

Helena

Battleship® III

Herbicide

For the control of annual and perennial broadleaf weeds in ornamental turf including sod farms.

CONTAINS MCPA, FLUROXYPYR, AND TRICLOPYR

Controls: Dandelion, Chickweed, Black Medic, Knotweed, Plantain, Oxalis, Clover, Cocklebur, Thistle and many other species of broadleaf weeds; some of which are listed on this label.

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	37.84%
1-Methylheptyl Ester of Fluroxypyr: ((4-amino-3-5-dichloro-6-fluoro-2-pyridinyl)oxy)acetic Acid, 1-methylheptyl ester**	4.45%
Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid***	4.07%

OTHER INGREDIENTS: 53.64%

TOTAL 100.00%

By Isomer Specific AOAC Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	30.90%, 2.85 lbs./gal.
**((4-amino-3-5-dichloro-6-fluoro-2-pyridinyl)oxy)acetic Acid	3.09%, 0.29 lbs./gal.
***3,5,6-Trichloro-2-Pyridinyloxyacetic Acid	2.92%, 0.27 lbs./gal.

Intended For Use By Professional Turf Maintenance Personnel, Landscaping or Commercial Applicators Only.

KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

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.)

SEE BELOW FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

For Medical Emergencies Only, Call (877) 325-1840.

EPA Reg. No. 228-453-5905

EPA Est. No. 228-IL-1

Net Contents:

SN

MANUFACTURED FOR

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER/PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed, or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

NON-WPS TURF USE: Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170)—in general only agricultural plant uses are covered by the WPS—must wear eye protection (goggles, face shield, or safety glasses) when using this product. It is recommended that safety glasses include front, brow, and temple protection.

WPS SOD FARM USES: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170)—in general, agricultural plant uses are covered—must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. 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 Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement: If the mechanical system is used 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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands, face and arms with soap and water before eating, smoking, drinking, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.

- Wash the outside of gloves before removing.
- As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

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 SWALLOWED:

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

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate use of gastric lavage.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and non-target plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

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.

This product should be used strictly in accordance with the drift and runoff precautions on this label in order to minimize off-site exposure. Under some conditions, this product may have a potential to runoff to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no-till, limited till and contour plowing; these methods also reduce pesticide runoff. Where feasible, use application techniques such as T-banding, and in-furrow techniques which incorporate the pesticide into the soil. Use of vegetation filter strips is recommended along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where runoff could occur to minimize water runoff.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and for high temperatures.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 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, waterproof gloves, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

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

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

This product is a broad-spectrum herbicide for control of actively growing annual and perennial broadleaf weeds. It is for use on established Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields, Roadsides and Golf Courses (Fairways, Aprons, Tees and Roughs) and similar turf areas; also for use on sod farms. Do not use on Golf Greens or Tees. This product may be applied to the following established turfgrass species:

ESTABLISHED COOL SEASON TURFGRASSES		ESTABLISHED WARM SEASON TURFGRASSES†	
Common Name	Scientific Name	Common Name	Scientific Name
Bentgrass	<i>Agrostis species</i>	Bahiagrass	<i>Paspalum notatum</i>
Bluegrass, Kentucky	<i>Poa pratensis</i>	Bermudagrass	<i>Cynodon dactylon</i>
Fescue, chewing	<i>Festuca rubravar, commutata</i>	Buffalograss	<i>Buchloe dactyloides</i>
Fescue, creeping red	<i>Festuca rubra</i>	Centipedegrass	<i>Eremochloa ophiuroides</i>
Fescue, sheeps	<i>Festuca ovina</i>	Zoysiagrass	<i>Zoysia japonica</i>
Fescue, tall	<i>Festuca arundinaceae</i>	Zoysiagrass	<i>Zoysia tenuifolia</i>
Ryegrass, perennial	<i>Lolium perenne</i>	Fescue, tall (growing in warm season areas)	<i>Festuca arundinaceae</i>

† Do not treat warm season turfgrass with this product when mowing height is less than 1/2 inch.

Note: This product may discolor and/or stunt turf that is not well-established or is stressed or weakened due to unfavorable climatic conditions, temperature extremes, drought, nematodes, or other factors which damage or weaken turf. Apply this product only to healthy, well-established turf that has a well-anchored root system. Do not apply this product to grass species not listed on this label unless potential turf injury can be tolerated.

USE PRECAUTIONS

Do not apply this product directly to, or otherwise permit drift or spray mist to come into contact with cotton, citrus, grapes, tobacco, vegetables, flowers, ornamental plants, shrubs, trees, and other desirable plants. Do not pour spray solutions near desirable plants. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Spray drift can be reduced by spraying when wind velocity is low, keeping spray boom as low as possible, using nozzles that deliver larger spray droplets and minimize the production of fine spray particles, and by using higher spray volumes and lower pressures. Applications should be made only when hazards from spray drift are at a minimum. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured. Do not apply to exposed roots of shallow rooted trees and shrubs. Maximum kill of weeds will be obtained from spring or early fall applications when weeds are actively growing. Do not apply more than 4 pints per acre per application. Mow newly seeded turf at least twice before treatment with this product.

For optimum results: (1) Add a spray adjuvant, such as DYNEAMIC® for best results. (2) Use a water conditioning agent, such as, QUEST® for high PH and water hardness; (3) Avoid applying during excessively dry or hot periods unless irrigation is used; (4) Turf should not be mowed 1 to 2 days before and following application; (5) Reseed no sooner than 3 to 4 weeks after application of this product.

WEEDS CONTROLLED

This product is designed to control many broadleaf weeds such as:

Alder	Buckhorn	Corn Chamomile
Annual yellow sweet clover	Buckhorn plantain	Creeping jenny
Artichoke	Bulbous buttercup	Crimson clover
Aster	Bull nettle	Croton
Austrian fieldcress	Bull thistle	Cudweed
Bedstraw	Bur ragweed	Curly dock
Beggartick	Burdock	Curly indigo
Biden	Burning nettle	Dandelion
Bindweed	Burweed	Dead nettle
Bird vetch	Buttercup	Dock
Bitter wintercress	Canada thistle	Dogbane
Bitterweed	Carolina geranium	Dogfennel
Black medic	Carpetweed	Elderberry
Black mustard	Catchweed bedstraw	English daisy
Black-eyed Susan	Catnip	Fall dandelion
Black-seed plantain	Catsear	False dandelion
Blessed thistle	Catsear	False flax
Blue lettuce	Chickweed	False sunflower
Blue vervain	Chicory	False sunflower
Box elder	Cinquefoil	Fiddleneck
Bracted plantain	Clover	Field bindweed
Brassbuttons	Cockle	Field pansy
Bristly oxtongue	Cocklebur	Flea bane (daisy)
Broadleaf dock	Coffeebean	Flixweed
Broadleaf plantain	Coffeeweed	Florida betony
Broomweed	Common chickweed	Florida pusley
	Common mullein	Frenchweed
	Common sowthistle	Galinsoga

Garlic mustard	Pineywoods bedstraw	Sunflower
Goathead	Plains coreopsis	Sweet clover
Goatsbeard	Plantain	Tall nettle
Goldenrod	Poison hemlock	Tall vervain
Ground ivy	Poison ivy	Tansy mustard
Gumweed	Poison oak	Tansy ragwort
Hairy bittercress	Pokeweed	Tanweed
Hairy fleabane	Poorjoe	Tarweed
Hartleaf drymary	Povertyweed	Thistle
Hawkweed	Prickly lettuce	Tick trefoil
Healall	Prickly sida	Toadflax
Hedge bindweed	Primrose	Trailing Crownvetch
Hedge mustard	Prostrate knotweed	Tumble pigweed
Hemp	Prostrate pigweed	Tumbleweed
Henbit	Prostrate spurge	Velvet leaf
Hoary cress	Prostrate vervain	Venice mallow
Hoary plantain	Puncture vine	Veronica
Hoary vervain	Purslane	Vervain
Honeysuckle	Ragweed	Vetch
Hop clover	Red clover	Virginia buttonweed
Horsenettle	Red sorrel	Virginia creeper
Indiana mallow	Redroot pigweed	Virginia pepperweed
Ironweed	Redstem filaree	Wavyleaf bullthistle
Jewelweed	Rough cinquefoil	Western clematis
Jimsonweed	Rough fleabane	Western salsify
Knawel	Roundleafed marigold	White clover
Knotweed	Rush	White mustard
Kochia	Russian pigweed	Wild aster
Lambsquarter	Russian thistle	Wild buckwheat
Lespedeza	Scarlet pimpernel	Wild carrot
Locoweed	Scotch thistle	Wild four-o'clock
Lupine	Sheep sorrel	Wild garlic
Mallow	Shepherdspurse	Wild geranium
Marshelder	Slender plantain	Wild lettuce
Matchweed	Smallflower galinsoga	Wild marigold
Mexicanweed	Smartweed	Wild mustard
Milk vetch	Smooth dock	Wild onion
Milkweed bloodflower	Smooth pigweed	Wild parsnip
Morningglory	Sneezeweed	Wild radish
Mouseear chickweed	Southern wild rose	Wild rape
Mugwort	Sowthistle	Wild strawberry
Musk thistle	Spanishneedle	Wild sweet potato
Mustard	Spatterdock	Wild vetch
Narrowleaf plantain	Speedwell	Willow
Narrowleaf vetch	Spiny amaranth	Witchweed
Nettle	Spiny cocklebur	Woodsorrel
Orange hawkweed	Spotted catsear	Wool morningglory
Oxalis	Spotted knapweed	Wooly croton
Oxeye daisy	Spotted spurge	Wooly plantain
Parsely-piert	Spurge	Wormseed
Parsnip	Spurweed	Yarrow
Pearlwort	St. Johnswort	Yellow rocket
Pennycress	Stinging nettle	Yellowflower pepperweed and other broadleaf weeds.
Pennywort	Stinkweed	
Peppergrass	Stitchwort	
Pepperweed	Strawberry clover	
Pigweed	Sumac	

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-control broadleaf weeds may require a second broadcast treatment in 3 to 4 weeks.

RECOMMENDED MIXING INSTRUCTIONS

Fill spray tank with water. Start agitation and slowly add the recommended amount of concentrate. Maintain continuous agitation after mixing and during application. If this product is allowed to stand in tank for extended periods of time, some separation may occur. Reagitate before use.

TURF APPLICATION DIRECTIONS

Apply 3 to 4 pints of this product per acre (1.1 to 1.5 ozs./1,000 sq. ft.) to control above listed broadleaf weeds.

The maximum use rate for most warm season grasses is 3 pints per acre.

Make application using equipment that will ensure uniform coverage (see specific application directions below). Foliar sprays should be applied during warm weather when weeds are actively growing.

Application under drought conditions may provide less than desirable results. When hard-to-control species are prevalent, when applications are made in late summer, when weeds are mature, or during drought conditions, use the higher rates.

On closely mowed golf course fairway bentgrass, apply this product at a maximum rate of 2 pints in 20 to 240 gallons of water per acre (0.73 fluid ounces in 0.5 to 5.5

gallons of water per 1,000 square feet). During conditions which promote turf stress use lower rates, 1 to 1.5 pints in 20 to 240 gallons of water per acre (0.36 to 0.55 fluid ounces in 0.3 to 5.5 gallons per 1,000 square feet). Slight turf yellowing will disappear after one week. To minimize grass injury, a second application should not be made for at least 4 weeks. Avoid swath overlaps. Do not use on golf course greens or tees.

Note: Broadleaf weeds germinate at different times of the year. Only emerged weeds present at the time of application will be controlled by this product.

Standard Volume Broadcast Applications: Apply 3 to 4 pints of this product in enough water to deliver 20 to 200 gallons of total spray mix per acre (0.5 to 5 gallons spray per 1,000 square feet). Higher application volumes may be used when this product is tank mixed with liquid fertilizers.

Low Volume Broadcast Applications: Apply 3 to 4 pints of this product in enough water to deliver from 5 to 40 gallons of total spray mixture per acre. Use low pressures and application equipment capable of delivering a uniform droplet size that can wet the weed leaf surface.

Targeted Zone Applications or Spot Treatment Using Portable Sprayers: Mix 0.5 to 1.0 ounce of this product in enough water to make one gallon of spray and apply at any time broadleaf weeds are actively growing. Target plants should be sprayed to wet but not beyond point of runoff.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Always store pesticides in a secured warehouse or storage building. Store at temperatures above 25° F. Protect from freezing. If allowed to freeze, remix well before using. Freezing does not alter the product. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not store near open containers of fertilizer, seed, or other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed, labeled container for proper disposal. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL FOR NON-REFILLABLE CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONTAINER DISPOSAL FOR REFILLABLE CONTAINERS: Close all openings which have been opened during use and replace all caps. Contact Helena Chemical Company at 1-800-424-9300 to arrange for return of the empty refillable container.

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

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

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

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

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

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Disclaimer: Always refer to the label **on this product** before using Helena or any other product.

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