 pints Broclene/A).

| BROCLEAN | Chemigation Only | 2 pints/A | Apply to seeding alfalfa with a minimum of 2 trifoliate leaves. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See MIXING LOADING AND HANDLING INSTRUCTIONS Section for complete details. BROCLEAN applications made when temperatures are expected to exceed 85°F at and 3 days following application can result in unacceptable crop injury. | Apply to MOST SUSCEPTIBLE broadleaf weeds up to the 6 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first. |
### BROCLEAN®

**EPA REG. NO. 34704-891**

#### APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + BUTYRAC® 200 (2:4-OH)</td>
<td>1 pint/A + 3 oz/A (5 gal/sq. ft.)</td>
<td>Alfalfa, clover, Canada thistle, common corn, dandelion, daisy fleabane, English bindweed, field bindweed, goldenrod, knotweed, lambsquarters, lamb’s-quarters, leafy spurge, morning glory, parthenocissus, pink morning glory, pigweed, ragweed, redroot pigweed, stitchwort, sorrel, spurge, thistle, teasel, yellow dock</td>
<td></td>
</tr>
</tbody>
</table>

- Apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliate leaves. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa in the 2 trifoliate or smaller stage of growth. If you are unsure of growth stage conditions, contact your local extension service.
- In the states of California, Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, and the western halves of North Dakota, South Dakota, Nebraska and Kansas, BROCLEAN applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury. Thereafter, BROCLEAN application made when temperatures are expected to exceed 70°F at and 3 days following application can result in unacceptable crop injury. Rainfall or overhead irrigation within 7-10 days following a BUTYRAC® application can cause unacceptable crop injury.

| BROCLEAN + Pursuit® | 1/4 pint/A + 3-6 oz/A | Alfalfa, clover, Canada thistle, common corn, dandelion, daisy fleabane, English bindweed, field bindweed, goldenrod, knotweed, lambsquarters, lamb’s-quarters, leafy spurge, morning glory, parthenocissus, pink morning glory, pigweed, ragweed, redroot pigweed, stitchwort, sorrel, spurge, thistle, teasel, yellow dock |

- Apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliate leaves. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa in the 2 trifoliate or smaller stage of growth. If you are unsure of growth stage conditions, contact your local extension service.
- In the states of California, Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, and the western halves of North Dakota, South Dakota, Nebraska and Kansas, BROCLEAN applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury. Rainfall or overhead irrigation within 7-10 days following a BUTYRAC® application can cause unacceptable crop injury.

### RESTRICTIONS AND PRECAUTIONS: Alfalfa (Seeding)

- Crop leaf burn can occur following BROCLEAN application. Warm, humid conditions may enhance leaf burn. New crop growth will not be affected. Alfalfa yield should not be reduced although total biomass tonnage may decrease compared to a weed-free field due to weed removal.
- Do not apply when alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carrier or application.
- Do not add a surfactant or crop oil unless specified in the use directions because increased alfalfa yield will occur.
- Do not cut for feed or graze fall or winter treated alfalfa until spring, at least 60 days following treatment.
- The cumulative rate of BROCLEAN may not exceed 0.5 lb ai iron oxonate/ha (2.5% Broxinate).
- The use of Eptan™ preemergence may enhance crop leaf burn from postemergence application of BROCLEAN and should be considered prior to using BROCLEAN.
- Follow all restrictions and precautions on the tank mix application label when using a BROCLEAN tank mix is used.
- Tank mixture with 2:4-OH may result in unacceptable crop leaf burn especially under warm, humid weather conditions.
- BROCLEAN alone can be applied to seedling alfalfa that has been undersowed into barley, oats, rye, triticale, wheat that include wheat, barley, oats, rye and triticale. See application restrictions under the BARLEY, OATS, RYE, TRITICALE, WHEAT SECTION.
- Rainfall or overhead irrigation within 7-10 days following BUTYRAC® 200 application can cause unacceptable crop injury.

### FLAX (Linum usitatissimum only)

#### BROCLEAN RECOMMENDATIONS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1 pint/A</td>
<td>Flax</td>
<td>Flax</td>
</tr>
</tbody>
</table>

- Apply to flax that is 2 to 8 inches in height. Do not apply BROCLEAN 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, whenever comes first.

### BROCLEAN TANK MIXTURE RECOMMENDATIONS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + Poast</td>
<td>1 pint/A</td>
<td>Flax</td>
<td>Flax</td>
</tr>
<tr>
<td>+</td>
<td>1-1/2 pints/A</td>
<td>Flax</td>
<td>Flax</td>
</tr>
<tr>
<td>Crop oil, Calystegia or Dashe®</td>
<td>2 pints/A</td>
<td>Flax</td>
<td>Flax</td>
</tr>
</tbody>
</table>

- This tank mix will control broadleaf weeds that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whenever comes first.

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11
BROCLEAN®
EPA REG. NO. 34704-891

RESTRICTIONS AND PRECAUTIONS: Flax (Linum usitatissimum only)
• 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 BROCLEAN application to flax grown on high organic, peat type soils.
• Application under high humidity conditions can injure flax.
• Unless otherwise instructed, do not apply BROCLEAN with crop oil concentrate, surfactants or nitrogen solutions.
• Do not use on ornamental flax.
• Follow all precautions, directions and restrictions on the Poast® label when using this tank mixture with BROCLEAN.
• Maximum 0.5 lb ai/A per season.
• Observe a minimum 30 day preharvest interval.

GARLIC
BROCLEAN RECOMMENDATIONS
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-2 pints/A</td>
<td>Apply to garlic after emergence and before 12 inches in height.</td>
<td>Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE weeds.</td>
</tr>
<tr>
<td>(Only for garlic grown in muck soils in Northwestern United States)</td>
<td>1-2 pints/A</td>
<td>Apply to garlic after emergence and before 12 inches in height.</td>
<td>*May be harvested 60 days after treatment.</td>
</tr>
</tbody>
</table>

PRECAUTIONS AND RESTRICTIONS: Garlic
• Use a minimum of 20 gallons per acre for ground application.
• BROCLEAN can be applied through automated sprinkler irrigation application.
• Do not harvest within 112 days following treatment (except garlic grown in muck soils in Northeastern United States).
• Maximum 0.5 lb ai/A per season.

MINT
ESTABLISHED PEPPERMINT AND SPEARMINT ONLY
BROCLEAN RECOMMENDATIONS
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-1½ pints/A</td>
<td>Apply to dormant or actively growing established peppermint or spearmint crops that exhibit good vigor.</td>
<td>Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE weeds that do not exceed the 4 leaf stage. 2 inches in height or 1 inch in diameter, whichever comes first.</td>
</tr>
<tr>
<td>Chemigation</td>
<td>2 pints/A only</td>
<td>Apply to dormant or actively growing established peppermint or spearmint crops that exhibit good vigor.</td>
<td>Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See MIXING, LOADING AND HANDLING INSTRUCTIONS section for complete details.</td>
</tr>
</tbody>
</table>

PRECAUTIONS AND RESTRICTIONS: Mint
• Application made to mint when temperatures are expected to exceed 70°F at or 5 days following application may result in unacceptable crop injury. This injury is more likely to occur following BROCLEAN application in the spring.
• Do not apply to mint growing under adverse conditions including diseases, insects, nematodes, high salt content soil, drought, excessive moisture, winter damage or other environmental stress.
• Application of BROCLEAN to mint should not be made within two weeks of a Sinbe® application or unacceptable crop injury may result.
• Do not use in spring on newly established mint. Fall applications to spring planted mint should be acceptable if the crop is well established.
• BROCLEAN can cause temporary stunting and discoloration of the mint particularly from the spring application. However, the injury symptoms are only temporary and have not caused yield reduction.
• Use of BROCLEAN in combination with other products may increase temporary stunting and discoloration.
• Do not harvest within 70 days following treatment.
• Do not apply more than 0.5 lb ai/A per acre to mint in a single growing season.

ONIONS
BROCLEAN RECOMMENDATIONS
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>Preemergence</td>
<td>Preemergence use restricted to onions east of the Mississippi River only on muck soils containing greater than 10% organic matter. Apply at least 3 to 4 days prior to emergence.</td>
<td>Apply BROCLEAN at 1 pint/A to control MOST SUSCEPTIBLE weeds and 1½ pints/A for SUSCEPTIBLE weeds. Weeds should not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
</tr>
</tbody>
</table>

PRECAUTIONS AND RESTRICTIONS: Onions
• The sensitivity of onions to BROCLEAN varies with the variety and environmental conditions. Therefore, even if all the label directions are followed, BROCLEAN application still may cause injury to onions under certain circumstances.
• Do not irrigate onions that have received a preemergence application of BROCLEAN for 2 days following application or within 3 days of crop emergence.
• Do not use BROCLEAN preemergence to onions grown west of the Mississippi River.
• Do not use BROCLEAN on onions grown under low light intensity, in areas such as Oregon, west of the Cascades.
• Do not treat onions damaged by sand, insects, or diseases.
• Do not apply postemergence applications of BROCLEAN to onions with aerial equipment.
• Do not add surfactant.
• Maximum 0.5 lb ai/A per season.
• Observe a minimum 30 day preharvest interval.
GRASS CROPS
CONSERVATION RESERVE PROGRAM (CRP) AREAS
BROCLEAN RECOMMENDATIONS
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE ACRE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-2 pints/A</td>
<td></td>
<td>Apply to grasses after emergence. If alfalfa is planted, apply after the 4 trifoliate leaf stage.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cherrigation 2 pints/A only</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Apply to grasses after emergence. If alfalfa is planted apply after the 4 trifoliate leaf stage. Apply through automated sprinkler irrigation systems with a 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 BROCLEAN.</td>
</tr>
</tbody>
</table>

RESTRICTIONS AND PRECAUTIONS:
- Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
- Do not add spray adjuvants or fluid fertilizers when applying BROCLEAN to CRP areas planted with alfalfa or other legumes.
- Do not apply BROCLEAN to CRP areas planted with alfalfa if temperatures are expected to exceed 80°F or severe crop injury may occur. If legumes other than alfalfa have been planted, severe crop injury may occur at any application temperature.
- Do not apply more than 1 1/2 pints/A of BROCLEAN to CRP areas that are underseeded with alfalfa.
- Maximum 0.5 lb ai/A per season.

GRASSES GROWN FOR SEED OR SOD PRODUCTION
BROCLEAN RECOMMENDATIONS
Seedling and Established Grasses
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE ACRE</th>
<th>RATE 1000 SQ. FT.</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>0.375 to 0.75 ft oz.</td>
<td>1 to 2 pints</td>
<td>Refer to the General Weed List for a listing of susceptible broadleaf weeds.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Optimal control will be attained when weeds are treated in the seeding stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).</td>
<td></td>
</tr>
</tbody>
</table>

NON-RESIDENTIAL TURFGRASS
BROCLEAN RECOMMENDATIONS
Seeding and Established Non-Residential Turfgrass
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate ACRE</th>
<th>Rate Per 1000 SQ. FT.</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN Cherrigation</td>
<td>0.75 ft oz.</td>
<td>Apply to established and newly seeded grasses 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 BROCLEAN.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cherrigation 2 pints only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Apply to grasses after emergence. If alfalfa is planted apply after the 4 trifoliate leaf stage. Apply through automated sprinkler irrigation systems with a 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 BROCLEAN.</td>
<td></td>
</tr>
</tbody>
</table>

RESTRICTIONS AND PRECAUTIONS:
- Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
- Do not apply BROCLEAN to grasses grown for seed or sod production with backpack or hand-held equipment.
- Maximum 0.5 lb ai/A per season.
### BROCLEAN®
EPA REG. NO. 34704-891

**NON-RESIDENTIAL TURFGRASS**

**BROCLEAN® TANK MIXTURE RECOMMENDATIONS**

Established Non-Residential Turfgrass

<table>
<thead>
<tr>
<th>RATE</th>
<th>APPLICATION TIMING AND SPECIFIC COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td><strong>Rate Per Acre</strong></td>
</tr>
<tr>
<td>BROCLEAN</td>
<td>2 Pints</td>
</tr>
<tr>
<td>+ MCPP</td>
<td>0.5 to 1.0 lb a.i.</td>
</tr>
<tr>
<td>+ Dicamba</td>
<td>0.125 to 0.25 lb a.i.</td>
</tr>
<tr>
<td>BROCLEAN + MCPP</td>
<td>2 Pints</td>
</tr>
<tr>
<td>+ 2,4-D</td>
<td>0.5 to 1.0 lb a.i.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS AND PRECAUTIONS:**
- Tank Mixture Recommendations Non-residential turfgrass
  - BROCLEAN/WEEDONE DPC tankmixturees are not allowed in California.
  - Do not allow livestock to graze in treated areas or feed treated grass to livestock.
  - Do not apply BROCLEAN to non-residential turf with backpack or hand-held equipment.
  - Maximum 0.5 lb ai/acre per season.

**NON-CROPLAND**

**NON-CROPLAND AND INDUSTRIAL SITES**

**BROCLEAN® RECOMMENDATIONS**

<table>
<thead>
<tr>
<th>RATE</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td><strong>Rate Per Acre</strong></td>
</tr>
<tr>
<td>BROCLEAN</td>
<td>2 Pints</td>
</tr>
</tbody>
</table>

**RESTRICTIONS AND PRECAUTIONS:**
- Non-Cropland and Industrial Sites
  - Do not allow livestock to graze in treated areas or feed treated plant material to livestock.
  - Additions of surfactant or crop oil concentrate may improve burndown of broadleaf weeds under cool, dry conditions.
  - Do not apply BROCLEAN to non-cropland and industrial sites with backpack or hand-held application equipment.
  - Maximum 0.5 lb ai/acre per season.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed by storage or disposal.
- **PESTICIDE STORAGE:** Do not store near fertilizers or seeds. Store at temperatures above 30°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 a licensed waste disposal facility. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinse). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural
But not limited to claims of breach of warranty or contract, negligence, strict liability, or other torts, shall be limited to one of the following, at the election of Loveland Products, Inc., and the seller: direct damages not exceeding the purchase price of the product or replacement of the product, to the extent consistent with applicable law, Loveland Products, Inc., and the seller shall not be liable to the buyer or user of this product for any consequential, special, or indirect damages, or damages in the nature of a penalty.

Atrazine 90, Furadan, Hoelon, MSR Spray Concentrate, Pounce and Warhawk are restricted use pesticides.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product’s label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD “AS IS,” AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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