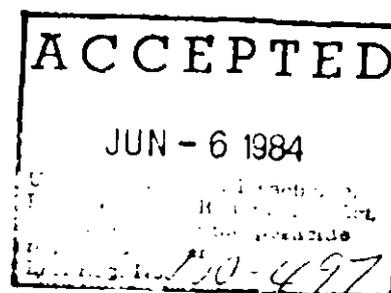


Supplemental Labeling
AAtrex® 4L
EPA Reg. No. 100-497



Rangeland

To control certain weeds, including cheatgrass (downy brome, chess), common (annual) broomweed, little barley, medusahead, sagewort, and tumble mustard. Use lower rate where cheatgrass is major problem weed; use higher rate for other weeds.

Poisonous plants: Tansy mustard, pigweeds, lambsquarters, tumble mustard, cocklebur, and fiddleneck are controlled at 2 pts/A. Other mustards (Brassica spp.), groundcherry (annual), broomweed, and threeawn or poverty grass (Aristida spp.) are partially controlled at 2 pts/A and controlled at 4 pt/A. Sneezeweed and dogbane are partially controlled at 4 pt/A.

Aerial application: In order to assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 ft above vegetation, using low drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply AAtrex 4L by aircraft at a minimum upwind distance of 400 ft from sensitive plants.

Establishment of perennial range grasses in West (CA, ID, NV, OR, UT, WA): Broadcast 1.6-2 pt/A in fall after rains begin but before ground freezes. Perennial range grass may be seeded when rain begins the next fall following treatment. Plant in deep furrows such as those made by a deep furrow rangeland drill. Treated areas may be grazed 7 months after seeding. However, to provide sufficient time for establishment of desirable range grasses, treated areas should not be grazed until the fall following seeding.

Renovation of existing stands of perennial range grasses

Central Great Plains (CO, KS, MT, NE, ND, SD, WY): Broadcast 1-2 pt/A in fall before ground freezes.

Southern Great Plains (OK, TX): Broadcast 2 pt/A in spring before April 30.

West (CA, ID, NV, OR, UT, WA): Do not graze area to be treated for 6 months prior to application. Broadcast 1-1.5 pt/A by ground equipment in fall before ground freezes.

Bluegrass and intermediate wheatgrass may be injured by this product at recommended rates.

Note: Do not cut or feed range grass hay. Do not graze treated areas within 7 months following fall application or 3 months following spring application. Apply only once per year.

Warm season perennial range grasses - Midwest

Switchgrass and Big Bluestem: For control of those weeds listed under AAtrex 4L Applied Alone - Corn or Grain Sorghum - Preplant Surface Applied, Preplant Incorporated, or Preemergence.

Use only on loam, silt loam, silty clay loam, clay loam, and silty clay soils with at least 1 percent organic matter.

New seeding: Broadcast 4 pt/A after planting but before weeds emerge. Prepare a good, firm seedbed. Plant 1/2 inch deep with a grassland drill (preferred method) or a conventional drill. If a conventional drill is used on prepared seedbeds, remove all tension from the disk openers. For best results, cultipack or roll after planting. Clip weeds that escape in July or August. Avoid clipping switchgrass or big bluestem seedlings.

Established stands: Broadcast 4 pt/A in April or early May, before weed emergence.

Note: Do not cut for hay. Do not graze treated areas within 4 months following application at seeding or 3 months following application to established switchgrass or big bluestem. Treat only once per year.

Rotational crops: See "Rotational crops" in Corn section.

Roadsides

To control certain annual weeds in established perennial grasses along roadsides in CO, KS, MT, NE, ND, SD, and WY, including cheatgrass (downy brome, chess), common (annual) broomweed, little barley, medusahead, saqewort, and tumble mustard, broadcast 2 pt/A in a minimum of 10 gallons of water by ground equipment in the fall before ground freezes, or after thawing in the spring, but before the established grasses green-up and before weeds emerge. Examples of desirable established grasses include big bluestem, bluegrama, bromegrass, buffalo grass, crested wheatgrass, Indian grass, little bluestem, side-oats grama, switchgrass, and Western wheatgrass. Apply only once per year. Temporary discoloration or other form of injury to the desirable perennial grasses may occur following application.

Note: To avoid illegal residues, do not cut or feed roadside grass hay. Do not allow livestock to graze treated areas.

Perennial Ryegrass Grown for Seed (Pacific Northwest only)

For control of annual ryegrass and rattail fescue, broadcast 2.4 pt/A after first fall rain.

Precautions: (1) Apply only to perennial ryegrass from which seed crop has been harvested. (2) Do not apply to ryegrass more than 2 years in succession.

Note: Do not graze treated land within 10 days after application. Do not plant treated land to other crops for 16 months.

Established Orchardgrass Grown for Seed
(Pacific Northwest Only)

AAtrex aids in control of annual ryegrass, rattail fescue, and volunteer orchardgrass. Broadcast 4 pt/A of AAtrex 4L in at least 15 gal of water to field which has been burned after first fall rain.

Precautions: (1) Apply only to orchardgrass from which seed crop has been harvested. (2) Do not apply to orchardgrass more than two years in succession. (3) Some yellowing or crop stunting can occur.

Note: Do not graze treated land within 6 months of application. Do not plant treated land to other crops for 16 months.

Sugarcane

For control of many broadleaf and grass weeds, including amaranths, crabgrass, fireweed, Flora's paintbrush, foxtails, junglerice and wiregrass, broadcast 4-8 pt/A of AAtrex 4L at time of planting or ratooning, but before sugarcane emerges. Broadcast aerially in a minimum of 5 gal of spray per acre, or broadcast or band by ground equipment in a minimum of 20 gal per acre, unless indicated otherwise. One additional application may be made over the sugarcane as it emerges, and two additional applications may be made interline after emergence as directed sprays. Repeat treatments, where needed, may be applied broadcast, band, or interline as suggested with the final application being prior to "close-in." Do not exceed the rate of herbicide suggested for any one crop of sugarcane.

Note: Where high rates of AAtrex are used alone, apply in a minimum of 1 qt of water for each 1 qt of AAtrex 4L applied per acre.

Aerial application: In order to assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 ft, using low drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply AAtrex 4L alone by aircraft at a minimum upwind distance of 400 ft from sensitive plants.

Florida

For control of emerged pellitory weed: Apply 0.8-1.2 pt/A in at least 40 gal of water as a directed spray by ground equipment prior to "close-in." Add 4 qt of surfactant for each 100 gal of spray. Thoroughly cover weed foliage.

For control of alexandergrass, large crabgrass, pellitory (artillery) weed, and spiny amaranth, use one of the following methods at planting or ratooning:

1. Apply 8 pt/A preemergence. Follow with one or two applications, as needed, postemergence to sugarcane and weeds, at 4 pt/A. Treat before weeds exceed 1.5 inches in height.
2. Apply 1-3 times, as needed, at 4 pt/A postemergence to sugarcane and weeds. Treat before weeds exceed 1.5 inches in height.

Louisiana

For control of annual weeds during the summer fallow period, apply 4 pt/A to weed-free beds immediately after bed formation. Follow normal weed control after planting.

Precautions: (1) Do not apply more than 10 qt/A to any one crop of sugarcane. (2) If making 4 pt/A application during summer fallow period, do not exceed 8 qt/A during the remainder of the growing season.
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Texas

Use AAtrex 4L for control of barnyardgrass, pigweed, purslane and sunflower, in plant or ratoon sugarcane.

Apply 8 pt/A of AAtrex 4L preemergence. Follow with one or two applications, as needed, at 6 pt/A postemergence to sugarcane and weeds.

For best results when weeds are emerged, add a nonionic surfactant at a concentration of 2 qt/100 gal to the spray and apply before weeds exceed 3.5 inches in height.

Precautions: (1) Injury to sugarcane may occur when under moisture stress, when soil is of low adsorptive capacity, or when land is first cropped to sugarcane. (2) Do not apply after "close-in." (3) Do not apply more than 20 pt/A to any one crop of sugarcane.

Turf Grasses for Sod (Florida only)

St. Augustinegrass, Centipedegrass, and Zoysiagrass

Broadcast 4-8 pt/A according to soil texture to control those weeds listed under AAtrex 4L Applied Alone - Corn or Grain Sorghum - Preplant Surface Applied, or Preplant Incorporated, or Preemergence.

Muck or peat	8 pt	Old beds: Within 2 days after lifting sod.
		New beds: 3-4 days after sprigging or plugging.
Sandy soil	4 pt	Old beds: Within 2 days after lifting sod.
		New beds: 7-10 days after sprigging or plugging.

If weeds regrow, apply an additional 4 pt/A on muck or peat, or 2 pt/A on sandy soil.

Precautions: (1) Do not apply within 30 days prior to cutting or lifting. (2) Do not apply in combination with surfactants or other spray additives, or injury may occur. (3) To avoid injury, use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases. (4) On newly sprigged turfgrass, temporary slowing of growth may follow application.

May 17, 1984