

ORTHO

Premium Professional Spring & Fall Crab Grass Control

For use on Grass and Dichondra Lawns.
Prevents Crab Grass, Poa Annua and
Other Listed Weeds.
Treats and Feeds up to 2500 sq. ft.
Money Back Guarantee — See Back

Ingredient Statement as a Herbicide	
Active Ingredient	By Wt.
*S (10.0) di-sectenyl phosphated tri-cate ester	5.4
*N (2) methylpropyl benzene-sulfonamide	4.2
Inert Ingredients	
*Betasan	

Keep out of reach of children
CAUTION
See back panel for additional precautionary statements

NET WT. 10 LB



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U.S. Environmental Protection Agency
 Pesticide Registration Division
 4800 Reservoir Road
 Washington, D.C. 20047
 EPA Reg. No. 237-2494

ORTHO Spring & Fall Crab Grass Control

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION
 Avoid contact with skin and eyes.
STATEMENT OF PRACTICAL TREATMENT
 In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. For skin contact, wash with plenty of soap and water. See a doctor if irritation occurs.
 Note to Physicians: Emergency information call (415) 233-3737

GUARANTEED FERTILIZER ANALYSIS
 Total Nitrogen (N) 25%
 11% Ammoniacal Nitrogen
 20 1/2% Urea Nitrogen
 3 1/2% Water Insoluble Nitrogen
 Available Phosphoric Acid (P₂O₅) 3%
 Soluble Potash (K₂O) 7%
 Iron (Fe) 0.9%
 Primary nutrients from Urea, Urea Formaldehyde, Ammonium Phosphate and Muriate of Potash
 Trace Nutrient from Iron Sulfate
 Contains not more than 5.5% Chlorine
 Percent Acidity 900 lbs. Calcium Carbonate Equivalent per ton

INGREDIENT STATEMENT AS A HERBICIDE
 Active Ingredient
 *S 10 0 d isopropyl phosphorothioate ester of N (2 mercaptoethyl) benzene sulfonamide
 Inert Ingredients
 *Betanin

By Wt
 94.2%

DIRECTIONS FOR USE
 This is a violation of Federal law to use this product in a manner inconsistent with its labeling.
READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

ORTHO Premium Professional Spring & Fall Crab Grass Control is recommended for use in either Spring or Fall on home lawns, parks and golf courses and around listed ornamental plants and shrubs to control Crab Grass, Annual Bluegrass and the other listed weeds.

WEEDS CONTROLLED:

Barnyardgrass	Mary Crabgrass	Lambsquarters	Redroot Pigweed
Annual Bluegrass	Large Crabgrass	Dead Nettle	Sheepspursue
Poly Bluegrass	Goosegrass	Orchardgrass	Tall Fescue
Smooth Crabgrass			

HOW TO USE
 Application of ORTHO Premium Professional Spring & Fall Crab Grass Control must precede germination of weed seeds in the soil. Weeds will germinate in the soil from 4 to 6 weeks before it is visible above the lawn sod. If weeds are visible, it is too late to apply ORTHO Premium Professional Spring & Fall Crab Grass Control. For Crabgrass Control, use in the fall (Sept.-Oct.) or in the early spring (Tip—Apply before forsythia blooms have fallen in the spring) before emergence of Crabgrass and other annual spring weeds. For Annual Bluegrass (Poa annua) Control, apply in late summer/early fall before annual bluegrass germinates.
 It is recommended for use on mineral soils only. Do not apply to peat moss, lawn, ground covers or established ornamentals before treating with ORTHO Premium Professional Spring & Fall Crab Grass Control.

- Important Application Tips**
1. Before applying, remove leaves, dead or tall grass and other debris. Uniform coverage is important. To prevent drift, do not apply on a windy day.
 2. After applying this product, water treated area thoroughly to wash the particles off the grass and down into the soil where the weed seeds are located.
 3. Do not rake or dig in the treated area. Disturbance of the soil surface may break the protective chemical barrier allowing Crabgrass and other listed weeds to grow.
 4. Since effective preemergence herbicides prevent most grass seeds from germinating, do not reseed treated lawn for at least 4 months after application of this product. Proper fertilization and watering will encourage the existing turf grass to fill in thin or bare spots. Renovate the area to be reseeded by raking thoroughly, mixing sterilized (weed free) organic mulch into the top 2 inches of soil (50:50 by volume).
 5. Newly seeded lawns should not be treated until they have been mowed 3 times.

Timing of Application
GRASS LAWNS: Use on the following well established turf grasses

Bahia	Centipede	Perennial Bluegrass	Red Top
Bentgrass spp.	Fescue spp.	Perennial Ryegrass	St. Augustine
Bermudagrass	Pensacola	Poa Trivialis	Zoysia

Dichondra Lawns: Apply to dichondra lawns at time of seeding or anytime thereafter.

Ornamentals and Ground Covers: Apply only to the following well established ornamentals and ground covers

Abelia	Daffodil	Juniper	Ranunculus
Ajuga	Dahlia	Mango'd	Sandankwa
Alyssum	Day Lily	Monterey Cypress	Sedum
Aster	Daphne	Monterey Pine	Star Jasmine
Azalea	Festuca	Myrtle	Stock
Azara	Freesia	Narcissus	Sweet Pea
Bachelor's Button	Gazania	Pac. y. and-z	Tulip
Boxwood	Gladiolus	Pansy	Tobacco
Calendula	Holly	Fern	Wall Flower
Campanula	Hypericum	Primrose	Wild Strawberry
Candy Tuft	Ice Plant	Privet	Xylosma
Coral Bell	Ivy	Pyracantha	Zinnia


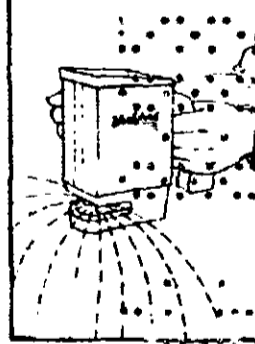
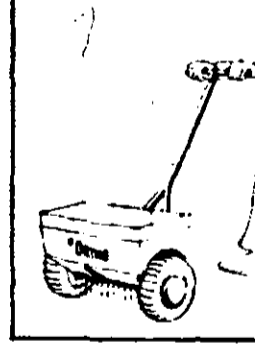
For control of CRABGRASS, apply at the recommended rate (see Rates of Application) anytime from fall (Sept. or Oct.) through early spring, for spring and summer control. Application must be made prior to germination of the Crabgrass (see Directions for Application).

For control of ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS, apply at the recommended rate (see Rates of Application) before the weeds germinate in the soil. In southern or western states where germination of crabgrass, annual bluegrass and other annual weeds extends into the late summer and early fall, a second application should be made at the recommended rates 4 to 5 months after the initial application.

RATE TO APPLY
 Apply at the rate of 4 lbs./1000 sq. ft. Contents of this bag covers 2500 sq. ft.

	SPRING	SUMMER	FALL
Crabgrass	X or		X
Annual Bluegrass		X	
Annual Weeds	X		
TOTAL: 4 lbs./1000 sq. ft.	1/2 X	1/2 X	X

FAST, EASY APPLICATION WITH ORTHO SPREADERS

		
<p>ORTHO Broadcast Spreader Use setting No. 6. Swath width 8 ft. Apply 10 lbs. to cover 2500 sq. ft. (50' x 50'). Cover lawn in one direction. Do not use criss-cross pattern.</p>	<p>ORTHO WHIRLYBIRD Spreader Use setting No. 3. Apply 2 WHIRLY BIRDS full (1 lb.) to 250 sq. ft. (10' x 25'). Start cranking the WHIRLY BIRD handle before depressing thumb lever. To ensure complete coverage spread in criss-cross pattern by applying the second WHIRLYBIRD full at right angles to the first. For application in confined areas and along border plantings control of swath width can be obtained by holding the WHIRLY BIRD closer to the ground or cranking the handle in the opposite direction when using.</p>	<p>ORTHO Drop Spreader Use setting No. 6. Cover lawn in one direction. Do not use criss-cross pattern. To ensure complete coverage overlap wheel tracks. When making turns, shut off spreader to avoid overapplication.</p>

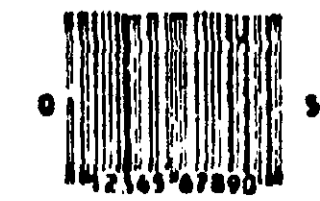
Various inherent differences in soil conditions and the adjustment may cause application rates to deviate. Therefore, Chevron makes no warranty as to the uniformity of coverage obtained from the settings listed.

STORAGE AND DISPOSAL
 Keep pest products in original container. Do not contaminate food or feedstuffs. Do not reuse empty container. Wash container and put in trash collection.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Chevron Chemical Company
 Ortho Consumer Products Division
 San Francisco, CA 94120-7144
 Richmond, CA 94801-0038
 Form 10101 & Prod. of 5/875 Made in U.S.A.
 EPA Reg. No. 237-2494 EPA Est. 233-1A-1

ORTHO'S MONEY BACK GUARANTEE
 If you are not satisfied with the results after using this product, send us this guarantee with your sales receipt. Your refund check will be mailed to you promptly.
CHEVRON CHEMICAL CO., ORTHO CONSUMER PRODUCTS DIV., P.O. Box 3744, San Francisco 94120-7144



PRECAUTIONARY STATEMENTS **CAUTION** **HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**
Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid inhalation of mist. In case of eye contact, flush thoroughly with water for at least 15 minutes. Call a physician. Wear safety goggles and rubber gloves when handling concentrate.

ENVIRONMENTAL HAZARDS
Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

1. **Prohibitions** - Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
2. **Pesticide Disposal** - Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.
3. **Container Disposal** - Triple rinse (or equivalent). Then offer for recycling or reconditioning or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.
4. **General** - Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

DIRECTIONS FOR USE

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FAIR 2 is a tailor made formulation exclusively for tobacco use. The active ingredient is the time tested and classic growth retardant, Maleic Hydrazide, in the form of the potassium salt. This formulation contains an agricultural surfactant (wetting agent) to facilitate better "sticking" especially under adverse weather conditions. It is necessary to apply FAIR 2 at the correct time, in the correct amounts, and in equal amounts to each plant in order to obtain the optimum sucker control. Only the upper 1/3 to 1/2 of the plant needs to be sprayed for best results. FAIR 2 is absorbed by the tobacco leaves and spreads throughout the entire plant. Please follow directions carefully.

SPRAY APPLICATION

FAIR 2 can be applied by tractor or animal drawn sprayer or with a compressed air shoulder sprayer. Any number of nozzles may be used and it can be applied in the same manner as insecticides. Spray one or more rows at a time, wetting only the upper 1/3 or 1/2 of the plants. When using a compressed air shoulder sprayer with a single nozzle, spray one side of each tobacco row while walking at a constant rate, using a uniform motion to moisten the upper 6 or 8 leaves of each plant, and apply equal amounts of spray to each plant. Make sure to use a nozzle that delivers a fine mist spray.
Apply FAIR 2 in 20 to 50 gallons of water per acre. DO NOT use less than 20 gallons of water per acre. For burley, flue cured cigar (Pennsylvania and Wisconsin) and Maryland tobacco use 1 gallon FAIR 2 per 6000 plants per acre or 1 1/8 to 1 1/2 gallons FAIR 2 per 6000 plants per acre. On small plots, use 1 1/8 to 1 1/2 pints of FAIR 2 per 1000 plants in 3 gallons of water.
For dark tobacco, use double the above amounts - for example, use 2 gallons of FAIR 2 per 6000 plants per acre or 2 1/4 pints of FAIR 2 per 1000 plants in 3 gallons water.