

BROCLEAN®

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- hydroxybenzonitrile)		33.4%
INERT INGREDIENTS**:		66.6%
	TOTAL	100.0%

** Contains xylene range/petroleum distillates. * Bromoxynil octanoate equivalent to 22.9% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING—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	Take off contaminated clothing.
or 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:

1-866-944-8656.

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

EPA REG. NO. 34704-891

EPA EST. NO. 51036-GA-1

NET CONTENTS 21/2 GALS. (9.46 L)

120905 V11D 03B11

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS 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.

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

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 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 CON-TAINER 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 and before transportation. If the container is not being refilled, return it to the point of ourchase.

GENERAL INFORMATION

BROCLEAN is formulated as an emulsifiable concentrate of octanoic acid ester of bromoxynil 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, seedling 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 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 Yaccora Rojo wheat, may not develop the crop canopy fast enough to shade the subsequent flushes of weeds. Occasional transitory leaf burn may occur. The temporary leaf burn is similar to that seen with liquid fertilizer. Because the activity of 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 packaged in a 30 gallon drum, you must use a mechanical transfer system which terminates in a drip-free hard coupling which may be used only with a spray or mix tank which has been fitted with a compatible coupling. If you do not presently own or have access to a mechanical transfer system with this type of coupling, contact your dealer for information on how to obtain such a system or to modify your present system. When using a mechanical transfer system, do not remove or disconnect the pump or probe from the container until the container has been emptied and rinsed. The pump or probe system must be used to rinse the empty container and to transfer the rinsate directly to the mixing or soray tank.

BROCLEAN ALONE: Fill the spray tank ½ to ¾ 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 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.

INSECTICIDE		
COMMON NAME	TRADE NAME	FORMULATION
Diazinon	Various	Emulsifiable Concentrate
Dimethoate	Various	Emulsifiable Concentrate
Trichlorfon	Dylox®	Soluble Powder
Carbofuran	Furadan®	Flowable
Chlorpyrifos	Warhawk®	Emulsifiable Concentrate
Malathion	Various	Emulsifiable Concentrate
Oxydemeton-methyl	MSR®	Sprayable Concentrate
Permethrin	Pounce®	Emulsifiable Concentrate
Carbaryl	Carbaryl 4L	Sprayable wettable powder or Flowable

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 BRO-CLEAN. 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.

	TYPE OF APPLICATION EQUIPMENT						
CROP	GROUND	AERIAL	SPRINKLER IRRIGATION				
Corn (field and pop)	Х	Х	Х				
Sorghum (grain and forage)	Х	Х	Х				
and Sudangrass							
Small grains	Х	Х	Х				
Seedling alfalfa	Х	Х	Х				
Flax	Х	Х					
Garlic	Х	Х	Х				
Onions	Х		Х				
Mint	Х		Х				
Grass grown for seed or sod							
production	Х	Х	Х				
Conservation Reserve Program							
(CRP) areas	Х	Х	Х				
Non-residential turfgrass	Х	Х					
Non-cropland/Industrial sites	Х	Х					

(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 mm ave used with higher speed, low volume ground application if ground terrain, crop and weed density allow effective spray distribution.

When using higher speed equipment a maximum speed of 10 mph is suggested if field conditions cause excessive boom movement during application which results in poor spray coverage. Ground applications made when dry, dusty field conditions exist may provide reduced weed control in wheel track areas. Applications using less than 10 gallons per acre may result in reduced weed control.

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

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.

- The distance of the outer most nozzles on the boom must not exceed ¾ the length of the wingspan or rotor.
- Nozzles must always point backward parallel with the air stream and never be pointed downwards 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 nozzle. Higher pressure reduces droplet size and does not improve canopy protection. 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 ³⁄₄ 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 downwind. 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 adjustment 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. Application 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 characterized 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 or an aircraft smoke generator. Smoke that layers and moves 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 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-TROLLED" 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, triticale, 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 chemigation has been completed and residues have been flushed from the system. When applying by chemigation, no person may enter the application site unless in an enclosed vehicle. Do not apply this product through any other type of irrigation system.

Specific Requirements For Application Through Automated Sprinkler Irrigation System

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quickclosing check valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Agitation is recommended in the pesticide supply tank when applying the BROCLEAN.
- 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.
- 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.
- 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 timings.

CHEMIGATION USER PRECAUTIONS

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

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

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

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

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

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

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

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 postpone any anticipated cultivations until 5-7 days after application to ensure best performance.

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 Starbur (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 ptycanthum) Field Pennycress (Thlaspi arvense) Green Smartweed (Polygonum scabrum) Hairy Nightshade (Solanum sarachoides) Jimsonweed (Datura stramonium) Ladysthumb (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) ¹Sunflower (*Helianthus annus*) Wild Buckwheat (Polygonum convolvulus)

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

SUSCEPTIBLE BROADLEAF WEED SPECIES Buffalobur (Solanum rostratum) Burcucumber (Sicyos angulatus) 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) Ivyleaf morningglory (Ipomoea hederacea) Knawel (Scleranthus annus) ²Kochia *(Kochia scoparia)* London Rocket (Sisymbrium irio) Mayweed (Anthemis cotula) Pitted morningglory (Ipomoea lacunosa) Prostrate Knotweed (Polygonum aviculare) Puncturevine (Tribulus terrestris) ²Redroot Pigweed (Amaranthus retroflexus) Russian Thistle (Salsola kali) ²Spiny Pigweed (Amaranthus spinosus) Tall Morningglory (Pomoea purpurea) ²Tall Waterhemp (*Amaranthus tuberculatus*) Tumble mustard (Sisymbrium altissimum) Velvetleaf (Abutilon theophrasti)

Venice Mallow (*Hibiscus trionum*) Wild Mustard (*Sinapis arvensis*) Wild Radish (*Raphanus raphanistrum*) Yellow Starthistle (*Centaurea solstitialis*)

²For 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 are 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						
	PRODUCT	BATE	CROP	WEEDS			
	BROCLEAN	Preemergence 1-1½ 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			
ım)		1 pint/A	Apply to corn after emergence but prior to tassel emergence.	BROCLEAN at recommended rates of application. For con- trol of additional weeds not listed in the rate table see the General Weed List.			
nflower seedlings are 4			Apply to sorghum and sudangrass between the 3 leaf stage but prior to the preboot stage				
niowei seeunings are 4		1½ pints/A	(growth stage 4). 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 4).				
		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.			

PRODUCT RATE CROP WEEDS Apply to MOST SUSCEPTI-BLE broadleaf weeds up to BROCLEAN Chemigation Apply to corn after 2 pints/A only emergence but prior to tassel the 8 leaf stage or 4 inches emergence. in height or 2 inches in diameter, whichever comes Apply to sorghum first. Apply to SUSCEPTIBLE and sudangrass broadleaf weeds up to the 4 after emergence but prior to preboot leaf stage, 2 inches in height or 1 inch in diameter, which stage (growth ever comes first. Do not use chemigation for control of stage 4). weeds that exceed 4 inches Apply through in height because control automated sprinkler may be unacceptable. irrigation systems with a mechanical transfer loading system only. See MIXING, LOADING AND HANDLING INSTRUCTIONS section for complete details

CORN AND SORGHUM APPLICATION RATE TABLE - BROCLEAN

WEED SPECIES 1		1	Pint/A	11/2 to 2 Pints/A 4		
		Max.	Max. Weed	Max.	Max. Weed	
When determining le	eaf stage, count	Leaf	Height	Leaf	Height	
all leaves except cot	yledonary leaves	Stage	(inches)	Stage	(inches)	
Black Nightshade	(Solanum nigrum)	6	6	6	6	
Buffalobur	(Solanum rostratum)	4	2	6	4	
Burcucumber	(Sicyos angulatus)	-	-	4	4	
Common Cocklebur	(Xanthium strumarium)	6	8	8	10	
Common	(Chenopodium album)	-	6	-	8	
Lambsquarters						
Common Ragweed	(Ambrosia artemisiifolia)	6	4	8	6	
Eastern Black	(Solanum ptycanthum)	6	6	6	6	
Nightshade						
Giant Ragweed	(Ambrosia trifida)	6	4	6	6	
Hemp Sesbania	(Sesbania exaltata)	-	-	4	4	
lvyleaf	(Ipomoea hederacea)	3	3	4	4	
Morningglory						
Jimsonweed	(Datura stramonium)	4	4	6	6	
Kochia	(Kochia scoparia)	-	-	-	2	
Ladysthumb	(Polygonum persicaria)	4	4	6	6	
Pennsylvania	(Polygonum	4	4	6	6	
Smartweed	pensylvanicum)	-				
Pitted	(Ipomoea lacunosa)	3	3	4	4	
Morningglory						
Redroot Pigweed ³	(Amaranthus retroflexus)	-	-	4	2	
Spiny Pigweed ³	(Amaranthus spinosus)	-	-	4	2	
Sunflower	(Helianthus annus)	4	6	6	8	
Tall Morningglory	(Ipomoea purpurea)	3	3	4	4	
Tall Waterhemp ³	(Amaranthus tuberculatus)	-	-	4	2	
Velvetleaf	(Abutilon theophrasti)	4	3	6	5	
Venice Mallow	(Hibiscus trionum)	-	-	4	2	
Wild Buckwheat	(Polygonum	4	6	6	8	
	convolvulus)					
Wild Mustard	(Sinapis arvensis)	-	-	4	4	

WEEDS SUPPRESSED 2

 Canada Thistle (Cirsium arvense) Not Recommended 8 inch to
 ¹ When determining leaf stage, count all leaves except cotyledonary leaves. 8 inch to bud stage

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	Premergence	Apply to corn or	See CORN AND SORGHUM						
+	34-11/2 pints/A	sorghum before	APPLICATION RATE TABLE -						
atrazine	+	planting until just	BROCLEAN + ATRAZINE						
	1/2-11/5 lb ai/A	prior to crop	TANK MIXTURES for list of						
		emergence.	weeds and corresponding						
	34-1 pint/A	Apply to corn after	stages of growth that are						
	+	emergence but	controlled by BROCLEAN +						
	1⁄2-11/5 lb ai/A	before corn is 12	Atrazine tank mixtures at rec-						
		inches tall.	ommended rates of applica-						
			tion. For control of additional						
		Apply to sorghum	weeds not listed in the rate						
		after the 3 leaf	table see the General Weed						
		stage but prior to	List.						
		the preboot stage							
		(growth stage 4) or							
		12 inches in height,							
		whichever comes							
	11/ minto/A	first.							
	1½ pints/A	Apply to corn between the 4							
	+ 1⁄2-11⁄5 lb ai/A	leaf stage and							
	72-175 ID al/A	before corn is 12							
		inches tall.							
		li iches 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.							

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.

CORN AND SORGHUM APPLICATION RATE TABLE -BROCLEAN + ATRAZINE TANK MIXTURES

					DHOOLL) ATRAZII					
	¾ Pii	nt/A	% Pint	/Α	1 Pint	/A	1 Pint//	A.	1½ Pi	nts/A	1½ Pir	nts/A
		+	+			+	+		+			+
	½ lb	ai/A	11/5 lb	ai/A	½ lb a	ii/A	11/5 lb :	ai/A	½ lb a	i/A	11/5 lb	
When determining leaf stage, count all eaves except cotyledonary leaves.	MAX LEAF STAGE	Max Weed Hgt.										
Black Nightshade (Solanum nigrum)	4	4	4	4	6	6	6	6	6	6	6	6
uffalobur (<i>Solanum rostratum</i>)	4	4	4	4	6	4	6	4	6	4	6	4
urcucumber (Sicyos angulatus)	4	4	4	4	4	4	6	6	6	6	6	6
common Cocklebur (Xanthium strumarium)	6	8	8	10	8	10	10	12	10	12	10	12
ommon Lambsquarters (Chenopodium album)	-	6	-	10	-	10	-	12	-	12	-	12
ommon Ragweed (Ambrosia artemisiifolia)	6	4	8	6	8	6	8	6	8	6	8	6
astern Black Nightshade (Solanum ptycanthum)	4	4	4	4	6	6	6	6	6	6	6	6
ntireleaf Morningglory (Ipomoea hederacea)	-	-	4	3	4	3	4	3	4	3	4	3
iant Ragweed (Ambrosia trifida)	4	6	6	8	6	8	6	8	8	10	8	10
emp Sesbania (Sesbania exaltata)	4	4	4	4	4	4	4	4	4	4	4	4
yleaf Morningglory (Ipomoea hederacea)	3	3	4	4	4	4	4	4	4	4	4	4
msonweed (Datura stramonium)	4	4	4	4	6	6	6	6	6	6	6	6
ochia (Kochia scoparia)	-	2	-	2	-	2	-	2	-	4	-	4
dysthumb (Polygonum persicaria)	4	4	4	4	6	6	8	8	8	8	8	8
arestail (Conyza canadensis)	-	-	-	3	-	5	-	5	-	5	-	5
almleaf Morningglory (Ipomoea wrightii)	-	-	4	3	4	3	4	3	4	8	4	3
itted Morningglory (Ipomoea lacunosa)	3	3	4	4	4	4	4	4	4	3	4	4
ennsylvania Smartweed (Polygonum pensylvanicum)	4	4	4	4	6	6	8	8	8	4	8	8
okeweed (Phytolacca americana)	-	-	4	4	6	6	6	6	6	6	6	6
rickly Sida (Sida spinosus)	-	-	6	2	4	1	6	2	4	1	6	2
uncturevine (Tribulus terrestris)	-	-	-	-	-	-	6	4	6	4	6	4
urple Morningglory (Ipomoea muricata)	-	-	2	3	2	3	2	3	2	3	2	3
edroot Pigweed ³ (Amaranthus retroflexus)	4	2	8	6	6	4	8	6	6	4	8	6
mallflower Morningglory (Jacquemontia tamnifolia)	-	-	4	3	4	3	4	3	4	3	4	3
mooth Pigweed ³ (Amaranthus hybridus)	4	2	6	4	4	2	6	4	6	4	6	4
piny Piqweed ³ (Amaranthus spinosus)	4	2	8	6	6	4	8	6	6	4	8	6
unflower (Helianthus annus)	6	8	8	10	8	10	10	12	10	12	10	12
all Morningglory (Ipomoea purpurea)	3	3	4	4	4	4	4	4	4	4	4	4
all Waterhemp (Amaranthus tuberculatus)	4	2	8	6	6	4	8	6	6	4	8	6
pothed Spurge (Euphorbia dentata)	2	2	2	2	4	4	4	4	4	4	4	4
elvetleaf (Abutilon theophrasti)	4	3	4	3	6	5	6	5	8	6	8	6
enice Mallow (Hibiscus trionum)	4	2	4	2	4	2	4	2	4	2	4	2
/ild Buckwheat (Polygonum convolvulus)	6	8	8	10	8	10	10	12	10	12	10	12
/ild Mustard (Sinapis arvensis)	4	4	4	4	4	4	4	4	4	4	4	4

When determining leaf stage, count all leaves except cotyledon 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 triazine resistant biotypes, use BROCLEAN at 11/2 pints/A in a tank mixture with atrazine at 1/2 or 11/5 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 CONVERSION TABLE ^{1/}										
ATRAZINE RATE ATRAZINE										
	POUNDS OF ACTIVE	FORMULATION								
FORMULATION	INGREDIENT PER ACRE	RATE PER ACRE								
Atrazine 4L	1/2	1 Pint								
	11/5	2 ² / ₅ Pints								
Atrazine 80WP	1/2	5/8 Pound								
	11/5	1½ Pounds								
Atrazine 90	1/2	³ / ₅ Pound								
	11/5	1 ¹ / ₃ Pounds								

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

Large Common Cocklebur, Common Lambsquarters and Sunflower

For control of common cocklebur and common lambsquarters up to 14 inches in height and sunflower up to 18 inches in height, use a postemergence application of BRO-CLEAN at 1 pint/A. Make a second application of BROCLEAN at the same rate 7 to 10 days later.

Large Velvetleaf

For control of velvetleaf up to 14 inches in height, use postemergence application of BROCLEAN at 11/2 to 2 pints/A or BROCLEAN + atrazine tank mixture at 1 pint/A + 11/5 Ib 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.

Canada Thistle Management

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:

BROCLEAN at 11/2 - 2 pints/A BROCLEAN at 1 - 11/2 pints/A + atrazine at 1/2 - 11/5 lbs ai/A BROCLEAN at 1 -11/2 pints/A + Rifle® or Clarity® at 1/4 - 1/2 pint/A BROCLEAN at 1 - 11/2 pints/A + atrazine at 1/2- 11/5 lbs ai/A + Rifle or Clarity

at 1/8 - 1/4 pint/A

BROCLEAN at 1 - 11/2 pints/A + 2,4-D at 1/8 - 1/4 lb ai/A BROCLEAN at 1 - 11/2 pints/A + atrazine at 1/2 - 11/6 lbs ai/A + 2,4-D at 1/8 - 1/4 lb ai/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 glyphosate (Makaze®) 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 RECOMMENDATIONS APPLICATION TIMING AND SPECIFIC COMMENTS

PRODUCT	RATE	CROP	WEEDS			
BROCLEAN	1 pint/A	Apply to field corn after	All weeds controlled by			
+	+	emergence and before	BROCLEAN at recom-			
Rifle	1/8-1/2 pint/A	corn is 36 inches tall or	mended rates of appli-			
		15 days before tassel	cation plus improved			
		emergence, whichever	control of pigweed.			
		comes first.	For Canada thistle			
			burndown and field			
		Apply to sorghum	bindweed suppression			
		between the 3 leaf stage	up to the mid-bloom			
		and prior to the preboot	stage, use 1/4-1/2 pint/A of			
		stage (growth stage 4)	RIfle with BROCLEAN.			
		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.				

BROCLEAN®

	I	BROCLEAN®		A PRODUCT	PPLICATION 1	IMING AND SPECIFIC CO	OMMENTS WEEDS
	EPA F	REG. NO. 34704-89	91	BROCLEAN	1 pint/A	Apply to field corn after	All weeds controlled by
				+	+ 1/2-11/5 lb ai/A	emergence and before the corn is 12 inches tall.	BROCLEAN + atrazine
PRODUCT	RATE	TIMING AND SPECIFIC CO	WEEDS	atrazine +	/2-1 /5 ID al/A	Use drop nozzles if crop	tank mixtures at recom- mended rates of appli-
BROCLEAN	1½ pints/A	Apply to field corn		2,4-D	1/16-1/4 lb ai/A	is taller than 8 inches.	cation plus improved
+ Rlfle	+ 1/8-1/2 pint/A	between the 4 leaf stage and before corn is		(such as WEEDONE and		Apply to sorghum	devils claw control. For Canada thistle burn-
Time	70 /2 pint/A	36 inches tall or 15 days		WEEDAR Brand		between the 3 leaf stage	down and field bind-
		before tassel emergence, whichever comes first.		HERBICIDE)		and prior to the preboot stage (growth stage 4) or	weed suppression, use 1/8 - 1/4 lb ai/A of 2,4-D
		whichever comes hist.				12 inches in height,	with BROCLEAN.
		Apply to sorghum				whichever comes first. Use drop nozzles if crop	
		between the 4 leaf stage and prior to the preboot				is taller than 8 inches.	
		stage (growth stage 4)			11/2 pints/A	Apply to field corn between the 4 leaf stage	
		or 15 inches in height, whichever comes first.			1/2-11/5 lb ai/A	and before the corn is 12	
		Do not apply in the boot			+ 1/16-1/4 lb ai/A	inches tall. Use drop nozzles if crop is taller	
		stage. Use drop nozzles if crop is taller than 8			110-74 ID al/A	than 8 inches.	
BROCLEAN	1 pint/A	inches. Apply to field corn after	All weeds controlled by			Apply to sorghum	
+	+	emergence and before	BROCLEAN + atrazine			between the 4 leaf stage	
atrazine +	½ to 1⅓ Ib ai/A	corn is 12 inches tall.	tank mixtures at recom- mended rates of appli-			and prior to the preboot stage (growth stage 4) or	
RIfle	+	Apply to sorghum	cation plus improved			12 inches in height,	
	1/8-1/4 pint/A	between the 3 leaf stage and prior to the preboot	control of pigweed. For field bindweed suppres-			whichever comes first. Use drop nozzles if crop	
		stage (growth stage 4)	sion, use ¼ pint/A of			is taller than 8 inches.	AU1 0 6 1
		or 12 inches in height, whichever comes first.	RIfle/Clarity with BROCLEAN.	BROCLEAN +	1 pint/A +	Apply to field corn pre- emergence or post-	All broadleaf weeds controlled by BRO-
		Use drop nozzles if crop	DI IOOLL/IN.	Accent®	² /3 oz/A	emergence up to 36	CLEAN at 1 or 11/2 pt/A
	1½ pints/A	is taller than 8 inches. Apply to field corn	-	+ non-ionic	+ 1 gt/100	inches tall. Use drop nozzles when corn is 24-	plus grasses and broad- leaves controlled by
	+	between the 4 leaf stage		surfactant	gal. of water	36 inches tall. Do not	Accent. For optimum
	½ - 11⁄5 Ib ai∕A	and before corn is 12 inches tall.			(0.25% v/v)	apply this tank mix to sorghum.	weed control, treat when broadleaves and
	+				1½ pint/A	Apply to field corn	grasses are in the rec-
	1/8 - 1/4 pint/A	Apply to sorghum between the 4 leaf stage			+ 2/3 oz/A	between the 4 leaf stage up to 36 inches in height.	ommended growth stage or size. Follow
		and prior to the preboot			+	Use drop nozzles when	the weed size guideline
		stage (growth stage 4) or 12 inches in height,			1 qt/100 gal. of water	corn is 24-36 inches tall. Do not apply this tank	on the BROCLEAN or Accent labels that are
		whichever comes first.			(0.25% v/v)	mix to sorghum.	least restrictive.
		Do not apply in the boot stage. Use drop nozzles		BROCLEAN +	1 pint/A	Apply to field corn preemergence or post-	All broadleaf weeds controlled by BRO-
		if crop is taller than 8		atrazine	1/2-11/5 lb ai/A	emergence but before	CLEAN + atrazine plus
		inches. 1Clarity may be used	-	+ Accent	+ 2/3 oz/A	the corn is 12 inches tall. Do not apply this tank	grasses and broad leaves controlled by
		at the same rates as		+	+	mix to sorghum.	Accent. For optimum
		Rlfle in a tank mixture on corn. These mixtures		non-ionic surfactant	1 qt/100 gal. of water		weed control, treat when broadleaves and
		must be applied before			(0.25% v/v)	Arrichte Gelel en m	grasses are in the rec-
		corn exceeds 8 inches in height.			1½ pint/A	Apply to field corn between the 4 leaf stage	ommended growth stage or size. Follow
		Do not use Clarity in a			1/2 -11/5 lb ai/A	of corn growth and before	the weed size guideline on the BROCLEAN or
		tank mixture with BROCLEAN or			+ 2/3 oz/A	the corn is 12 inches tall. Do not apply this tank	Accent labels that are
		BROCLEAN + atrazine			+	mix to sorghum.	least restrictive.
BROCLEAN	1 pint/A	on sorghum. Apply to field corn after	All weeds controlled by		1 qt/100 gal. of water		
+	+	emergence and prior to	BROCLEAN at recom-	BROCLEAN	(0.25% v/v)	Apply to field ocra from-	All broadleaf weeds
2,4-D (such as	1/16-1/4 lb ai/A	tassel emergence. Use drop nozzles if crop is	mended rates plus improved pigweed and	+	1 pint/A +	Apply to field corn from 4 to 20 inches in height.	controlled by BRO-
WEEDONE [®] and		taller than 8 inches.	kochia control. For	Beacon®	0.38-0.76	Do not apply this tank	CLEAN at 1 pt/A plus
WEEDAR [®] Brand HERBICIDE)		Apply to sorghum	Canada thistle burn- down and field bind-	+ non-ionic	oz/A (1-2 packets/4	mix to sorghum.	grasses and broad leaves controlled by
HEIBIOIDE)		between the 3 leaf stage	weed suppression up to	surfactant	acres)		Beacon. For optimum
		and prior to the preboot stage (growth stage 4) or	the midbloom stage, use ¹ / ₈ - ¹ / ₄ lb ai/A of		+ 1 qt/100 gal.		weed control, treat when broadleaves and
		15 inches in height.Use	2,4-D with BROCLEAN.		of water		grasses are in the rec-
		drop nozzles if crop is taller than 8 inches.			(0.25% v/v)		ommended growth stage or size. Follow
	1½ pints/A	Apply to field corn	1				the weed size guide
	+ 1/16-1/4 lb ai/A	between the 4 leaf stage and prior to tassel					lines on the BROCLEAN or Beacon
	/10-74 ID al/A	emergence. Use drop					labels that are least
		nozzles if crop is taller than 8 inches.					restrictive.
		Apply to sorghum between the 4 leaf stage					
		and prior to the preboot					
		stage (growth stage 4) or 15 inches in height. Use					
		drop nozzles if crop is					
		taller than 8 inches.					

	I	BROCLEAN®				IMING AND SPECIFIC C	
		REG. NO. 34704-8	391	PRODUCT BROCLEAN +	Preemergence 1-1½ pints/A	CROP Apply to corn or sorghum before planting	WEEDS All weeds controlled by BROCLEAN at recom-
		TIMING AND SPECIFIC C		glyphosate	+	time up until just prior	mended rates of applica-
PRODUCT BROCLEAN	34-1 pint/A +	CROP Apply to field corn from	Addition of Exceed at	(Makaze)	1/2-3 pints/A	to crop emergence.	tion plus control of certain grass and perennial weeds.
+ Exceed [®] + non-ionic	+ 1 qt/100	4 to 48 inches in height and before tasseling, whichever comes first. Do not apply this tank	Addition of Exceed at 0.5 ounce/A to BRO- CLEAN at ¾-1 pint/A will control all weeds on the BROCLEAN label			Refer to glyphosate label for rate to use depending on weeds present at time of application.	- ·
surfactant	gal. of water (0.25% v/v)	mix to sorghum.	at 1 pint/A plus improved control of velvetleaf and pigweed species. Addition of Exceed at 1.0 oz./A to BROCLEAN at ¾-1 pint/A will control all weeds on both the BROCLEAN and Exceed labels. Follow the weed size guidelines on the BROCLEAN and Exceed labels that are least restrictive.	Forage) and Si • BROCLEAN (grass control • Addition of a to crop leaf burr • Seed corn pro- tolerance of con- • Do not apply 3 leaf stage oo • Do not plant r	udangrass does not control gr program be used i spray additive or m oducers should co ertain seed produ BROCLEAN poste of crop growth as e otational crops um	asses. Therefore, it is rec to provide any required gr nixture with liquid fertilizers nsult the respective seed ction inbred lines to BRO0	s may cause excessive corn company regarding CLEAN. nbreds or popcorn prior to the lay occur.
BROCLEAN + Permit [®] + non-ionic surfactant	34-1 pint/A + 1/3- 2/3 oz/A + 1 qt/100 gal. of water (0.25% v/v)	Apply to field corn from the 3 leaf stage to layby. Do not apply this tank mix to sorghum.	Addition of Permit at 1/3 oz./A to BROCLEAN at 3/4- 1 pint/A will control all weeds on the BROCLEAN label at 1 pint/A plus improved control of velvet- leaf and pigweed species. Addition of Permit at 2/3 oz./A to BROCLEAN at 3/4-1 pint/A will control all weeds on both the BROCLEAN and Permit labels. Follow the weed size guidelines on the BROCLEAN and Permit labels that are least restrictive.	 Postemergen result in incre Tank mixtures in increased i or other adjuv may result in Special care s mixtures to avo Tank mixtures Tank mixtures cultivation may Follow all rests with BROCLE Do not apply (growth stage Do not apply 	ce application prio ased crop leaf bur s with Accent/nonic nitial crop leaf bur vants in BROCLEA a further increase should be taken whi of off target drift to s with 2,4-D, Riffle, s with 2,4-D and R cause breakage v trictions and preca EAN. BROCLEAN at an 4) as severe crop the 2 pints/A rate of	r to the 3 leaf growth stag n. onic surfactant or Beaconv n. Use of crop oil concenti N + Accent or BROCLEA in crop leaf burn. hen using BROCLEAN, F is sensitive crops. or Clarity can cause stalk file can cause stalk brittle vhile crop is brittle. utions on the label of all p y rate to sorghum after th injury, including loss of ci of BROCLEAN to sorghur	ness to sorghum. Winds or products used in tank mixture e preboot stage of growth rop yield may result. n.
BROCLEAN	1 pint/A	Apply to field corn	All weeds controlled by			 Pursuit tankmix except to r severe crop injury may 	o field corn hybrids known to
+ Stinger [®]	+ 1/3- 2/3 pint/A 1 1/2 pints/A	after emergence up to 24 inches in height. Do not apply this tank mix to sorghum. Apply to field corn from	BROCLEAN at recom- mended rates of applica- tion plus improved Canada thistle burndown. For optimum perfor-	possess resis	WHEAT, BAR	LEY, OATS, RYE AND T EAN RECOMMENDATIO IMING AND SPECIFIC O	RITICALE
	+ 1/3- 2/3 pint/A	4 leaf stage up to 24 inches in height. Do not apply this tank mix to sorghum.	mance apply to Canada thistle at least 4 inches in diameter or height but before bud stage.	PRODUCT BROCLEAN	RATE 1 - 2 pints/A	CROP Spring seeded wheat, barley, oats, rye and triticale. Use in all	WEEDS Apply 1 pint/A to MOST SUSCEPTIBLE and 1½-2 pints/A to SUSCEPTIBLE
BROCLEAN +	1 pint/A +	Apply to field corn after emergence and before	All weeds controlled by BROCLEAN + atrazine			states except Idaho, Oregon, Washington,	weeds that do not exceed the 4 leaf stage or 2
atrazine + Stinger [®]	1/2-11/5 lb ai/A + 1/3- 2/3 pint/A	corn is 12 inches tall. Do not apply this tank mix to sorghum.	tank mixtures at recom- mended rates of applica- tion plus improved			Colorado, Wyoming and Montana. Apply from emergence up	inches in height, which ever comes first. If weed forms rosette, apply
	1½ pints/A + ½-11/5 lb ai/A + 1/3- 2/3 pint/A	Apply to field corn from 4 leaf stage and before corn is 12 inches tall. Do not apply this tank mix to sorghum.	Canada thistle burndown. For optimum performance apply to Canada thistle at least 4 inches in diameter or height but before bud stage.			and prior to the boot stage.	before weeds exceed 1 inch in diameter. Use BROCLEAN at 1½-2 pints/A for control of kochia that is 2-4 inches in height and pigweed that does not exceed the
BROCLEAN + Pursuit [®]	34-1 pint/A + 4 ounces/A	Apply this tank mix only on field corn hybrids possessing	This tank mix will control all broadleaf weeds listed as controlled by BRO-				4 leaf stage or 2 inches in height, whichever comes first.
+ nonionic surfactant + UAN fertilizer	+ 1 qt/100 gals. + 1-2 qts./A	resistance to Pursuit herbicide. Contact your seed supplier for further information. Apply this tank mix to	CLEAN at %-1 pint/A plus giant foxtail, redroot pigweed, and other grass and broadleaf weeds listed on the Pursuit		1½-2 pints/A	Fall seeded wheat, barley, oats, rye and triticale throughout the United States. Apply	Apply to MOST SUSCEP- TIBLE weeds (see Gen- eral Weed List) up to the 8 leaf stage or 4
solution		corn between the 3 leaf to 8 leaf stage of growth. Do not use crop oil concentrates when applying BROCLEAN + Pursuit tank mixtures.	label.			from emergence to the boot stage. 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.	inches in height, which ever 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 diame- ter, whichever comes first.

stage.

		BROCLEAN®		A	PPLICATION T	IMING AND SPECIFIC (OMMENTS WEEDS
	EPA F	EG. NO. 34704-8	391	BROCLEAN	34-11/2 pints/A	Apply to wheat and	This tank mix improves
		N TIMING AND SPECIF	IC COMMENTS	+ Finance®	+	barley from the 2 leaf	control of broadleaves
PRODUCT	RATE	CROP	WEEDS	Finesse® +	¹ /6- ¹ /3 oz/A	stage and before the boot stage. Refer to	such as tansy mustard, henbit, chickweed and
BROCLEAN	Chemigation	Apply to wheat, barley,	Apply to MOST SUS-	nonionic	1 qt/100	Finesse label for crop	pigweed. Apply to weeds
	Only	oats, rye and triticale from emergence to the	CEPTIBLE broadleaf weeds up to the 8 leaf	surfactant	gal. of water	rotation and other	up to the 4 leaf stage, 4
	2 pints/A	boot stage. Apply	stage or 4 inches in			restrictions.	inches in height or 2 inches in diameter,
		through automated	height or 2 inches in				whichever comes first.
		sprinkler irrigation	diameter, whichever	BROCLEAN	34-11/2 pints/A	Apply to wheat and	This tank mix improves
		systems with a mech- anical transfer loading	comes first. Apply to SUSCEPTIBLE broadleaf	+ Ambar®	+	barley after the 3 leaf	control of broadleaves
		system only. See	weeds up to the 4 leaf	Amber [®] +	0.28-0.56 oz/A	stage and before the flag leaf is visible.	such as tansy mustard, henbit, and pigweed.
		MIXING, LOADING	stage, 2 inches in height	nonionic	0.25-0.5% v/v	Refer to the Amber	Apply to weeds up to the
		AND HANDLING	or 1 inch in diameter, whichever comes first.	surfactant		label for crop rotation	4 leaf stage, 4 inches in
		section for complete	Do not use chemigation			and other restrictions.	height or 2 inches in diameter, whichever
		details.	for control of weeds that				comes first.
			exceed 4 inches in height	BROCLEAN	1-11/2 pints/A	Winter wheat. Apply	This tank mix improves
			because control may be unacceptable.	+ Express®	+ 1/6-1/3 oz/A	after crop is in the 2 leaf stage and before	control of broadleaf weeds such as redroot
	Barley, oats,	Apply to barley, oats,	Apply 1 pint/A to MOST	+	+	the flag leaf is visible.	pigweed, tansy mustard
	rye, triticale,	rye, triticale, and wheat	SUSCEPTIBLE and 11/2	nonionic	1 qt/100	Refer to Express	and suppression of
	and wheat underseeded	underseeded with alfalfa after barley,	pints/A to SUSCEPTIBLE broadleaf weeds that do	surfactant	gal. of water	label for crop rotation	Canada thistle. Apply to
	with alfalfa	oats, rye, triticale, and	not exceed the 4 leaf		34-11/2 pints/A	and other restrictions. Spring wheat and barley.	annual weeds up to the 4 leaf stage, 4 inches tall or
		wheat emerge up to	stage, 2 inches in height		+	Apply after crop is in	across and to Canada
	1-11/2 pints/A	the boot stage and	or 1 inch in diameter,		1/6-1/3 oz/A	the 2 leaf stage and	thistle 4 to 8 inches tall
		when underseeded alfalfa has a minimum	whichever comes first.		+ 1 gt/100	before the flag leaf is visible. Refer to	with 2 to 6 inches of new growth.
		of 4 trifoliate leaves.			gal. of water	Express label for crop	growur.
		Follow all precautions				rotation and other	
		and restrictions listed under the barley, oats,		BROCLEAN	3/ 11/ minto/A	restrictions.	This taple mix improves
		rye, triticale, wheat and		BROCLEAN +	34-11/2 pints/A	Winter wheat. Apply after the 2 leaf stage	This tank mix improves control of broadleaf
		seedling alfalfa sections.		Harmony® Extra	³ /10- ¹ /2 oz/A	and before the 3rd node	weeds such as henbit,
В	BOCI FAN TAN	IK MIXTURE RECOMMI		+	+	is detectable. Refer to	chickweed and redroot
	PPLICATION T	IMING AND SPECIFIC (nonionic surfactant	1 qt/100 gal. of water	the Harmony Extra label for crop rotation	pigweed. Apply to weeds up to 4 leaf stage, 4
PRODUCT	RATE	CROP	WEEDS	Sundolani	gai. or water	and other restrictions.	inches in height or
BROCLEAN +	1-2 pints/A	Apply to wheat, barley, oats and rye from the	This tank mix improves control of mustards and				across whichever comes
2,4-D	1/4-1/2 lb ai/A	fully tillered and before				Spring wheat and barley. Apply after the 2 leaf	first.
(such as		jointing stage.	up to the 4 leaf stage, 2			stage and before the 1st	
WEEDONE or WEEDAR brand			inches in height or 1 inch in diameter, whichever			node is detectable.	
HERBICIDE)			comes first.			Refer to the Harmony Extra label for crop	
,	3/4-1 pint/A	Apply to wheat and	This tank mix improves			rotation and other	
	+ 1⁄4-1⁄2 lb ai/A	barley in Minnesota, North and South	control of wild buck- wheat, redroot pigweed			restrictions.	
	74-72 ID dl/A	Dakota from the fully	and wild mustard. Apply	BROCLEAN +	1-1½ pints/A	Apply to wheat and barley after the crop	This tank mix improves control of kochia, wild
		tillered and before the	to weeds up to the 4 leaf	Curtail®	2 pints/A	begins to tiller up to	buckwheat and Canada
		jointing stage.	stage, 2 inches in height or 1 inch in diameter,	or	1.	the 1st node detectable.	thistle. Apply to annual
			whichever comes first.	Curtail M			broadleaf weeds up to the 8 leaf stage up to 4
BROCLEAN	1-2 pints/A	Apply to wheat, barley,	This tank mix improves				inches in height or 2
+ MCPA	+ 1⁄4-1⁄2 lb ai/A	oats and rye from the 4 leaf stage and	control of mustards, pig- weed and kochia. Apply				inches in diameter and
(such as	74-72 ID al/A	before jointing.	to weeds up to the 4 leaf				Canada thistle in the
RHONOX [®] or		5	stage, 2 inches in height	BROCLEAN	1-1¼ pints/A	Winter wheat in Idaho,	rosette to prebud stage. This tank mix improves
RHOMENE®)			or 1 inch in diameter,	+	+	Montana, Oregon and	control of broadleaves
BROCLEAN	1-1½ pints/A	Fall seeded wheat	whichever comes first. This tank mix improves	Metribuzin	1/8-1/4 lb ai/A	Washington. Apply in	such as chickweed, fila-
+	+	apply prior to the	control of broadleaves	(Metribuzin 75)		spring after growth has started and secondary	ree, henbit and dog- fennel. Apply to weeds
Rifle	1/8-1/4 pint/A	jointing stage. Spring	such as prostrate knot-			roots with a minimum	that do not exceed 2
		seeded wheat apply up to the 5 leaf stage.	weed. Apply to weeds up to the 4 leaf stage, 2			of 3 to 4 tillers have	inches tall or rosettes of
		ap to the o lour stuge.	inches in height or 1 inch			been established and before boot stage.	2 inches in diameter. The higher use rates of
			in diameter, whichever			Avoid application when	both products should be
BROCLEAN	34-11/2 pints/A	Apply to wheat and	comes first. This tank mix improves			crop has experienced	used only in emergency
+	+	barley from the 2 leaf	control of broadleaves			winter kill, frost damage,	weed situations and if
Glean®	1/6-1/3 oz/A	stage and before boot	such as henbit, tansy			disease or drought.	some minor crop injury is acceptable. A recognized
+	+	stage. Refer to Glean	mustard and pigweed.				authority should be
nonionic surfactant	1 qt/100 gal. of water	label for crop rotation and other restrictions.	Apply to weeds up to the 4 leaf stage, 4 inches in				consulted concerning the
	3 0. Maiol		height or 2 inches in				use of this mixture in your area.
Sunaciant			diameter, whichever	BROCLEAN	1 pint/A	Winter wheat and winter	This tank mix improves
Sunaciant			comes first.	+	+	barley in Idaho, Oregon	control of broadleaves
	3/ 11/2 pinto/A	Apply to wheat and		diuron	4/10 lb ai/A	and Washington. Use	such as henbit and
BROCLEAN +	34-1½ pints/A	Apply to wheat and barley from the 2 leaf	This tank mix improves control of broadleaves	diatori		and the arrest of	ana ana tanàna dia kaominina dia ka
	³ / ₄ -1½ pints/A + ¹ /10 oz/A	barley from the 2 leaf stage and before the	control of broadleaves such as tansy mustard			only in areas where	gromwell. Apply to weeds
BROCLEAN + Ally® +	+ 1/10 oz/A +	barley from the 2 leaf stage and before the boot stage. Refer to	control of broadleaves such as tansy mustard and pigweed. Apply to			only in areas where annual rainfall exceeds 16 inches. One fall	gromwell. Apply to weeds before they are 2 inches tall or 2 inches in
BROCLEAN + Ally® + nonionic	+ ¹ /10 oz/A + 1 qt/100	barley from the 2 leaf stage and before the boot stage. Refer to Ally label for crop	control of broadleaves such as tansy mustard and pigweed. Apply to weeds up to the 4 leaf			annual rainfall exceeds 16 inches. One fall application after emer-	before they are 2 inches
BROCLEAN + Ally® +	+ 1/10 oz/A +	barley from the 2 leaf stage and before the boot stage. Refer to	control of broadleaves such as tansy mustard and pigweed. Apply to	didion		annual rainfall exceeds 16 inches. One fall	before they are 2 inches tall or 2 inches in

FORAGE, FIBER AND SPECIALTY CROPS ALFALFA (SEEDLING) BROCLEAN RECOMMENDATIONS

table crop injury.

			APPLICATION TIMING AND SPECIFIC COMMENTS				
		IK MIXTURE RECOMMI		PRODUCT	RATE	CROP	WEEDS
		IMING AND SPECIFIC (BROCLEAN	1-11/2 pints/A	In the states of Cali-	Apply 1 pint/A to MOST
PRODUCT	RATE	CROP	WEEDS			fornia, Washington,	SUSCEPTIBLE broad-
ROCLEAN	1 pint/A	Spring wheat. Apply	In addition to broadleaf			Oregon, Idaho, Montana,	leaf weeds and 11/2
ïller®	+	when crop begins to	weeds controlled by			Wyoming, Colorado,	pints/A for SUSCEP-
llier	1 pint/A	tiller (3-4 leaf stage)	BROCLEAN, this tankmix			Utah, Nevada, Arizona,	TIBLE broadleaf weeds
		up to the 6 leaf stage. Refer to the Tiller label	will control green foxtail from the 2-leaf to 2-tiller			New Mexico, and the	(See General Weed List)
						western halves of	when weeds do not
		for complete use direc- tions and restrictions.	stage of growth.			North Dakota, South	exceed 4 leaf stage, 2
ROCLEAN	1 -2 pints/A	Spring Barley. After	This tank mix will provide			Dakota, Nebraska and	inches in height or 1 inch
HOULLAN	1 -2 pinto/A	emergence and before	wild oat, green foxtail and			Kansas: Apply in the fall	in diameter, whichever
oelon®	2 ² /3 pints/A	jointing. Avoid using this	annual ryegrass control			or spring to seedling	comes first. BROCLEAN
001011	2 /3 pinto//	tank mixture on barley	in addition to broad-			alfalfa when the majority of the field has a	will not adequately contro over-wintered penny-
		exposed to cold (lower	leaves. Apply to grasses			minimum of 2 trifoliates.	cress, henbit and
		than 40 degrees F)	1-3 leaf stage and			Unacceptable crop	mustards.
		and/or prolonged wet	broadleaves no larger			injury may occur to	mustarus.
		weather conditions as	than 4 leaf stage or			alfalfa seedlings less	
		crop injury may result.	rosettes of 1.5 inches in			than the 2 trifoliate	
			diameter.			stage. BROCLEAN	
	1-2	Winter wheat and	T			applications made when	
	pints/A	spring wheat. After				temperatures are	
	+	emergence and before				expected to exceed	
	2 ² /3-3 ¹ /3 pints/A	jointing.				80°F at and 3 days	
ROCLEAN	1-2 pints/A	Winter wheat and				following application can	
	+	spring wheat. After				result in unacceptable	
oelon	2-2 ² /3 pints/A	emergence and before				crop injury. In the	
	+	jointing. Use a				remaining states	
rop oil	1-2 pints/A	minimum of 10 gallons				apply in the fall or spring	
oncentrate		of spray volume per				to seedling alfalfa when	
		acre.				the majority of the field	
						has a minimum of 4	
		DO NOT USE ON				trifoliate leaves. When	
5001 EAN		BARLEY				alfalfa stand is uneven	
ROCLEAN	1-2 pints/A	Winter Wheat. Four	This tank mix will provide			and conditions favor	
TM	+	leaf to tillering stage.	wild oat control in			leafburn, unacceptable	
venge™	21/2-4 pints/A	Refer to Avenge label	addition to broadleaves.			crop injury may occur	
		for varietal and other	Apply to wild oats in the			to alfalfa in the 2 trifoliate	
		restrictions.	3-5 leaf stage and broad-			or smaller stage of	
		Spring Wheat. Five to 6 leaf stage. Refer to	leaves that do not exceed the 4 leaf stage			growth. If you are un-	
		Avenge label for varietal	or rosettes of 1.5 inches			sure of growth stage	
		and other restrictions.	in diameter.			conditions, contact	
		Barley. Two to 7 leaf				your local extension	
		stage.	Avenge use rates per			service. BROCLEAN	
		olugo.	acre are 2.5 pints (1-10			applications made when temperatures are expec-	
			oats per sq. ft.), 3 pints			ted to exceed 70°F at	
			(11-25 oats per sq. ft.) or		1-11/2 pints/A	and 3 days following	
			4 pints (more than 25		1-1/2 pinto/A	application can result in	
			oats per sq. ft.).			unacceptable crop injury.	
						Follow all other use	
ESTRICTIONS	S AND PRECAUT	FIONS: Small Grains (W	heat, Barley, Oats, Rye and			directions listed on the	
riticale)						BROCLEAN label.	
		nin 45 days following trea	tment.	BROCLEAN	Chemigation	Apply to seedling	Apply to MOST SUSCEP
		under moisture stress.			Only	alfalfa with a minimum	TIBLE broadleaf weeds
	when crop canop	by covers the weeds as p	oor weed control will			of 2 trifoliate leaves.	up to the 8 leaf stage, 4
result.					2 pints/A	Apply through auto-	inches in height or 2
		ed alfalfa is under moisture				mated sprinkler irriga-	inches in diameter,
disease stress	s or has been stre	essed by other pesticide c	arryover or application.			tion systems with a	whichever comes first.
Dener		8	alour on alout offer?			mechanical transfer	Apply to SUSCEPTIBLE
		p oil when applying to un	derseeded altalfa or			loading system only.	broadleaf weeds up to th
increased inju	,	wine tweeters	d alfalfa within 00 days			See MIXING LOADING	4 leaf stage, 2 inches in
		ring treated underseeded	analia within 30 days			AND HANDLING	height or 1 inch in diam-
following treat		l or winter treated under	readed alfalfa until			INSTRUCTIONS Sec-	eter, whichever comes
		I or winter treated unders	eeueu alialia ufilli			tion for complete details.	first.
	st 60 days followi		esed from lack of moisture			BROCLEAN applica-	
		cui when weeds are stre	essed from lack of moisture			tions made when	
or cold tempe		d in tank mixture of addit	tional rostrictions and			temperatures are	
precautions.	s or products use	ed in tank mixture of addi				expected to exceed	
	rotational crops u	ntil the following use sea	son			85°F at and 3 days	
		not exceed 0.5 lb. ai bro				following application	
Broclean/A).	addive rate must	not enceed 0.3 lb. al DIU	novininu (= hine			can result in unaccep-	
Dioclean/A).					1	table crop injury	1

BROCLEAN®

		BROCLEAN®		A	PPLICATION T	IMING AND SPECIFIC	COMMENTS
	EPA F	REG. NO. 34704-8	391	BROCLEAN	1/2-3/4 pint/A	In all states except	BROCLEAN at ½ pint/A
				+	+	California, Washington,	tank mixed with Pursuit
PRODUCT	PPLICATION T	IMING AND SPECIFIC C	WEEDS	Pursuit	3-6 oz./A	Oregon, Idaho, Mon-	will control common lambs-
BROCLEAN	1 pint/A	Apply in the fall or	This tank mix improves	+ non-ionic	+ 1 qt/100 gals.	tana, Wyoming, Colorado, Utah,	quarters up to 2 inches in height plus weeds list-
+	+	spring to seedling	control of pigweed (sp),	surfactant	· · · · · · · · · · · · · · · · · · ·	Nevada, Arizona, New	ed on the Pursuit label.
BUTYRAC [®] 200	1 quart/A	alfalfa when the	kochia, and tansy mus-			Mexico, and the wes-	BROCLEAN at 3/4 pint/A +
(2,4-DB)		majority of the field has a minimum of 4	tard. Apply when weeds do not exceed the 4 leaf			tern halves of North Dakota, South Dakota,	Pursuit will control the MOST SUSCEPTIBLE
		trifoliate leaves. When	stage, 2 inches in height			Nebraska and Kansas:	annual broadleaf weeds
		alfalfa stand is uneven	or 1 inch in diameter,			Apply in the fall or	(See General Weed List)
		and conditions favor leaf burn, unacceptable	whichever comes first. BROCLEAN +			spring to seedling	when weeds do not exceed the 4 leaf stage, 2
		crop injury may occur	BUTYRAC 200 tank mix-			alfalfa when the majority of the field	inches in height or 1 inch
		to alfalfa in the 2 tri-	tures will not adequately			has a minimum of 2	in diameter, whichever
		foliate or smaller stage of growth. If you are	control over-wintered pennycress, henbit and			trifoliate leaves. When alfalfa stand is	comes first plus weeds listed on the Pursuit label.
		unsure of growth stage	mustards.			uneven and conditions	Applications should be
		conditions, contact				favor leafburn, unac-	made when the majority
		your local extension service. In the states				ceptable crop injury	of the weeds are 1-3 inch- es tall and when common
		of California, Wash-				may occur to alfalfa treated prior to the	lambsquarters do not
		ington, Oregon, Idaho,				2nd trifoliate stage of	exceed 4 inches in height.
		Montana, Wyoming, Colorado, Utah, Nevada,				growth. If you are un-	For low growing weeds
		Arizona, New Mexico,				sure of growth stage conditions, contact	(such as mustards) apply before the rosette
		and the western halves				your local extension	exceeds 3 inches in diam-
		of North Dakota, South Dakota, Nebraska and				+ Pursuit applications	eter. Refer to the Pursuit label for a list of suscepti-
		Kansas, BROCLEAN				made when temper-	ble weeds at each of the
		applications made				atures are expected	recommended rates.
		when temperatures are expected to exceed				to exceed 70° F at	
		80°F at and 3 days				and 3 days following applications can result	
		following application				in unacceptable crop	
		can result in unaccep- table crop injury. In the				injury.	
		remaining states				TIONS: Alfalfa (Seedling	
		BROCLEAN applica-					on. Warm, humid conditions
		tion made when temp- eratures are expected					ected. Alfalfa yield should not se compared to a weedy field
		to exceed 70°F at and		due to weed rem	noval.		
		3 days following app-				ler moisture, temperature ticide carryover or applica	e, insect or disease stress or
		lication can result in unacceptable crop					e use directions because
		injury. Rainfall or over		increased alfalfa			· · · · · · · · · · · · · · · · · · ·
		head irrigation within				g treated alfalfa within 30 c	ntil spring, at least 60 days
		7-10 days following a BUTYRAC [®] applica-		following treatme			na opinig, a load oo dayo
		tion can cause unac-			ive rate of BROO	CLEAN may not exceed 0.	5 lb ai bromoxynil/A (2 pints
		ceptable crop injury.		Broclean/A). • The use of Epta	m® preemeraer	nce mav enhance crop le	af burn from postemergence
BROCLEAN +	³ ⁄4 - 1 pint/A +	In the states of Cali- fornia, Washington,	This tank mix will control MOST SUSCEPTIBLE	application of BF	ROCLEAN and	should be considered pri	or to using BROCLEAN.
+ Pursuit [®]	3-6 ounces/A		broadleaf weeds (See	 Follow all restrict BROCLEAN tan 		utions on the tank mixtur	e product label when a
+	+	tana, Wyoming, Col-	General Weed List)				p leaf burn especially under
non-ionic surfactant	1 qt/100 gals.	orado, Utah, Nevada, Arizona. New Mexico.	when weeds do not exceed the 4 leaf stage,	warm, humid we			
Sunaciant		and the western halves	2 inches in height or 1			ed to seedling alfalfa that beat that include wheat the	arley, oats, rye and triticale.
		of North Dakota, South	inch in diameter, which	See application			YE, TRITICALE, WHEAT
		Dakota, Nebraska and Kansas: Apply in the	ever comes first; and other grass and broad-	SECTION. Painfall or overh	and irrigation w	ithin 7 10 days following	BUTYRAC 200 application
		fall or spring to seed-	leaf weeds listed on the	can cause unac			
		ling alfalfa when the	Pursuit label. Weeds			// inium voitotiookum onl	
		majority of the field has a minimum of 2	should be 1-3 inches tall for optimum control.			((<i>Linium usitatissium</i> onl EAN RECOMMENDATIO	
		trifoliate leaves.			PPLICATION T	IMING AND SPECIFIC	COMMENTS
		When alfalfa stand is		PRODUCT	RATE 1 pipt/A	CROP	WEEDS
		uneven and conditions favor leafburn, unaccep-		BROCLEAN	1 pint/A	Apply to flax that is 2 to 8 inches in height.	Apply to MOST SUSCEP- TIBLE weeds that do not
		table crop injury may				Do not apply BRO-	exceed the 4 leaf stage, 2
		occur to alfalfa treated				CLEAN to flax during	inches in height or 1 inch
		prior to the 2nd trifoliate stage of growth. If you				or after the bud stage.	in diameter, whichever comes first.
		are unsure of growth					·
		stage conditions,				NK MIXTURE RECOMM	
		contact your local extension service.		PRODUCT	PPLICATION T	IMING AND SPECIFIC	WEEDS
		BROCLEAN + Pursuit		BROCLEAN	1 pint/A	Apply to flax that is 2	This tank mix will control
		applications made		+ Do o ot	+	to 8 inches in height.	broadleaf weeds plus
		when temperatures		Poast +	1-1½ pints/A	Do not apply this tank mix to flax during or	grassy weeds listed on the Poast label. Apply to
		are expected to exceed 80° F at and 3 days		+ Crop oil	2 pints/A	after the bud stage,	MOST SUSCEPTIBLE
		following application		Concentrate or	or	or within 75 days of	broadleaf weeds (see list
		can result in unaccep-		Dash ®	2 pints/A	flax harvest.	on the BROCLEAN label) that do not exceed the 4
		table crop injury.	ļ				leaf stage, 2 inches in
							height or 1 inch in dia-
							meter, whichever comes
					1	1	first.

RESTRICTIONS AND PRECAUTIONS: Flax (Linium usitatissium 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

PRODUCT	RATE	CROP	WEEDS
BROCLEAN	1 ¹ / ₂ -2 pints/A	Apply to garlic after	Apply to MOST SUSCEP-
	-	emergence and before	TIBLE and SUSCEPTI-
		12 inches in height.	BLE broadleaf weeds up
BROCLEAN	1 ¹ / ₂ -2 pints/A	Apply to garlic after	to the 4 leaf stage, 2 inch
(Only for garlic	-	emergence and before	es in height or 1 inch in
grown in muck		12 inches in height.	diameter, whichever
soils in North-		_	comes first.
eastern* United		*May be harvested 60	
States)		days after treatment.	

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

APPLICATION TIMING AND SPECIFIC COMMENTS					
PRODUCT	RATE	CROP	WEEDS		
BROCLEAN	1-1½ pints/A	Apply to dormant or actively growing established peppermint or spearmint crops that exhibit good vigor.	Apply to MOST SUS- CEPTIBLE and SUS- CEPTIBLE weeds that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.		
	Chemigation 2 pints/A only	Apply to dormant or actively growing established peppermint or spearmint crops that exhibit good vigor. Apply through auto- mated sprinkler irriga- tion systems with a mechanical transfer loading system only. See MIXING, LOADING AND HANDLING INSTRUCTIONS section for complete details.			

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 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.

A		ONIONS EAN RECOMMENDATIO	
	RATE	CROP	WEEDS
	Preemergence 1-1 ½ pints/A	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. Rainfall or irrigation within 2 days following pre- emergence applications or 3 days prior to crop emergence may result in unacceptable crop injury. Preemergence	Apply BROCLEAN at 1 pint/A to control MOST SUSCEPTIBLE weeds and 1½ pints/A for SUS- CEPTIBLE weeds. Weeds should not exceed the 4 leaf stage, 2 inches in height or 1 inch in dia- meter, whichever comes first.

applications can be applied using either ground or aerial equipment.

Apply only to onions

which have 2 to 5 true

Use at least 50-70 gallons of water per acre and **apply by** ground equipment or

chemigation only.

important - CONCEN-

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 drv at the time of application. Humidity should be low and dew should be off the plants

TRATED SPRAYS

Water volume is

KILL ONIONS.

leaves.

Postemergence

1-11/2 pints/A

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.

PRODUCT

BROCLEAN

- 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					
PRODUCT	RATE	CROP	WEEDS		
BROCLEAN	1-2 pints/A	Apply to grasses after emergence. If alfalfa is planted, apply after the 4 trifoliate leaf stage.	Apply to MOST SUS- CEPTIBLE and SUS- CEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.		
	Chemigation 2 pints/A only	Apply to grasses after emergence. If alfalfa is planted apply after the 4 trifoliate leaf stage. Apply through auto- mated sprinkler irriga- tion systems with a mechanical transfer loading system only. See MIXING, LOADING AND HANDLING INSTRUCTIONS section for complete details.			

APPLICATION TIMING AND SPECIFIC COMMENTS					
Product	RATE Per ACRE	RATE Per 1000 SQ.FT.	CROP	WEEDS	
BROCLEAN cont'd.:	Chemi- gation 2 pints only	0.75 fl. oz.	Apply to established and newly seeded grasses grown for seed or sod production before the boot stage. Apply through automated sprinkler irrigation systems with mechanical transfer loading system only. See MIXING, LOADING AND HANDLING INSTRUC- TIONS section for complete details. Refer to the list of established grasses that are tolerant to BROCLEAN.		

RESTRICTIONS AND PRECAUTIONS: Grasses grown for seed or sod production.

- Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
 Do not apply BROCLEAN to grasses grown for seed or sod production with backpack or
- hand-held application equipment.
- Maximum 0.5 lb ai/A per season.

BROCLEAN TANK MIXTURE RECOMMENDATIONS

APPLICATION TIMING AND SPECIFIC COMMENTS					
PRODUCT	RATE	CROP	WEEDS		
BROCLEAN	1-2 pints/A	Apply to CRP areas	This tank mix improves		
+	+	after grasses have	control of mustards, pig-		
Rhomene	1/4 -1/2 pint/A	reached the 3 leaf	weed, and kochia. Apply		
or Rhonox		stage.Do not use this	up to the 4 leaf stage, 2		
(MCPA)		tank mixture in areas	inches in height or 1 inch		
		where alfalfa or other	in diameter, whichever		
		legumes have been	comes first.		
		planted.			

RESTRICTIONS AND PRECAUTIONS: CRP AREAS

- · Do not allow livestock to graze in treated areas or feed treated grass and forage to livestock.
- Do not add spray adjuvants or fluid fertilizers when applying BROCLEAN to CRP
- 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 1½ pints/A of BROCLEAN to CRP areas that are underseeded with alfalfa.
- Maximum 0.5 lb ai/A per season.
- Maximum rate for areas underseeded with alfalfa is 0.375 lb ai bromoxynil (1.5 pints/A Broclean) per year.

GRASSES GROWN FOR SEED OR SOD PRODUCTION **BROCLEAN RECOMMENDATIONS** Seedling and Established Grasses

	RATE	BATE	MING AND SPECIFIC C	WEEDS
Product	Per	Per 1000	0.101	TLLDO
	ACRE	SQ.FT.		
BROCLEAN	1 to 2 pints	0.375 to 0.75 fl. oz.	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 Bent- grasses, perennial Rye- grasses, Bahiagrass and Zoysiagrass.	Refer to the General Weed List for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).

NON-RESIDENTIAL TURFGRASS BROCLEAN RECOMMENDATIONS Seedling and Established Non-Residential Turfgrass APPLICATION TIMING AND SPECIFIC COMMENTS ATE RATE CROP WEEDS BATE

Product	Per	Per 1000 SQ.FT.		WLLDO
BROCLEAN	1 to 2 pints	.0375 to 0.75 fl. oz.	Apply to established and newly seeded non- residential turfgrass when weeds are small and actively growing. Established turfgrasses that are tolerant to BROCLEAN include bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermuda- grass, St. Augustine- grass, Bermuda- grass, St. Augustine- grass and Zoysiagrass. BROCLEAN may also be used on seedling grasses such as Merion, Park, Delta, or com- mon Kentucky Blue- grasses, Pennlawn, Chewings, Illahee or Alta Fescues, Orchard- grass, Highland, Sea- side or Astoria Bent- grasses, Bahiagrass and Zoysiagrass.	Refer to the General Weed List for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).

RESTRICTIONS AND PRECAUTIONS: Non-residential turfgrasses

- 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-RESIDENTIAL TURFGRASS BROCLEAN TANK MIXTURE RECOMMENDATIONS Established Non-Residential Turfgrass APPLICATION TIMING AND SPECIFIC COMMENTS

APPLICATION TIMING AND SPECIFIC COMMENTS							
RATE Product	RATE Per ACRE	Per 1000 SQ.FT.	CROP	WEEDS			
BBOCI FAN			Apply to established	All weed species previ-			
BROCLEAN + Weedone DPC Ester	ACRE 2 Pints + 3 to 4 Pints	SQ.FT. 0.75 fl. oz. + 1.125 to 1.5 fl. oz.	Apply to established non-residential turf grass only. This treat- ment may cause injury to bentgrasses, St. Augustinegrass, centipedegrass, and carpetgrass.	All weed species previ- ously listed in the General Weed List for BROCLEAN plus the following species: Dandelion (<i>Taraxacum</i> officinale) Plantains (<i>Plantago</i> spp.) Ground Ivy (<i>Glechoma</i> hederacea) Red Clover (<i>Trifolium</i> pratense) White Clover (<i>Trifolium</i> repens) Hop Clover (<i>Trifolium</i> agrarium) Common Chickweed (<i>Stellaria media</i>) Prostrate Spurge (<i>Euphorbia supina</i>) Oxalis (<i>Oxalis europaea</i>) Knotweed (<i>Polygonum</i> aviculare) Optimal control will be attained when weeds are treated in the seedling			
	2 Pinte	0.75 fl oz	Apply to actablished	stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).			
BROCLEAN + MCPP BROCLEAN	2 Pints + 1.0 lb ai 2 Pints	0.75 fl. oz + 0.025 lb ai.	ment is not recom- mended for use on St. Augustinegrass or centipedegrass.	All weed species previ- ously listed in the General Weed List for BROCLEAN plus the following species: Red Clover (<i>Trifolium</i> <i>pratense</i>) White Clover (<i>Trifolium</i> <i>repens</i>) Common Chickweed (<i>Stellaria media</i>) Mouseear Chickweed (<i>Cerastium vulgatum</i>) Ground Ivy (<i>Glechoma</i> <i>hederacea</i>) Stitchwort (<i>Stellaria</i> <i>gramminea</i>) Knotweed (<i>Polygonum</i> <i>aviculare</i>) Prostrate Spurge (<i>Euphorbia supina</i>) 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). All weed species previ-			
+ Dicamba	2 Pints + 0.125 to 0.25 lb ai	0.75 TL 02. + 0.006 to 0.012 lb ai	Apply to established non-residential turf- grass only. This treat- ment may cause injury to bentgrasses, St. Augustinegrass, centipedegrass, and carpetgrass.	All weed species previ- ously listed in the General Weed List for BROCLEAN and the following species: Red Clover (<i>Trifolium</i> <i>pratense</i>) White Clover (<i>Trifolium</i> <i>repens</i>) Common Chickweed (<i>Stellaria media</i>) Mouseear Chickweed (<i>Cerastium vulgatum</i>) Pepperweed (<i>Lepidium</i> spp.) Knotweed (<i>Polygonum</i> <i>aviculare</i>) 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).			

Product	RATE Per ACRE	RATE Per 1000 SQ.FT.	CROP	WEEDS
BROCLEAN + MCPP + Dicamba	2 Pints + 0.5 to 1.0 lb ai + 0.125 to 0.25 lb ai	+ 0.0125 to 0.025 lb ai +	ment is not recom- mended for use on St. Augustinegrass or	All weed species previ- ously listed in the General Weed List for BROCLEAN and BROCLEAN/ Dicamba tank mixtures plus the following species: Dandelion (<i>Taraxacum</i> <i>officinale</i>) Plantains (<i>Plantago</i> spp.) 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).
BROCLEAN + MCPP + 2,4-D	2 Pints + 0.5 to 1.0 lb ai + 0.5 to 1.0 lb ai	0.025 lb ai +	Apply to established non-residential turf- grass only. This treat- ment is not recom- mended for use on St. Augustinegrass or centipedegrass.	All weed species previ- ously listed in the General Weed List for BROCLEAN and BROCLEAN/2,4-D tank mixtures plus the following species: Dandelion (<i>Taraxacum</i> <i>officinale</i>) Plantains (<i>Plantago</i> spp.) Red Sorrel (<i>Rumex</i> <i>acetosella</i>) Knotweed (<i>Polygonum</i> <i>aviculare</i>) 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 sorrell will require the high use rate of 2,4-D or MCPP.

RESTRICTIONS AND PRECAUTIONS: Tank Mixture Recommendations Non-residential turfgrasses BROCLEAN/WEEDONE DPC tankmixes are not allowed in California.

- 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 NON-CROPLAND AND INDUSTRIAL SITES **BROCLEAN RECOMMENDATIONS**

Product	RATE Per ACRE	RATE Per 1000 SQ.FT.	CROP	WEEDS
BROCLEAN	1 to 2 Pints	0.375 to 0.75 fl. oz.	Apply to non-cropland and industrial sites when weeds have emerged and are actively growing.	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).

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.

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be dis-posed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Nonrefillable container. Do not reuse this container to

hold materials other than pesticides or dilute pesticides (rinsate). After empty-ing and cleaning, it may be allowable to temporarily hold rinsate or other pesti-cide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural

Storage & Disposal cont'd .:

plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrecvcle.org. If not recvcled, then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stav out of smoke.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. For packages up to 5 gallons: Triple rinse as follows: Empty the remaining con-tents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 56 gallons: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refiling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

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