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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMES **ANIMALS**

CAUTION

Harmful if swallowed or absorbed through the sk contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if writation persists. Wash thoroughly after handling. Wash contaminated clothing before reuse Keen away from food and leedstuffs

ENVIRONMENTAL HAZARUS Do not contaminate any body, of Water by direct application, cleaning of equipment, or disposal of wastes. Keep out of lakes, streams and ponds

DIRECTIONS FOR USE

It is a violation of Federal law to use this product ້ຳຕໍ່ ສໍ manner inconsistent with its labeling.

STORAGE AND DISPOSAL

PROMBINIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited

PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by federal, state or focal disposal authorities

CONTAINER DISPOSAL

Triple rinse (or equivalent) and dispose of in an approved fandfill or bury in a safe place

GENERAL

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Consult federal state, or local disposal authorities for approved alternative procedures

The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks. inherently associated with use of this product. Crop. injury ineffectiveness or other untilended consequences may result because of factors as weather conditions presence of other materials or the manner of use or application all of which are beyond the control of Platte Chemical Company or the Seiler A'l such risks shall be assumed by the Buyer

WARRANTY AND LIMITATION OF DAMAGES. Rlatte Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use. and Conditions of Sale, subject to the inmerent risks referred to therein

Platte Chemical Company makes no other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Platte Chemical Company is authorized to do so except in writing with a specific reference to this warranty Any damages, arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or of value, etc.

GENERAL INFORMATION

Afrazine 4L herbicide will control most annual broadleaf and grass weeds in corn and sorghum such as barnyardgrass, witchgrass (Panicum capillare), yellow foxfail, green foxfail, wild oals, large (hairy) crabgrass. giant fordal, velvetleaf, morning glory, lambsquarters, pigweed, tagweed flightshade, pursiane and mustard Afrazine 4L may be explied before or after weeds

in pacticase where a range of rates is given, the lower matter. and the higher rate should be used on heavy soils high in organic matter rate should be used on light soils and soils low in organic

Since Atrazine 4L acts mainly through root absorption, it effectiveness depends on rainfall or irrigation to move into-the root zone. Snould weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control

Care should be taken to avoid using Atrazine 4L where adjacent desirable trees shrubs, or plants migh be

Note/ Platte Chemical Company does not recommend the use of Atrazine 4t. in combination with other herbicides or oils except as specifically described on the

APPLICATION PROCEDURES **Ground Application**

For the most uniform distribution of broadcast applications use 80° flat fan type nozzles. For band applications use flat fan even spray nozzles. Screens and strainers should be no finer than 50 mesh. Use a pump with capacity to (1) provide sufficient hydraulic agitation during mixing and application to keep the material in suspension and \$2), thaintain 35-40 bsi operating pressure. Use a minimum of 5 gallons of water per acre for preplant incorporated , pre-emergence and post (without oil or surfactant) applications. Use a minimum of 10 gallons of water per ac-e--fel--all postemergence applications combined with call or surfactant

For pand applications | calculate the amount to be applied r acre as follows:

Band width in inches Row width in riches.

Rate A fac Amount needed broadcast treatment

for band t-eatment

Aerial Application

For preplant and pre-emergence broadcast treatments, apply at a 1.1 ratio of Atrazine 4L to water (example recommendation calls for 1 quart of product and is mixed with 1 quart of water) to be applied per acre. For postemergence treatments, apply the recommended rate of Atrazine 4L or Atrazine 4L plus oil in a minimum of 2 gallons of water per acre. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive drift may occur.

Avoid application directly to animals or humans. Flagmen or loaders should avoid inhalation of spray mist or contact with skin and should wash thoroughly before ealing and at the end efeach day's operation.

Atrazine 4L in water application

Atrazine 4L, a liquelied formulation, should be mixed with water and applied as a spray. Pour Atrazine 4L into the tank during of after filling. Hydraulic (jet) or mechanical agitation is recommended during mixing and application to keep the materials in suspension. All return lines to the tank musti discharge below liquid level and agitation should hot be so violent as to cause air bubles to form in the liquid. Wish sprayer thoroughly after use

Atrazine 4L in liquid fertilizer applications

Nitrogen solutions or complete figuid fertilizers may replace all or part of the water as a carrier for preemergence and preplant applications of Afrazine 4L. Mixing should be accomplished as described under water applications. Do not apply after corn or sorghum has emerged as there is danger of liquetied fertilizers causing crop injury.

IMPORTANT—Check the compatibility of this product with liquid fertilizers and/or nitrogen solutions before use.

Application in water plus emulsifiable oil or oil concentrate

Adding emulsitiable oil or oil concentrate to postemergence water-based sprays may improve weed control. However under certain conditions use of either emulsifiable oil or oil concentrate may seriously damage corn or sorghum. To minimize this possibility, follow directions, procedures, and precautions below.

Use a crop oil designated for use with this product containing 1-2% suitable employing, or a suitable crop oil concentrate designed for use with this product and containing not more than 20% emulsifier or surfactant blend. Several oils and crop oil concentrates of these types are on the market employing the concentrate contaminated with water or other materials can cause compatibility provens and or crop injury.

Mixing procedures—all uses: (1) Be sure straye . . clean and not contaminated with other products like 2.4 Diproffee materials illustrates in surviving the sult (2) Fili tank to to 2's full with clean water (2). Start agration: (4) Pour product directly from container into tank (5) Arid emulsifiable of or oil concentrate or a tank nac herbicide (6) Finish fillin; tank with water introgen solution, or liquid fertilizer, 171 Empty talik as completely as possible before in this a to prevent buildup of oil or emulsifiable concentrate residue in tank Maintain agitation to avoid separation of other materials from water infrogen solution or figure fertilizer remaining in tank (8) If an oil or oil concentrate film starts to build up in tank drain it and clean with strong detergent solution or solvent (9) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent (14) for liquid miragen or liquid femilizer use suction screens of 16-mesh or conser

NOTE: 1) Do not use oil in ATRAZINE 4L sprays when corn of sorghum is under stress from prolonged cold, wet weather poor fertility or other factors or when com or sorghun is wet and succulent from recent rainfall as crop injury may occur *2)* 96 not use oils in sprays when treatinguisticed lines or any breeding stock as injury may occur. 3) Adding other insecticides herbicides liquid fertilizers or other flaterials is not recommended because they may gause compatibility problems or crop injury *4)*Store and hangle emulsifiable oil carefully. On contaminated with ever a small amount of water may not

is makely properly, when is specific the thick of the out-make more than one appropriation of ATRACOM, 46 and emphs table $\gamma^{(i)}$. Water the season of Allice trick one to the task must be made the half glub invest

One application will Linth most a rula provided and crite apply and with the control of the control of

ATRAZINE 46 may be add led elthar bettire blanting, at planting or afterblanting at the rate illiginated in Table 1.

For prepart and preemergemore and particle in modern solutions or complete, our farthways may replace a for part of the water as a correct or ATRAZING BUILDING Apply after the residence of the contract of t femilieria.sh. for him.

PREPLANT: Breadnash in monetic published in Mingahma rate and parked in Table .

pply before oping matter the chapted preparation of and is the property of the pro fir or to flor

PREEMERGENCE: Apply during or shortly after planting prior to weed emergence at the rate indicated in Table 1

POSTEMERGENCE: Apply before weeds exceed 11/ inches in height at the rate indicated in Table 1.

Soil Texture	Atrazine 4L Broadcast Rate
Light Soils sands loamy sands and sandy loams	4 pints
Medium Soils silt and clay loams that are fow in organic matter	434 pints
Heavy Soils silt and clay toams with medium to high organic matter and clays including the dark prairie soils to the Corn Belti	
Peats, musk and high originic clays (apply/postemergence only)	6 pints

'For Preplant or Preemergence Applications in Western Kansas, Western Nebraska, Eastern Colorado, Eastern Wyoming, New Mexico, West Texas and the Pan Handle of Oklahoma. On sands. loamy sands saruly loams mild to strongly alkaline soils and all recently leveled soils, apply 2 , pts per acre for broadleaf weed control Broadleaf weeds such as pigweed, lambsquarters, nightshade purslane and kochia will be controlled. On other soil types in the areas above make applications at the rate shown in Table 1 for broadleaf and grass control

Lay-by treatment (Broadleaf and grass control) Broadcast 2-4 pt A in a minimum of 5 gal of water or nitrogen solution before weeds are 1.5 inches high and corn is 20-30 inches high When using nitrogen solutions, direct the spray to lower and mohes of cornstalks to avoid corn tollage figury. Maintain autation in spray tank during application * *

Postemergence with emulsitiable oil or oil concentrate in water concentrate in water IMPORTANT: Be sure to read precautions under use with water plus emilisitiable gil or oil concentrate in water. BROADLEAF AND GRASS CONTROL BROADLEAF AND GRASS CONTROL after weed emergence, but before weeds feach 1.5

inches in height. Add emulsifiable oil at rate of 1 oh A for ground applications and 0.5 gal A for aerial-applications. Add oil concentrate at tate 81, 1 of A for ground applications applications

BROADLEAF CONTROL Broadcast 2 4 pt A for control of broadleaf weeds such as annual morningglory. cocklebur, lambsquarters, mustard, pigweed, ragweed smartweed, and wild buckwheat. Add emulsitiable oil at rate of 1 gal A for ground applications and 0.5 gal A for aerial applications. Add oil concentrate at rate of 1 ot A ground applications. Apply before pigweed and lambsquarters reach 6 inches in height and before all other weeds reach 4 inches in height. A cultivation may be necessary if all weeds are not controlled or if weeds regrow

PROBLEM WEEDS For control of yellow nutsedge and Canada Thistle

Atrazine 4L will control yellow nutsedge (Cyperus esculentus) and Canada thistle (Cirsium arvense) when applied as indicated below For best results. Atrazine 4L should be used each year until yellow nutsedge or Canada inistle is eliminated or reaches a level of infestation where neither weed species is a problem. If regrowth of yellow nutsedge or Canada thistle occurs following the last application of Afrazine during the season, cultivate once When Atrazine 4L is applied posternergence to the weeds 1 gallon of emulsitiable crop oil should be added per acre-

For control of yellow nuisedge and Canada thistle with Atrazine 4L several alternative methods of use are available These methods are listed in order of preference below st other weed species, such as annual

grasses, are also expected, use an alternative method that includes a preplant or pre-emergence treatment plus a postemergence combination with emulsifiable oil or apply all the Atrazine 4L preplant or pre-emergence

- 1) Broadcast 4 pts of Atrzaine 4L plus 1 gallon of emulsifiable oil per acre after the crop has emerged and after yellow nutsedge or Canada Thistle plants emerge, but before yellow nutsedge plants reach a height of 3 inches or Canada thistle plants reach a height of 6 inches. Follow with a second application of 4 pts. of Atrazine 4L plus 1 gal. of oil per acre 10 to 20 days but prior to lay-by (20-30 inches) after the initial application has been made
- 2) Broadcast 4 pts of Atrazine 4L per acre preplant. Follow an application of 4 pts of Atrazine 4L plus 1 guion of oil per acre, after the corn and wheds emerge, but before nutsedge plants reach a neight of 3 inches for nutsedge control only)
- 3) Broadcast 4 pts. of Atrazine 4L per acre dyring, or shortly after planting, but prior to crop- se-weed emergence. Follow with an application of 4 pts of Atrazine 4L plus 1 gallon of oil per acre after the corn, and weeds emerge, but before yellow nutsedge plants reach height of 3 inches or Canada thistle plants reach a height of 6 inches
- 4) Broadcast 8 pts. of Atrazine, AL plus 1 gallon of oil per acre after the crop has emerged out prior to lay-by (20-30 inches) and after yellow nutsedge and Canada thistle

plants emerge, but before nutsedge reaches a height of 3 inches or Canada thistle is more than 6 inches tall

- 5) Broadcast 8 pts. of Atrazine 4L per acre preplant (for yellow nutsedge control only)
- 6) Broadcast 8 pts of Atrazine 4L per acre during or shortly after planting, but prior to crop or weed emergence (For yellow nutsedge control only).

Note: Oil should not be used in Atrazine sprays when corn is wet or under stress, especially when using 8 pts. of Atrazine 4L per acre. See precaution section under Postemergence Applications of Atrazine 4L plus Emulsihable Oil in Water on Corn for additional directions.

Split application; Broadcast 4 pts per acre in the fall or spring and plow 1-3 weeks later

Broadcast's second application at the rate of 4 pts per acre in the spring before, during or after planting, but before weeds are 113 highest high. This split application will control both quackgrass and most annual broadless grass weeds.

Single sphiltestion: Broadcast 6-8 pts per acre in the fall or sphilt Plow 1-3 weeks after application

Tank Mixtures with Atrazine 4L

Atrazine 4L plus Paraquat CL

For control of existing vegetation and residual control where corn will be planted directly into a cover crop, established sod or in previous crop residues—Broadcast 4-6 pts. Atrazine 4L and 1-2 pts. Paraquat CL per acre in 20-60 gallons of water per acre. Add 16 oz. to 32 oz. of nonionic surfactant per 100 gallons of diluted spray. Add Atrazine 4L to spray tank first and thoroughly mix with water. Add the Paraquat and surfactant last.

Refer to the Paraquat CL label for further directions limitations and cautions

Atrazine 4L plus Alachtor 4EC

Use a tank mixture of Atrazine 4L plus affection 4EC for the control of most annual broadleaf and grace weeds in corn (field and silage corn only) such as annual morning glory, barnyardgrass, black nightshade, bruchiaria, buttonweed (velvetteaf), carpetweed, coaklebur, crabgrass, fall pancum, Florida pusley, glant toxtail, green foxtail, yellow foxtail, goodgrass, lambsquarter, pigweed, purslane, mustard, common sagweed, smartweed and witchgrass

Make applications at the rate indicated in Table 2. For preplant applications, apply within 7 days of planning and incorporate to a depth of 2 to 3 inches. Use 0.4 pt. more of this product plus 1 pt. nicre alachlor per acre than

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indicated in Table II. Use no more than 3.2 pts. of Atrazine plus 2.5 qts of Alachlor For pre emergence applications, apply to the soil surface after planting that before the crop or weeds emerge. For post emergence treatments, make applications until weeds reach the two leaf stage, and the corn is no more than three inches tall

Tank M	Tank Mixtures of Atrazine 4L Plus Alachior 4EC On Corn (Field and Silage Only)					
	Broade	ast Rate F	er Acre			
	Less than 3% organic matter		More than 3% organic matter			
Soil *	Atrazine 41. (Pts A)	•	Atrazine 4L (pts /A)	Alachior 4EC (qls A)		
Light sandy solic	2	1 5	2	15		
Salt Ioan Soils	2—2-2/5	1 5-1 75	2-2-2-5	1 75-2		
ciay - sois	2·2·5· 3·1/5	2.2 5	2·2·5· 3·1·5	2-2 5		

Note: Apply in a minimum of 20 galloris of water peracre. Non pressure fluid fertilizer may replace all or part of the water used as a carrier for applications applied to the soil surface before crop emerges. Add the Atrazine 4L to the spray tank first and thoroughly mix with water Add the alachior last

At least 12 weeks must elapse following treatment with Atrazine 4L plus Alachlor 4EC before immature corn torage can be harvested or fed to cattle

Refer to the Alachior 4EC label for further directions Imetations and cautions

Atrazina 4L plus Propachior 65W

Use a tank mixture of Atrazine 4t, plus propachlor 65W for control of most annual broadleaf and grass weeds in corn (field, hybrid seed silage and sweet corn only) such as annual morning glory, annual ryegraes, barnyardgrass (watergrass) buttonweed (velvetleal). carpetweed, cocklebur crabgrass, fall panicum Plandapusley giant foxtail, green foxtail, yellow foxastar, goosegrass groundsel, jimsonweed lambseuarters, mustard nightshade pigweed purstane, raggreed artweed and sunflower Broadcast 2. 1 c - 3 1 pts of

Atrazine 4L plus 3 8 to 6 0 lbs of propaction 66M per acre on the soil surface any time from immediately after planting until broadleaf and grasseu reach the two-leaf

stage. Use the lower rates of Atrazine 4L and propachlor 65W on light-textured soils low in organic matter. Use the higher rates on heavy-textured soils high in organic

A minimum of 2 * 5 pts per acre of Atrazine 4L in the tank mixture will give better control of annual morning glory. buttonweed (velvetleaf), cocklebur and sunflower

Apply in a minimum of 20 gallons of water per acre. Nonpressure fluid fertilizer may replace all or part of the water used as a carrier for applications applied to the soil curface before crop and weeds emerge. Add the Atrazine 4L to the spray tank first and thoroughly mix with water Cut the propachlor 65W bag and fill with water to the fill line Grasp the neck of the bag firmly and shake vigorously and add to the spray tank

Refer to propaghlor 65W label for further directions. Imitations and cautions

Precautions For All Applications to Corn

1) Do got apply more than 8 pts. Atrazine 4L to corn in anyione year

2) Pollowing harvest of a treated crop, plow (moldbox). or disk-plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of the rate used

3) Do not graze treated area or feed treated forage to livestock for 21 days following application

For postemergence applications plus emulsifiable oil see additional precautions under that section of this label

Suggestions for Rotational Crops

1) Land treated with Atrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur

2) If Atrazine 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur

3) If Atrazine 4L is used at a broadcast rate higher than 6 pts per acre (or comparable rates in a band application). crop of untreated corn or sorghum should precede the next rotational crop

4) In the High Plains and Intermountain area of the West where rainfall is sparse and erratic or where irrigation is required, use Atrazine 4L to control weeds in combany when corn is to follow corn or a crop of untreated corn, be sorghum is to precede other rotational crops

n eastern parts of the Dakotas 143, western MN, and No. do not rotate to soybeans if the rate applied to corn or sorghum was more than 4 pt. A or equivalent band application rate, as soybean injury fitty occur

6) Injury may occur to soybeans planted in north-central and northwest IA, south-central and southwest MN. northeast NE, southeast SD, and other areas the year following application on soils having a calcareous surface

7) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains or small-seeded legumes and grasses the year following Atrazine 4L application or injury may occur

SORGHUM AND SORGHUM-SUDAN HYBRIDS (GRAIN AND FORAGE TYPES):

Atrazine 4L may be applied either before planting, at planting or after planting as indicated below

Preplant (Broadleaf and Grass Control):

Broadcast in the spring after plowing at the rate indicated percentions in the spring after prowing at the rate indicated in Table 3. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 4L. Best results have been obtained when Atrazine 4L is accreted within two weeks oriented pointing. applied within two-weeks prior to planting

Pre-amergence (Broadlesf and Grass Control):

Apply during or sportly after planting, but prior to weed or crop emergence at the rate indicated in Table 3

~ TABLEIII -

Soil Texture	Organic Matter	Broadcast Rate of Atrazine 4L Per Acre	
Light Soils sands, loamy sands, sandy loams and sandy clay loams	any level	DO NOT USE (except for pre- emergence use on bed- ded sorghum in Arizona and Catifornia as indicated below)	
Medium and Heavy Soifs	Less than		
şiit loams clay loams	100-11220	3-1 5 - 4 pts	
and clays	More than	3-1 ₅ 5 · 4 ³ 4 pts	

Atrazine 4L should not be applied preplant to sorgrem grown in N Mex. Okta. Texas W. Ks. E. Co. Note La Tenn. Miss. Ala. Ga. Fla., S. Car. and N. Cw. St. ore hergence to sorghum grown in N. Mex. Texas. Okta. W. Ks., E. Co., except. n.N.E. Okta. and the Texas. Guif. Cr. ast.

In case of planting failures, sorghum can be replanted into soil previously treated with Afrazine 4L. Do not make a second broadcast application or injury may occur. If Atrazine 80W is applied in a band and sorghum is replanted in the untreated row middles, Atrazine 4L can be applied in a band to the second planting

Pre-emergence Broadleaf Weed Control in Furrow Irrigated Bedded Sorghum (Arizone and California only):

For pre-emergence control of broadleaf weeds such as ground cherry, lambsquarters, morning glory, mustard, pigweed and pursiane, broadcast 1 3/5 to 2 3/5 pts. per acre. Use the lower rate on coarse-textured soils and soils low in organic matter and use the high rate on finetextured soils and soils high in organic matter. Make application after bed preparation, during or after planting, but before sorghum and weeds have emerged and before the first furrow grigation. Several regular irrigations. should follow this application, making sure that all soil is thoroughly wet

Precautions for Pre-emergence Applications of Atrazine 4L to Furrow irrigated Bedded Sorghum Grown in Arizona and California:

To avoid possible sorghum injury, do not use on sand or loams sand soils or on sorghum planted in the furrow Additionally, applications made to sorghum growing on

alkali soils or where cuts, fills or erosions have exposed calcareous or alkali subsoils may result in crop injury. In case of crop failure, do not replant sorghum for eight months following application. Corn may be planted immediately

Postemergence Broadleaf and Grass Weed Control: Apply before weeds exceed 11- inches in height at the rate indicated in Table 4. Applications may be made up to close-in

TABLE IV --

Postemergence Broadleaf and Grass Weed Control in Sorghum

Soil Texture	Minimum Height of Sorghum at Treatment	Broadcast Rate Atrazine 4	
Sand or loamy sand	DO NOT USE		
Sandy loam	See directions for broadless weed control Below		
Silt loam to sandy clay loam	Completely emerged	4-43. pis	
Olton and Pulkman y sorts	At least 6 inches	4-43 nts	
Silty clay loams and heavier soils	Completely emerged	6 plane	

Postemergence Broadleaf Weed Control with Atrazine 4L plus Emulsifiable Oil in Water:

Broadcast 2 1, pts. per acre for control of broadleaf weeds such as annual morning glory, cocklebur lambsquarters mustard pigweed, ragweed smartweed and wild buckwheat. Application should be made before pigweed and lambsquarters reach six inches in height and before all other weeds reach four inches in height. In Texas, New Mexico, Oklahoma Western Kansas Colorado and the desert regions of California and Arizonal apply when sorghum is 6-10 inches in height but before it reaches the boot stage. In all other areas, apply after sorghum reaches the three leaf stage. Add emulsifiable oil at the rate of 1 gallon per acre for ground applications and 12 gallon per acre for aerial applications. A cultivation may be necessary if all weeds are not controlled or if regrowth of weeds occur

Pracautions for Application of Atrazine 4L plus Emulsifiable Off in Water to Sorghum

Theo not use oil in Atrazine 4L sprays when sorghum is under stress from prolonged cold wet weather, poor fertility or other factors or when sorghum is wet an succutent from recent rapidal as crop injury may occur

2) Do'tfol use oil in Atrazine 4L sprays when treating inbroad lines or any preeding stock as injury may occur

- 3) Adding other insecticides, herbicides, liquid fertilizers or other materials is not recommended because they may cause compatibility problems or crop injury
- 4) Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank
- 5) Do not make more than one application of Atrazine 4L emulsifiable oil in water per season

Postemergence Broadleaf Weed Control with Atrazine 4L plus Surfactant in Oklahoma, New Mexico, Texas, Western Karisas, Colorado and Desert regions of Arizona and California only:

Broadcast 2 2, pts of Atrazine 4L plus 3-12 pts of surfactant per acre after sorghum reaches 6 inches in height but before weeds reach 112 inches in height Apply only on sandy loam and finer textured soils

CHEMICAL FALLOW.

Wheat-Sorghum-Fallow

This treatment controls arrival broadleaf and alter ends tolk wind wheat harvest and in the following ighum crop when grown under a តាស៊ីនា Ellage

Apply 6 pts to wheat stubble immediately following wheat harvest. If weeds are present remove them with a sweep plow or other suitable implement after application. Plant sorghum into wheat stubble the following spring with minimum disturbance of the soil. Use a surface planter or a planter leaving a shallow furrow. If weeds are present at planting, remove them with a sweep plow or other suitable implement before planting.

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Precautions: (1) Use only on sit toam or finer textured soil. (2) Wheat-sorghum-fallow cropping sequence must be followed. (3) Do not apply following sorghum harvest.

Note: Do not graze or feed forage from treated area to livestock. Do not plant any crop other than those on this label within 18 months following treatment.

Precautions for all Applications to Sorghum

1) Heavy rains immediately following application tend to resultin excessive concentrations of herbicide in seed furrow resulting in possible crop injury. Applications to winswipplanted scrightm should not be made until furrows are leveled (plow in). Deep planter marks or seed furrows should also be leveled before application.

2) Application grade to sorghum growing under st caused by minor element deficiency or to sorghum growing on highly calcareous soils may result in crop highly

- 3) Do not graze or feed torage from treated areas for 21 days following application
- 4) Following harvest of a treated crop, plow (moldboard or disk-plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of rate used.

For applications to furrow-irrigated bedded sorghum in Arizona and California and for postemergence applications plus emulsifiable oil, see additional precautions under these sections of this label.

Suggestions for Rotational Crops:

- Land treated with Afrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur
- 2) If Atrazine 4L is applied after June 10 do not rotate with crops other than corn or sorghum the next year or injury may occur
- 3) If Atrazine 4L is used at a broadcast rate higher than 6 pts per acre for comparable rates in a band application), a crop of untreated corn or sorghum should precede the rotational crop
- 4) In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required. Use Afrazine 4L to control weeds in sorghum

only when sorghum is to follow sorghum or a crop of untreated sorghum, or corn is to precede other rotational

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5) In Western Minnesota and Eastern parts of the Dakotas, Nebraska, and Kansas, sorghum treated with Atrazine 4L should not be followed with soybeans if the broadcast rate applied was more than 4 pts. per acre (or comparable rate in a band) or injury may occur

6) Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following an Atrazine 4L application on Harps Canisteo, Stroden or other soils having calcareous surface layer

7) Do not plant sugar heers tobacco vegetables. (including dry beans) spring-seeded small grains or small-seeded legumes and grasses the year following Atrazine 4L application or injury may occur

RANGELAND

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

For ground applications use a minimum of 10 gal water A For aerial applications, use a inimimum of 5 gat of water A See Application Procedures for additional information

Establishment of perennial range grasses in West (California, Idaho, Nevada, Oregon, Utah, Washington)

Apply 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

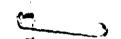
Central Great Plains (Colorado, Kansas, Montana Nebraska, N. Dakota, S. Dakota, Wyoming). Apply 1-2 pt/A in fall before ground freezes

Southern Great Plains (Oklahoma, Texas) Apply 2 pt A in spring before April 30

West (California, Idaho, Nevada, Oregon, Utare Washington) Do not graze area to be treated floto \$ months prior to application. Apply 1-1 5 pt A by graund equipment in fall before ground freezes

Juegrass and intermediate wheatgrass may be injured this product at recommended attes

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 perenniai range grasses — Midwest Switchgrass and Big Bluestern

For control of many annual broadleaf and grass weeds including cheatgrass, foxtails (giant, green, and yellow). lambsquarters, pigweed, ragweed, smartweed, and velvetleaf

For ground application use a minimum of 15 gal of

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

New seeding Apply 2 qt A after planting but before weeds emerge. Prepare a good, firm seedbed. Plant 1: 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

DOUGLAS FIR, GRAND FIR, NOBLE FIR, WHITE FIR LODGEPOLE PINE, PONDEROSA PINE, AND SCOTCH PINE

Annual broadlest and grass weed control: Broadc 2-4 qt in 20-40 gal A between fall and early spring while treast are dormant or soon after transplanting. Apply before weeds are 1.5 mehes tall

Established stands. Apply 2 ql A in April or early May. before weed emergence

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

Rotational crops: See "Rotational crops" in Corn section

Quackgrass control: Broadcast 4 qt A in fall or early spring while trees are dormant and before quackgrass is more than 1.5 inches tall

Precautions: (1) Do not graze treated areas (2) Do not apply to seedbeds (3) Apply only once per year

NONSELECTIVE WEED CONTROL ON NOSCROP LAND

This product provides long-term weed contrôl on industrial sites, highway medians and shoulders, railroad archts-of-way lumberyards, petroleum tank farms, and incrop areas on farms, such as around buildings equipment and fuel storage areas, along fences and lance.

Apply before or soon after weeds begin growth. Make postemergence applications when weeds are young and a tively growing. Use the higher rates on the conyland mack sucception sufficient water to assure thorough coverage. Use at least 1 gall of water for each quart of product, use more if practical

Annual broadleaf and grass weeds linching tramifardgrass icheatgrass crabgrass lambsquarters foxtail ragweed puncturevine and turkey mullein). Broadcast 4-8-10 qt -A

Hard -to-kill annual and many perennial broadleaf and grass weeds including bluegrass burdock Canada thistle dogfennel orchardgrass plantain quackgrass purpletop, redtop and smooth brome) Broadcast 10-20 qt. A

Hard-to-kill biennial and perennial weeds (including bull thistle and sowthistle). Broadcast 20-40 gt. A.

For longer residual control in regions of high rainfall and a tong growing season breadcast 20-40 qt. A For small areas: 0,28,01 per 1,000 co. 11 m.c

ACCEPTED

Formulated For:

Platte Chemical Co. .150 S. Main St

OCT - 8 1981

Under the Federal Insect cide, Fungicide, and Rodentialde Act. Exemont, NE SEC2 sas amended, for the periode registered under EPA Reg. No. 34 104