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.

**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 a 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:** 1-800-301-7976.

**Note to Physician:** 1-800-301-7976.

**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.)

**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. Applicators and other handlers must wear: Coveralls over long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate or viton gloves, chemical resistant apron when cleaning equipment, protective eyewear, chemical resistant headgear for overhead exposure and 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 them. 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 requirements may be reduced or modified as specified in the WPS. If you will handle a total of 65 gallons or more of this product per day, you must use a mechanical transfer system for all mixing and loading operations. If this product is packaged in a 30 gallon drum, you must use a mechanical transfer system which terminates in a drip-free hard coupling which may be used only with a spray or mix tank which has been fitted with a compatible coupling. If you do not presently own or have access to a mechanical transfer system with this type of coupling, contact your dealer for information on how to obtain such a system or to modify your present system. When using a mechanical transfer system, do not remove or disconnect the pump or probe from the container until the container has been emptied and rinsed. The pump or probe system must be used to rinse the empty container and to transfer the rinsate directly to the mix- 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.
AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry 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 plant parts, soil, or water, includes 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 and protective eyewear.

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 an approved waste disposal facility. CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RETURNABLE — REFILLABLE CONTAINERS
After use, return the container to the point of purchase or designated locations. This container is compatible with BROCLEAN pesticide. DO NOT REUSE THIS CONTAINER FOR ANY OTHER PURPOSE. Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling 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 octanec acid 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, wheat, seeding alfalfa, flax, onions, garlic, mint (established peppermint and spearmint), Conservation Reserve Program (CRP) areas, 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 seedings. BROCLEAN is a systemic herbicide, therefore thorough coverage of the weed seedings 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 Vaccoy Rojo wheat, may not develop the crop canopy fast enough to shade the subsequent flushes of weeds. Occasional transitory leaf burn may occur. The temporary leaf burn is similar to that seen with liquid fertilizer. Because the activity of BROCLEAN is not systemic, recovery of the crop is usually rapid with no lasting effect. Frequency and amount of leaf burn may be greater when crops are stressed by abrasive winds, cool to cold evening temperatures or mechanical injury, such as that caused by hail, sleet or insect feeding. To reduce the potential for temporary leaf burn, applications should be made to dry foliage in the recommended spray volumes per acre when weather conditions are not extreme.

MIXING, LOADING AND HANDLING INSTRUCTIONS
2.5 Gallon Containers
It is strongly recommended that special care be taken in mixing and loading this product. Hands should be placed on the container in such a way as to avoid possible drip or splash.

30 Gallon and Bulk Containers
If you will handle a total of 60 gallons or more of this product per day, you must use a mechanical transfer system for all mixing and loading operations. If this product is packaged in a 30 gallon drum, you must use a mechanical transfer system which terminates in a drip-free hard coupling which may be used only with a spray or mxi tank which has been fitted with a compatible coupling. It also contains specific instructions and exceptions 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 and probe system must be used to rinse the empty container and to transfer the rinsate directly to the mixing or spray tank.

BROCLEAN ALONE: Fill the spray tank ¼ to ½ 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 another product, fill the spray tank ½ to ¾ 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 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>Triple Hefi</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>Lorsban®</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Malathion</td>
<td>Various</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Oxidemethion-methyl</td>
<td>Metasystox-F®</td>
<td>Sprayable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Permethrin</td>
<td>Pounce®</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Fenvalerate</td>
<td>Pydrin®</td>
<td>Emulsifiable Concentrate</td>
<td></td>
</tr>
<tr>
<td>Carbaryl</td>
<td>Sevin®</td>
<td>Sprayable, wettable powder or Flowable</td>
<td></td>
</tr>
<tr>
<td>Demeton</td>
<td>Systox®</td>
<td>Emulsifiable Concentrate</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 tank mixing with liquid fertilizer always add the fertilizer to the spray tank first and agitate thoroughly before adding BROCLEAN. Always predetermine the compatibility between 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 PROCEDURE:
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.

TYPE OF APPLICATION EQUIPMENT

<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>X</td>
</tr>
<tr>
<td>Sorghum (grain and forage)</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>small grains</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sorghum (forage) and Sudan grass</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Grass grown for seed or sod production</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Conservation Reserve Program (CRP) areas</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Non-residential turfgrass</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Non-cropland/industrial sites</td>
<td>X</td>
<td>X</td>
<td>X</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(3) 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. 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. Ground applications made when dry, dusty field conditions exist may provide reduced weed control in wheel track areas. Applications using less than 10 gal-

When spraying in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when condi-
tions are both hot and dry.

Temperature Inversions

Drift potential 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 direc-
tions due to the light variable winds common during inversions. Temperature inversions are characterized by increased 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 or aircraft smoke plumes that move laterally in a con-

Boom Equipment

For control of weed or brush species listed in this label using conventional boom equip-
ment - Use the recommended rates of this product and surfactant in 3 to 30 gallons of water per acre as a broadcast spray, unless otherwise specified. See the ‘WEEDS CON-
TRLED’ section of this label for specific rates. As density of vegetation increases, spray volume should be increased within the recommended range 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, trit-

cale, wheat, field corn, popcorn, and grain sorghum, onions, mint, grasses grown for seed or sod production, garlic, Conservation Reserve Program (CRP) areas and seedling alfalfa.

Apply BROCLEAN through sprinkler systems including center pivot, lateral move, side (wheel) roll, solid set or hand move irrigation systems only. If hand moved pipe is used for chemigation, the pipe must not be handled in any way until 24 hours after chemiga-
tion. Applications should not be made at a height greater than 10 feet above the ground or other overhead sprinkler systems. When applying by chemigation, no person may enter the application site unless in an enclosed vehi-
cle. Do not apply this product through any other type of irrigation system.

Specific Requirements For Application Through Automated Sprinkler Irrigation System

1. The system must contain a functional check valve, vacuum relief valve, and low
pressure drain appropriately located on the irrigation pipeline to prevent water
source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-

connection valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed,
solenoid-operated valve located on the intake side of the injection pump and
connected to the system interlock to prevent fluid from being withdrawn from the
supply tank when the irrigation system is either automatically or manually shut
down.
4. The system must contain functional interlocking controls to automatically shut off
the pesticide injection pump when the water pump motor 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 beyond the area intended for
treatment.
8. Application is recommended in the pesticide supply tank when applying the
BROCLEAN.
9. BROCLEAN should be applied continuously for 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 insure adequate mixing. Refer to the BROCLEAN label for detailed information on application rates and

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

GENERAL WEED LIST

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

MOST SUSCEPTIBLE BROADLEAF WEED SPECIES

Annual Sowthistle (Sonchus oleraceus)
Black Nightshade (Solanum nigrum)
Blue Mustard (Chorispora tenella)
Bristly Sturtburr (Acanthospermum hispidum)
Coast Fiddleneck (Amsinckia intermedia)
Common Cocklebur (Xanthium strumarium)
Common Lambsquarters (Chenopodium album)
Common Tarweed (Hemizonia congesta)
Cutleaf Nightshade (Solanum triflorum)
Eastern Black Nightshade (Solanum ptychanthum)
Field Pennycreas (Thlaspi arvense)
Green Smartweed (Polygonum scabrum)
Hairy Nightshade (Solanum sarachoides)
Jimsonweed (Datura stramonium)
Ladythistle (Polygonum persicaria)
Lanceleaf sage (Salvia reflexa)
Pennsylvania Smartweed (Polygonum pensylvanicum)
Pepperweed spp. (annual) (Lepidium spp.)
Shepherdspurse (Capsella bursa-pastoris)
Silverleaf Nightshade (Solanum elaeagnifolium)
Tartary Buckwheat (Fagopyrum tatoricum)
\(^1\)Sunflower (Helianthus annuus)
Wild Buckwheat (Polygonum convolvulus)

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

SUSCEPTIBLE BROADLEAF WEED SPECIES

Buffalobur (Solanum rostratum)
Burcucumber (Sicyos angulus)
Common Groundsel (Senecio vulgaris)
Common ragweed (Ambrosia artemisifolia)
Corn Chamomile (Anthemis arvensis)
Corn Gromwell (Lithospermum arvense)
Cow Checkle (Saponaria vaccaria)
Giant Ragweed (Ambrosia trifida)
Hemp Sesbania (Sesbania exaltata)
Ivyleaf morningglory (Ipomoea hederacea)
Knawel (Solananthus annus)
\(^2\)Kochia (Kochia scoparia)
London Rocket (Sisymbrium irio)
Mayweed (Anthemis cotula)
Pitted morningglory (Ipomoea lacunosa)
Prostrate Knotweed (Polygonum aviculare)
Puncture Vine (Tribulus terrestris)
\(^3\)Redroot Pigweed (Amaranthus retroflexus)
Russian Thistle (Salsola kali)
\(^4\)Spiny Pigweed (Amaranthus spinosus)
Tall Morningglory (Pomoea purpurea)
\(^5\)Tall Waterhemp (Amaranthus tuberculatus)
Tumble mustard (Sisymbrium altissimum)
Velvetleaf (Abutilon theophrasti)

\(^2\)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: seedling alfalfa, small grains (wheat, barley, oats, rye and triticale), flax, corn
(post emergence application only), sorghum (post emergence application only), onions,
garlic; chemigation in seedling alfalfa, barley, oats, rye, triticale, wheat, onions and garlic;
2,4-D and MCPA tank mixtures in barley, oats, rye, triticale, wheat; 2,4-D and atrazine
tank mixtures in corn and sorghum; 2,4-DB tank mixture in seedling alfalfa; grass for seed
and sod 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 5 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

 Alfalfa (Seedling)
 Flax
 Garlic
 Mint (Established Peppermint and Spearmint)
 Onions

GRASS CROPS

Conservation Reserve Program (CRP) Areas
Grass Grown for Seed or Sod 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

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>Preemergence 1-1½ pints/A</td>
<td>Apply to corn or sorghum before planting until prior to crop emergence.</td>
<td>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.</td>
</tr>
<tr>
<td>1 pint/A</td>
<td>Apply to corn after emergence but prior to tassel emergence.</td>
<td>Apply to sorghum and sudangrass between the 3 leaf stage but prior to the preboot stage (growth stage 4).</td>
<td></td>
</tr>
<tr>
<td>½ pint/A</td>
<td>Apply to corn between the 4 leaf stage and prior to tassel emergence.</td>
<td>Apply to sorghum and sudangrass between the 4 leaf stage and prior to preboot stage (growth stage 4).</td>
<td></td>
</tr>
<tr>
<td>2 pints/A</td>
<td>Apply to field corn only between the 4 leaf stage but prior to tassel emergence.</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>


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BROCLEAN®
EPA REG. NO. 34704-891

PRODUCT RATE CROP 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>Chemigation 2 pints/A only</td>
<td>Apply to corn after emergence but prior to tassel emergence.</td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Apply to sorghum and sudangrass after emergence but prior to preboot stage (growth stage 4).</td>
<td>Apply to corn after emergence but before corn is 12 inches tall. Apply to sorghum after the 3 leaf stage but prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first.</td>
</tr>
<tr>
<td></td>
<td></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>
<td></td>
</tr>
</tbody>
</table>

CORN AND SORGHUM APPLICATION RATE TABLE - BROCLEAN

<table>
<thead>
<tr>
<th>WEED SPECIES</th>
<th>1 Pint/A</th>
<th>1½ to 2 Pints/A²</th>
</tr>
</thead>
<tbody>
<tr>
<td>When determining leaf stage, count all leaves except cotyledonary leaves</td>
<td>Max. Leaf Stage</td>
<td>Max. Weed Height (inches)</td>
</tr>
<tr>
<td>Black Nightshade</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Buffalograss</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Burcucumber</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Common Cocklebur</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Common Lambsquarters</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Common Ragweed</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Eastern Black Nightshade</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Giant Ragweed</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Hemp Sesbania</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hvyeleaff</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Morningglory</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Jimsonweed</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ladysthumb</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Perreyviania</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Smartweed</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pitted Morningglory</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Redroot Pigweed</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Spiny Pigweed</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sunflower</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Tall Morningglory</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Tall Waterhemp</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Velvetleaf</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Venice Mallow</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Wild Buckwheat</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Wild Mustard</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

ATRAZINE TANK MIX RESTRICTIONS
Atrazine is a Restricted Use Herbicide. Due to ground water concerns, users must read and follow all precautionary statements and instructions on the atrazine label in order to minimize the potential for atrazine to reach ground water.

WEEDS SUPPRESSED²
Canada Thistle (Cirsium arvense) | Not Recommended | 8 inch to bud 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.

1/4-1 1/2 pints A + 1/4-1 1/2 lb ai/A
Apply to corn and sorghum before planting until just prior to crop emergence.

1 1/2 pints A + 1 1/2 lb ai/A
Apply to corn after emergence but before corn is 12 inches tall.
Apply to sorghum after the 3 leaf stage but prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first.

1 1/2 pints A + 1 1/2 lb ai/A
Apply to corn between the 4 leaf stage and before corn is 12 inches tall.
Apply to sorghum between the 4 leaf stage but prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first.
Wild Buckwheat (Polygonum convolvulus) 6 8 8 10 8 10 10 12 10 12 10 12
Venice Mallow (Hibiscus trionum) 4 24 2 42 4 24 2 4 2
Velvetleaf (Abutilon theophrasti) 4 34 3 65 6 58 6 8 6
Tall Waterhemp (Amaranthus tuberculatus) 4 28 6 64 8 66 4 6 6
Tall Morningglory (Ipomoea purpurea) 3 34 4 44 4 4 4 4 4
Spiny Pigweed (Amaranthus spinosus) 4 28 6 64 8 66 4 6 6
Smooth Pigweed (Amaranthus hybridus) 4 26 4 42 6 46 4 6 6
Redroot Pigweed (Amaranthus retroflexus) 4 2 8 6 6 4 8 6 6
Purple Morningglory (Ipomoea muricata) - - 2 3 2 3 2 3 3
Puncturevine (Tribulus terrestris) - - - - - - 6 4 6
Prickly Sida (Sida spinosa) - - 6 2 4 1 6 2 4
Pennsylvania Smartweed (Polygonum pensylvanicum) 4 4 4 4 4 4 4 4 4
Pitted Morningglory (Ipomoea lacunosa) 3 3 4 4 4 4 4 3 4
Palmleaf Morningglory (Ipomoea wrightii) - - 4 3 4 3 4 3 4
Marestail (Conyza canadensis) 4 4 4 4 4 4 4 4 4
Kochia (Kochia scoparia) - - - - - - 4 6 4
Jimsonweed (Datura stramonium) 4 4 4 4 4 4 4 4 4
Ivyleaf Morningglory (Ipomoea hederacea) 3 3 4 4 4 4 4 3 4
Hemp Sesbania (Sesbania exaltata) 4 4 4 4 4 4 4 4 4
Giant Ragweed (Ambrosia trifida) 4 28 6 64 8 66 4 6 6
Entireleaf Morningglory (Ipomoea hederacea) - - 4 3 4 3 4 3 4
Common Ragweed (Ambrosia artemisiifolia) 6 4 8 6 8 6 8 6 8
Burcucumber (Sicyos angulatus) 4 4 4 4 4 4 4 4 4
Black Nightshade (Solanum nigrum) 4 4 4 4 4 4 4 4 4
Buffalobur (Solanum rostratum) 4 4 4 4 4 4 4 4 4
Wild Mustard (Sinapis arvensis) 4 4 4 4 4 4 4 4 4
Smallflower Morningglory (Jacquemontia tamnifolia) - - 4 3 4 3 4 3 4
Pokeweed (Phytolacca americana) - - 4 4 6 6 6 6
Purslane (Sida spinosa) - - 6 2 4 6 4 6 4
Puncturevine (Tribulus terrestris) - - - - - - 6 4 6
Purple Morningglory (Ipomoea purpurea) - - 6 2 4 6 4 6 4
Redroot Pigweed (Amaranthus retroflexus) 4 2 8 6 6 4 8 6 6
Smallflower Morningglory (Jacquemontia tamnifolia) - - 4 4 4 3 4 3 4
Smooth Pigweed (Amaranthus hydrurus) 4 2 6 4 6 4 6 4 6
Spry Pigweed (Amaranthus spinosus) 4 2 6 6 4 8 6 6 6
Sorghum (Sorghum sp.) 6 8 8 10 8 10 10 12 10 12 10 12
Tall Morningglory (Ipomoea purpurea) 3 3 4 4 4 4 4 4 4
Tall Waterhemp (Amaranthus tuberculatus) 4 2 6 6 4 8 6 4 6
Toothpick Spurge (Euphorbia dentata) 2 2 2 2 4 4 4 4 4
Velvetleaf (Abutilon theophrasti) 4 2 6 5 6 5 8 6 8
Vietnamese Milkweed (Hibiscus trionum) 4 2 4 2 4 2 4 2 4
Wild Buckwheat (Polygonum convolvulus) 6 8 8 10 8 10 10 12 10 12 10 12
Wild Mustard (Saponaria officinalis) 4 4 4 4 4 4 4 4 4

1. When determining leaf stage, count all leaves except cotyledonary leaves.
2. Selected rates of BROCLEAN + atrazine tank mixtures suppress the growth by burning down of top growth. Regrowth may occur.
3. If pigweeds (Amaranthus sp.) present in the field to be treated have been identified as trazine resistant biotypes, use BROCLEAN at 1½ pints/A in a tank mixture with atrazine at ½ or 1 lb ai/A. Applications should be made when pigweeds do not exceed the 4-leaf stage and 2 inches in height. Control of pigweeds in the high plains areas of Texas and Oklahoma may not be satisfactory with BROCLEAN + atrazine tank mixtures. Repeat applications may be necessary to achieve satisfactory control.

### ATRAZINE FORMULATION POUNDS OF ACTIVE INGREDIENT PER ACRE FORMULATION RATE PER ACRE

<table>
<thead>
<tr>
<th>ATRAZINE FORMULATION</th>
<th>POUNDS OF ACTIVE INGREDIENT PER ACRE</th>
<th>FORMULATION RATE PER ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atrazine 4L</td>
<td>1/2 Pint/A</td>
<td>1 Pint/A</td>
</tr>
<tr>
<td>Atrazine 80WP</td>
<td>1 1/2 Pint/A</td>
<td>1 Pint/A</td>
</tr>
<tr>
<td>Atrazine 80%</td>
<td>1 Pint/A</td>
<td>1 Pint/A</td>
</tr>
<tr>
<td>Atrazine 1/2</td>
<td>1/2 Pint/A</td>
<td>1 Pint/A</td>
</tr>
</tbody>
</table>

1. Follow all precautions and limitations on the labels of products used in tank mixture with BROCLEAN.

### SPECIAL USE DIRECTIONS FOR OTHER WEED PROBLEMS IN CORN AND SORGHUM

- For control of common cocklebur, common lambsquarters and sunflower up to 14 inches in height and sunflower up to 18 inches in height, use a postemergence application of BROCLEAN at 1 pint/A. Make a second application of BROCLEAN at the same rate 7 to 10 days later.
- For control of velvetleaf up to 14 inches in height, use postemergence application of BROCLEAN at 1½ pints/A + atrazine tank mixture at 1 pint/A + ½ lb ai/A. Make a second application of BROCLEAN at 1 pint/A 7 to 10 days later, but do not exceed a total of 2 pints/A of BROCLEAN per season on field corn or popcorn.

### ADDITIONAL BROCLEAN TANK MIXTURE RECOMMENDATIONS

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

### WEEDS SUPPRESSED

<table>
<thead>
<tr>
<th>WEED SPECIES (Common and vernacular)</th>
<th>Not Recommended</th>
<th>Not Recommended</th>
<th>B&quot;bud</th>
<th>B&quot;bud</th>
<th>B&quot;bud</th>
<th>B&quot;bud</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada Thistle (Cirsium arvense)</td>
<td></td>
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<tr>
<td>Pokeweed (Phytolacca americana)</td>
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<tr>
<td>Prickly Sida (Sida spinosa)</td>
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<tr>
<td>Purslane (Sida spinosa)</td>
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<td></td>
</tr>
<tr>
<td>Purple Morningglory (Ipomoea purpurea)</td>
<td></td>
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<td></td>
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<tr>
<td>Redroot Pigweed (Amaranthus retroflexus)</td>
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<td></td>
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<tr>
<td>Smallflower Morningglory (Jacquemontia tamnifolia)</td>
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<td></td>
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<tr>
<td>Smooth Pigweed (Amaranthus hydrurus)</td>
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<td></td>
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<tr>
<td>Spry Pigweed (Amaranthus spinosus)</td>
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<td></td>
</tr>
<tr>
<td>Sunflower (Helianthus annuus)</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Tall Morningglory (Ipomoea purpurea)</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tall Waterhemp (Amaranthus tuberculatus)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Toothpick Spurge (Euphorbia dentata)</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Velvetleaf (Abutilon theophrasti)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vietnamese Milkweed (Hibiscus trionum)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild Buckwheat (Polygonum convolvulus)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild Mustard (Saponaria officinalis)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

1. Follow all precautions and limitations on the labels of products used in tank mixture with BROCLEAN.

### ADDITIONAL BROCLEAN TANK MIXTURE RECOMMENDATIONS

- For control of Canada thistle 4-8 inches tall prior to killing frost. Follow with a similar control program in next year's rotational crop.
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + 2,4-D</td>
<td>1½ pints/A + 1/16-¼ lb ai/A</td>
<td>Apply to field corn after emergence and before the corn is 12 inches tall. Do not apply this tank mix to sorghum.</td>
<td>All broadleaf weeds controlled by BROCLEAN + atrazine plus grasses and broad-leaves controlled by Accent. For optimum weed control, treat when broadleaves and grasses are in the recommended growth stage or size. Follow the weed size guideline on the BROCLEAN or Accent labels that are least restrictive.</td>
</tr>
<tr>
<td>BROCLEAN + atrazine</td>
<td>1 pint/A + ½-1½ lb ai/A + ½ oz/A</td>
<td>Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. 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 devil's claw control. For Canada thistle burn-down and field bindweed suppression, use ½ - 1½ lb ai/A of 2,4-D with BROCLEAN.</td>
</tr>
<tr>
<td>BROCLEAN + Accent5 + non-ionic surfactant</td>
<td>½ oz/A + 1 qt/100 gal. of water (0.25% v/v)</td>
<td>Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All broadleaf weeds controlled by BROCLEAN at 1 or 1½ pt/A plus grasses and broad-leaves controlled by Accent. For optimum weed control, treat when broadleaves and grasses are in the recommended growth stage or size. Follow the weed size guideline on the BROCLEAN or Accent labels that are least restrictive.</td>
</tr>
<tr>
<td>BROCLEAN + atrazine</td>
<td>1½ pint/A + ½ oz/A</td>
<td>Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN. All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved devil's claw control. For Canada thistle burn-down and field bindweed suppression, use ½ - 1½ lb ai/A of 2,4-D with BROCLEAN.</td>
</tr>
<tr>
<td>BROCLEAN + atrazine</td>
<td>1 pint/A + ½ oz/A</td>
<td>Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN. All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved devil's claw control. For Canada thistle burn-down and field bindweed suppression, use ½ - 1½ lb ai/A of 2,4-D with BROCLEAN.</td>
</tr>
<tr>
<td>BROCLEAN + BanvelClarity &amp; Accent5</td>
<td>½ oz/A</td>
<td>Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. 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 devil's claw control. For Canada thistle burn-down and field bindweed suppression, use ½ - 1½ lb ai/A of 2,4-D with BROCLEAN.</td>
</tr>
<tr>
<td>BROCLEAN + atrazine</td>
<td>1 pint/A + ½ oz/A</td>
<td>Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. Use drop nozzles if crop is taller than 8 inches.</td>
<td>All weeds controlled by BROCLEAN. All weeds controlled by BROCLEAN + atrazine tank mixtures at recommended rates of application plus improved devil's claw control. For Canada thistle burn-down and field bindweed suppression, use ½ - 1½ lb ai/A of 2,4-D with BROCLEAN.</td>
</tr>
</tbody>
</table>
**APPLICATION TIMING AND SPECIFIC COMMENTS**

**PRODUCT**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RATE</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + Exceed™</td>
<td>1-2 pints/A</td>
<td>Spring seeded wheat, barley, oats, rye and triticale</td>
<td>All weeds controlled by BROCLEAN at 1½-2 pints/A plus suppression or control of foxtails and other annual grasses that do not exceed 1½ inches in height.</td>
</tr>
<tr>
<td>PRODUCT</td>
<td>RATE</td>
<td>CROP</td>
<td>WEEDS</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------</td>
<td>----------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>BROCLEAN</td>
<td>1½-2 pints/A</td>
<td>Fall seeded wheat, barley, oats, rye, and triticale from emergence to the boot stage. Apply to MOST SUSCEPTIBLE weeds (see General Weed List) up to the 8 leaf stage or 4 inches in height, whichever comes first. If weed forms rosette apply before weeds exceed 2 inches in diameter. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
<td>Apply to wheat and barley from the 2 leaf stage and before boot stage. Refer to Glean label for crop rotation and other restrictions. This tank mix improves control of broadleaves such as henbit, tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td></td>
<td>+</td>
<td>nonionic surfactant 1 qt/100 gal. of water</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BROCLEAN</td>
<td>¾-1½ pints/A</td>
<td>Spring seeded wheat, barley, oats, rye, and triticale in Idaho, Oregon, Washington, Colorado, Wyoming and Montana. Apply from emergence up and prior to the boot stage.</td>
<td>Apply to wheat from the 2 leaf stage and before the boot stage. Refer to Ally label for crop rotation and other restrictions. This tank mix improves control of broadleaves such as tansy mustard, henbit, chickweed and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td></td>
<td>+</td>
<td>nonionic surfactant 1 qt/100 gal. of water</td>
<td></td>
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<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Chemigation Only</td>
<td>2 pints/A</td>
<td>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. See MIXING, LOADING AND HANDLING INSTRUCTIONS section for complete details.</td>
<td>Apply to wheat, barley, oats, rye and triticale, and wheat underseeded with alfalfa. Apply to barley, oats, rye, triticale, and wheat underseeded with alfalfa after the crop is in across and to Canada thistle. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td></td>
<td>+</td>
<td>+</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BROCLEAN</td>
<td>1½-2 pints/A</td>
<td>Apply to barley, oats, rye, triticale, and wheat underseeded with alfalfa after barley, oats, rye, triticale, and wheat emerge up to the boot stage and when underseeded alfalfa has a minimum of 4 trifoliate leaves. Follow all precautions and restrictions listed under the barley, oats, rye, triticale, wheat and seedling alfalfa sections.</td>
<td>Apply to barley, oats, rye, triticale, and wheat underseeded with alfalfa after barley, oats, rye, triticale, and wheat is detectable. Refer to chickweed and redroot pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td></td>
<td>+</td>
<td>nonionic surfactant 1 qt/100 gal. of water</td>
<td></td>
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<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>BROCLEAN TANK MIXTURE RECOMMENDATIONS APPLICATION TIMING AND SPECIFIC COMMENTS</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<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 wheat, barley, oats and rye from the fully tillered and before jointing stage.</td>
<td>Apply to 2,4-D (such as WEEDONE® or WEEDAR® brand HERBICIDE)</td>
</tr>
<tr>
<td>+ 2,4-D</td>
<td>+</td>
<td>nonionic surfactant 1 qt/100 gal. of water</td>
<td></td>
</tr>
<tr>
<td>+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BROCLEAN</td>
<td>¾-1 pints/A</td>
<td>Apply to wheat and barley in Minnesota, North and South Dakota from the fully tillered and before the jointing stage.</td>
<td>Apply to wheat and barley in Minnesota, North and South Dakota from the fully tillered and before the jointing stage.</td>
</tr>
<tr>
<td>+ MCPA</td>
<td>+ ¼-½ lb ai/A</td>
<td>This tank mix improves control of broadleaves such as prostrate knotweed. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
<td>This tank mix improves control of broadleaves such as henbit, tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>BROCLEAN</td>
<td>1-2 pints/A</td>
<td>Apply to wheat, barley, oats and rye from the 4 leaf stage and before jointing.</td>
<td>Apply to the Harmony Extra label for crop rotation and other restrictions. Spring wheat and barley. Apply after the 2 leaf stage and before the 1st node is detectable. Refer to the Harmony Extra label for crop rotation and other restrictions.</td>
</tr>
<tr>
<td>+</td>
<td>+ ¼-½ lb ai/A</td>
<td>This tank mix improves control of mustards, pigweed and kochia. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
<td></td>
</tr>
<tr>
<td>+</td>
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</tr>
<tr>
<td>BROCLEAN</td>
<td>1½-2 pints/A</td>
<td>Fall seeded wheat apply prior to the jointing stage. Spring seeded wheat apply up to the 5 leaf stage.</td>
<td>This tank mix improves control of broadleaves such as henbit, tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td>+</td>
<td>+ ⅛-¼ pint/A</td>
<td>This tank mix improves control of mustards, pigweed and kochia. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
<td>This tank mix improves control of broadleaves such as henbit, tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.</td>
</tr>
<tr>
<td>+</td>
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</tbody>
</table>

**APPLICATION TIMING AND SPECIFIC COMMENTS**

- Apply to wheat and barley from the 2 leaf stage and before boot stage. Refer to Glean label for crop rotation and other restrictions. This tank mix improves control of broadleaves such as henbit, tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
- Apply to wheat and barley from the 2 leaf stage and before the boot stage. Refer to Ally label for crop rotation and other restrictions. This tank mix improves control of broadleaves such as tansy mustard, henbit, chickweed and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
**APPLICATION TIMING AND SPECIFIC COMMENTS**

<table>
<thead>
<tr>
<th>PRODUCT</th>
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<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + chlorimuron (Sencor® or Lexone®)</td>
<td>1-1½ pints/A + ½-1 lb ai/A</td>
<td>Winter wheat in Idaho, Montana, Oregon and Washington. Apply in spring after growth has started and secondary roots with a minimum height or diameter of 4 inches tall or rossettes of 2 inches in diameter. The higher use rates of both products should be used in emergency or pest situations and if some minor crop injury is acceptable. A recognized authority should be consulted concerning the use of this mixture in your area.</td>
<td>This tank mix improves control of broadleaf weeds such as chickweed, flax, henbit and dogfennel. Apply to weeds that do not exceed 2 inches tall or rosettes of 2 inches in diameter.</td>
</tr>
<tr>
<td>BROCLEAN + diuron</td>
<td>1 pint/A + ½ lb ai/A</td>
<td>Winter wheat and winter barley in Idaho, Oregon and Washington. Use only in areas where annual rainfall exceeds 16 inches. One fall application after emergence and before soil freezes or in spring as soon as soil thaws.</td>
<td>This tank mix improves control of broadleaf weeds such as henbit and dogfennel. Apply to weeds before they are 2 inches tall or 2 inches in diameter.</td>
</tr>
<tr>
<td>BROCLEAN + Tiller®</td>
<td>1 pint/A + 1 pint/A</td>
<td>Spring wheat. Follow 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 + Hoelon7</td>
<td>1-2 pints/A + 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 broadleaves. Apply 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 + Hoelon7 + crop oil concentrate</td>
<td>1-2 pints/A + 2-3½ 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>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 4 leaf stage or rosettes of 1.5 inches in diameter.</td>
</tr>
<tr>
<td>BROCLEAN + Avenge1</td>
<td>1-2 pints/A + 2½-4 pints/A</td>
<td>Winter Wheat. Four leaf to tillering stage. Refer to Avenge 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 4 leaf stage or rosettes of 1.5 inches in diameter.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS AND PRECAUTIONS:** Small Grains (Wheat, Barley, Oats, Rye and Triticale)  
- 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 carryover 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 graze spring treated underseeded alfalfa within 30 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 Broclean/A).  

**FORAGE, FIBER AND SPECIALTY CROPS**  
**ALFALFA (SEEDLING)**  
- 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 pennycress, henbit and mustards.

<table>
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<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-½ 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. 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.</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. 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.</td>
</tr>
</tbody>
</table>

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

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<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-½ pints/A</td>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>
PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ - 1 pint/A + 3-6 oz./A + 1 qt/100 gals. | Alalfa (Seedling) | This tank mix will control most susceptible broadleaf weeds (See General Weed List) when weeds do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first. This tank mix will control the majority of the field has a minimum of 2 trifoliate leaves. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

BROCLEAN | ¼ pint/A | Flax (Linum usitatissimum) | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

Pursuit 3-6 ounces/A | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ pint/A + 3-6 oz./A + 1 qt/100 gals. | In all states except 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

BROCLEAN + Pursuit + non-ionic surfactant | ½-¾ pint/A + 3-6 oz./A + 1 qt/100 gals. | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

BROCLEAN TANK MIXTURE RECOMMENDATIONS

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN | 1 pint/A | FLAX (Linum usitatissimum) | Apply to flax that is 2 to 8 inches in height. Do not apply BROCLEAN to flax during or after the bud stage.

BROCLEAN | ¼ pint/A | BARLEY, OATS, RYE, TRITICALE, WHEAT | Apply to MOST SUSCEPTIBLE weeds that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

BROCLEAN TANK MIXTURE RECOMMENDATIONS

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Poast + Crop oil Concentrate or Dash | 1 pint/A + 1-½ pints/A + 2 pints/A or 2 pints/A | This tank mix will control broadleaf weeds plus grassy weeds listed on the Poast label. Apply to MOST SUSCEPTIBLE broadleaf weeds (see list on the BROCLEAN label) that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Poast + Crop oil Concentrate or Dash | 1 pint/A + 1-½ pints/A + 2 pints/A or 2 pints/A | This tank mix will control broadleaf weeds plus grassy weeds listed on the Poast label. Apply to MOST SUSCEPTIBLE broadleaf weeds (see list on the BROCLEAN label) that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ pint/A + 3-6 oz./A + 1 qt/100 gals. | This tank mix will control broadleaf weeds (sp), Kochia, and Tansy mustard. Apply when weeds do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ½-¾ pint/A + 3-6 oz./A + 1 qt/100 gals. | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ pint/A + 3-6 oz./A + 1 qt/100 gals. | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ pint/A + 3-6 oz./A + 1 qt/100 gals. | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ pint/A + 3-6 oz./A + 1 qt/100 gals. | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.

PRODUCT | RATE | CROP | WEEDS
--- | --- | --- | ---
BROCLEAN + Pursuit + non-ionic surfactant | ¼ pint/A + 3-6 oz./A + 1 qt/100 gals. | 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. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. BROCLEAN + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.
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>
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</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1½-2 pints/A</td>
<td>Apply to garlic after emergence and before 12 inches in height.</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>(Only for garlic grown in muck soils in Northeastern United States)</td>
<td>1½-2 pints/A</td>
<td>Apply to garlic after emergence and before 12 inches in height.</td>
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<td></td>
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<td>*May be harvested 60 days after treatment.</td>
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</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>
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<tr>
<th>PRODUCT</th>
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</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</td>
<td>Apply to dormant or actively growing established peppermint or spearmint crops that exhibit good vigor.</td>
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</tr>
<tr>
<td></td>
<td></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>
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</table>

RESTRICTIONS AND PRECAUTIONS: 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 Sinbar application or unacceptable crop injury may result.
• Do not use in spring or 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 of bromoxynil per acre to mint in a single growing season.

ONIONS
BROCLEAN RECOMMENDATIONS
APPLICATION TIMING AND SPECIFIC COMMENTS

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>Preemergence 1-1 ½ pints/A</td>
<td>Preemergence use restricted to onions grown west of the Mississippi River only on muck soils containing greater than 10% organic matter. Apply at least 3 to 4 days prior to emergence. Rainfall or irrigation within 2 days following pre-emergence applications or 3 days prior to crop emergence may result in unacceptable crop injury. Preemergence applications can be applied using either ground or aerial equipment.</td>
<td></td>
</tr>
<tr>
<td>(Only for garlic emergence and before Emerging and before 12 inches in height.)</td>
<td>Postemergence 1-1½ pints/A</td>
<td>Apply only to onions which have 2 to 5 true leaves. Use at least 50-70 gallons of water per acre and apply by ground equipment or chemigation only. Water volume is important - CONCENTRATED SPRAYS KILL ONIONS. Thorough and uniform coverage is necessary for good weed control. In onion-producing areas, certain environmental conditions reduce development of waxy coating on the onion leaves, thus increasing the possibility of injury. Dry soil, dry onion foliage, high light intensity, low humidity, and high temperatures tend to increase the waxy coating on onion leaves and thus reducing chances for injury. It is essential that the soil and onion foliage be dry at the time of application. Humidity should be low and dew should be off the plants.</td>
<td></td>
</tr>
</tbody>
</table>

RESTRICTIONS AND PRECAUTIONS: 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.
PRODUCT RATE CROP WEEDS

**BROCLEAN**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate Per Acre</th>
<th>Rate Per 1000 sq.ft.</th>
<th>Crop</th>
<th>Weeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-2 pints/A</td>
<td>Apply to grasses after emergence. If alfalfa is planted, apply after the 4 trifoliate leaf stage.</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>
<td><strong>Grasses grown for seed or sod production.</strong></td>
</tr>
<tr>
<td>Chemigation</td>
<td>2 pints/A only</td>
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</tbody>
</table>

**BROCLEAN TANK MIXTURE RECOMMENDATIONS**

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1-2 pints/A</td>
<td>Apply to CRP areas after grasses have reached the 3 leaf stage. Do not use this tank mixture in areas where alfalfa or other legumes have been planted.</td>
<td>This tank mix improves control of mustards, pigweed, and kochia. Apply up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.</td>
<td><strong>Restrictions and Precautions:</strong> Grasses grown for seed or sod production.</td>
</tr>
<tr>
<td>+ Rhomene® or Rhomox® (MCPA)</td>
<td>1/4 - 1/2 pint/A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RESTRICTIONS AND PRECAUTIONS: CRP AREAS**

- Do not allow livestock to graze in treated areas or feed treated grass 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**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate Per Acre</th>
<th>Rate Per 1000 sq.ft.</th>
<th>Crop</th>
<th>Weeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1 to 2 pints</td>
<td>6.75 fl. oz.</td>
<td>Apply to established and newly seeded grasses for seed or sod production before the boot stage. Established grasses tolerant to BROCLEAN include bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermuda-grass, St. Augustine-grass and Zoysiagrass. BROCLEAN may also be used on seedling grasses such as Merion, Park, Delta, or common Kentucky Bluegrasses, Pennlawn, Chewings, Illahee or Alta Fescues, Orchardgrass, Highland, Seaside or Astoria Bentgrasses, perennial Ryegrasses, Bahiagrass and Zoysiagrass.</td>
<td>Refer to the General Weed List for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1 to 2 pints</td>
<td>6.75 fl. 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><strong>Restrictions and Precautions:</strong> Grasses grown for seed or sod production.</td>
</tr>
<tr>
<td>Chemigation</td>
<td>2 pints only</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Weed List for BROCLEAN

**Application Timing and Specific Comments**

<table>
<thead>
<tr>
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<th>RATE Per 1000 SQ.FT.</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN + MCPP</td>
<td>2 Pints + 0.5 to 1.0 lb ai</td>
<td>0.125 to 0.0125 lb ai</td>
<td>Apply to established non-residential turfgrass only. This treatment may cause injury to bentgrasses, St. Augustinegrass, centipedegrass, and carpetgrass.</td>
<td>All weed species previously listed in the General Weed List for BROCLEAN and BROCLEAN/2,4-D tank mixes plus the following species: Dandelion (Taraxacum officinale) Plantains (Plantago spp.) Red Sorrel (Rumex acetosella) Knotweed (Polygonum aviculare) Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter). Optimal control of red sorrel will require the high use rate of 2,4-D or MCPP.</td>
</tr>
</tbody>
</table>

### RESTRICTIONS AND PRECAUTIONS: Tank Mixture Recommendations Non-residential turfgrasses

- BROCLEAN/WEEDONE® DPC tank mixes are not allowed in California.
- Do not apply BROCLEAN to non-cropland and industrial sites with backpack or hand-held application equipment.
- Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
- Do not apply BROCLEAN to non-residential turf with backpack or hand-held application equipment.
- Maximum 0.5 lb ai/A per season.

### NON-CROPLAND

**Application Timing and Specific Comments**

<table>
<thead>
<tr>
<th>Product</th>
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<th>RATE Per 1000 SQ.FT.</th>
<th>CROP</th>
<th>WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROCLEAN</td>
<td>1 to 2 Pints</td>
<td>0.575 to 0.75 fl. oz.</td>
<td>Apply to non-cropland and industrial sites when weeds have emerged and are actively growing.</td>
<td>Refer to the General Weed List for a listing of susceptible broadleaf weeds. Use adequate spray volumes to ensure thorough coverage. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).</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.
- Addition 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/A per season.

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