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Systems Integration Group, Inc.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAY 25 1999

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Gene R. Currie
Cenex/Land O'Lakes Agronomy Company
Box 536
Hampton, IA 50441

Dear Mr. Currie:

Subject: Label Amendment Extending 2,4-D Use in Reduced or No-Tillage Soybeans
(Pre-plant Only)
Class LV4 Phenoxy Herbicide
EPA Reg. No. 1381-102
Your Application Dated April 7, 1999

The Agency is conditionally approving an amendment to the registration of the above-referenced product under the authority of section 3(c)(7)(B) of the Federal Insecticide, Fungicide Act (FIFRA). This amendment allows use of the subject product on reduced or no-tillage soybeans (pre-plant only) with a maximum permissible level for residues of the herbicide in or on soybeans of 0.1 ppm. This amendment will expire automatically on December 31, 2001. In addition, during the period that this amendment is effective, it will be subject to the conditions listed below:

- 1) This acceptance is based on your certification that the submitted labeling on preplant soybean use is an exact copy of the labeling accepted by the Agency on March 15, 1996. Please note that the acceptance of this labeling pertains to the previously approved preplant soybean use only and does not signify the acceptance of any other labeling revisions. No other label revisions are being reviewed or considered with this action. You should also note that if you fail to satisfy the conditions imposed in this certification, EPA may issue a notice to cancel this amendment under FIFRA section 6(e).
- 2) This conditional registration will expire automatically on December 31, 2001. Sale or distribution of the subject product bearing labeling for this use on reduced or no-tillage soybeans (pre-plant only) after December 31, 2001 will be illegal. The tolerance authorizing residues of the subject product will also expire on December 31, 2001. After that date, sale or distribution of food in interstate commerce containing any residue of the subject product will be a violation of the Federal Food, Drug, and Cosmetic Act.

Gen. Cooke

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- 3) Finally, if and when a permanent tolerance is established, EPA will entertain an application to amend the registration of the subject product without any special limitations on the duration of the amendment.

A stamped copy of the labeling is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

CLASS^(R)
CROP PROTECTION

CLASS^(R)
LV4
PHENOXY HERBICIDE

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 25 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

1381-102

3049

ACTIVE INGREDIENT:

2,4-Dichlorophenoxyacetic acid* isooctyl (2-ethylhexyl) ester 66.2%

INERT INGREDIENTS : 33.8%

Total 100.0%

*Isomer Specific by AOAC Method No. 6.275 (13th edition) 1980 * 2,4-Dichlorophenoxyacetic acid equivalent 44.0%.

Contains 3.8 lbs. of 2,4-Dichlorophenoxyacetic acid per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

^(R) CLASS is a registered trademark of CENEX/LAND O' LAKES Agronomy Company

EPA REG. No. 1381-102

K-97WPS

EPA Est. 407-IA-1^S, 2^H Superscript used corresponds to letter in lot number.

Distributed by CENEX/LAND O' LAKES AGRONOMY CO. St. Paul MN 55164

NET CONTENTS _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Do not get in eyes, on skin or clothing. In case of contact, wash with soap and water. Avoid inhaling spray or mist. In case of contact with eyes, wash with plenty of water.

Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D. Do not feed treated straw to livestock. Do not graze pastures or rangeland to dairy animals within 7 days after treatment. Remove meat animals from treated pastures or rangeland 3 days before slaughter.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on a EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as neoprene or, nitrile rubber or, barrier laminate, or viton.
- Shoes plus socks.
- Protective eye wear.

Mixers and loaders who do not use a mechanical system (pump and probe or spigot) to transfer contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE. Follow manufacturer's instructions for cleaning or maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering controls statement:

(STATEMENT TO BE ADDED WHEN CONTAINER SIZE IS 5 GALLONS OR MORE)

Do not pour product from this container. A mechanical system (pump and probe or spigot) must be used in transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. 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.

(LESS THAN 5 GALLON STATEMENT)

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.

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. 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.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect non-target plants. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D 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.

Use care to avoid spray contact or drift to susceptible plants such as beans and other legumes, cotton, flowers, grapes, ornamentals, vegetables, and other plants. Do not permit spray mist containing this product to drift onto them, since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. 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 application.

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 of this box apply only 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 this 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.
- Chemical-resistant gloves, such as neoprene, nitrile rubber, barrier laminate, or viton.
- Shoes plus socks.
- Protective eye wear.

STORAGE AND DISPOSAL

STORAGE: Store in a secure area, in original container only. Do not store near feed or foodstuffs.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, 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: Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal 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.

WEED LIST

CLASS[®] LV4 will control these plants and other 2,4-D susceptible species:

ANNUAL AND BIENNIAL WEEDS

Annual fanweed (field pennycress), annual yellow sweet clover, * beggarticks, bull thistle, burdock, carpetweed, chickweed, cocklebur, coffeeweed, common mullein, common evening primrose, cornflower, croton, galinsoga, goatsbeard, hemp, henbit, jewelweed, jimsonweed, * knotweed, * kochia, lambsquarters, mallow (Venice, dwarf, little), marshelder, morning glory (common, ivy, wooly), musk thistle, mustards (except blue), pennycress, pepperweed (field), ** pigweeds, poorjoe (wooly plantain), * prickly lettuce, puncturevine, purslane, ragweed (common and giant), rough fleabane, Russian thistle, salsify, shepardspurse, stinkweed, * smartweeds (annual), sowthistle (annual or spiny), sunflower, tansymustard, tumbleweed, velvetleaf, vetches, water primrose, * wild carrot, wild lettuce, wild parsnips, wild radish, wild sweet potato.

PERENNIAL WEEDS

* Alfalfa, * bindweeds (hedge, field and European), blue lettuce, * broom snakeweed, buckhorn plantain, buttercup, * Canada thistle, catnip, chamise, chicory, climbing milkweed, curly indigo, dandelion, * docks, * dogbanes, * goldenrod, * ground ivy, * hawkweed (orange), * hoary cress, * Jerusalem artichoke, locoweed, * many-flowered aster, milkvetch, * nettles, nutgrass, plantains, poison ivy, pokeweed, sheep sorrel, sicklepod, sneezeweed (bitter), sowthistle (perennial), * tansy ragwort, * vervains, * wild garlic, wild onion, witchweed, wormwood, yellow rocket, yellow starthistle.

*** BRUSH**

Boxelder, buckbrush, coyotebrush, elderberry, manzanita, rabbitbrush, sagebrush (coastal, big, sand), sand shinnery oak, sumac, willow.

* These species may require repeat treatments and/or the higher rate. ** Control of pigweeds in the Texas and Oklahoma High Plains may be difficult.

USE DIRECTIONS

Unless noted otherwise under individual **DIRECTIONS** section, for aerial application, apply the recommended amount in a minimum of 2 gallons of water per acre. For ground application, apply the recommended amount in a minimum of 3 gallons of water per acre. Use more water for both methods when adverse growing conditions are present. **DO NOT** apply with high spray pressures, hollow cone or other nozzle types that produce small spray droplets which may drift. Avoid spray drift by making applications when conditions such as wind, air stability and temperature inversions are not a factor. The use of a suitable drift control agent at the proper rate will aid in the reduction of spray drift. Apply when weather is warm and plants are rapidly growing. Cold weather or dry conditions may cause poor results. **DO NOT** apply if rain is expected within an hour. Consult your local agronomist or Extension specialist for specific use and crop tolerance situations. When stored at temperatures below freezing, it may be necessary to warm contents to 45° F. and mix thoroughly before using.

MIXING INSTRUCTIONS

Do not apply this product through any type of irrigation system.

WATER BASED SPRAY -- Fill the equipment half full of water, agitate while adding this product, then add the rest of water.

WATER AND SOYBEAN OIL OR PETROLEUM OIL-BASED SPRAY-- First mix this product with the oil, then add to water. If vigorous agitation is possible, the oil can be added last. **DO NOT ADD OIL FIRST!**

SOYBEAN OIL OR PETROLEUM OIL-BASED SPRAY: Add this product to straight oil to form a solution. Do not allow water to get into this mixture, if it does, an invert emulsion will form.

NITROGEN FERTILIZER: Weed and feed applications for corn, small grains, grasses grown for seed or grass pastures according to label use rates. Add half the fertilizer to the tank, then add 1/2 to 3/4 pint of **CLASS[®] LV4** per acre. Agitate constantly and vigorously and finish filling the spray tank with fertilizer. Apply as soon as possible, agitating constantly. Do not hold spray mixture overnight. If incompatibility is a problem, the use of **CLASS[®] COMPLETE COMPATIBILITY[™]** agent at the recommended label rate may correct the problem. Fertilize according to the recommendations of **Agri-Source[™]** labs, your supplier, or your Extension specialist. Herbicide foliage contact burning may occur as a result of fertilizer use. Lower use rates and concentrations will reduce this problem.

Adjuvants for Preemergence and Preplant Applications: A non-ionic surfactant such as **CLASS[®] PREFERENCE[™]** or a crop oil concentrate may be added to the spray solution when this product is applied preemergence or preplant to increase control of large or difficult to control weeds. Crop oil concentrates must contain at least 17% emulsifier, and should be used at 1% volume/volume (1 gallon per 100 gallons of spray solution). Non-ionic surfactants should be used at a 0.25% volume/volume (1 quart per 100 gallons of spray solution).

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Wash spray equipment thoroughly with CLASS^(R) PROTANK™ cleaner after using this product. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells or other water sources. Apply the recommended amount of 2,4-D per acre regardless of the amount of diluent used.

CORN

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|---|---|
| Preplant - Annual and biennial broadleaf seedlings Perennial weed seedlings and existing cover crops | 1 pint 1 to 2 pints* | Planting of corn must be delayed a minimum of 7 days after application at rates up to 1 pint per acre, and a minimum of 14 days at rates from 1 to 2 pints per acre. Planting sooner after application than specified on this label may result in unacceptable crop injury. |
| * Do not perform tillage for at least 7 days after application. Do not use on sandy soils or unacceptable crop injury may result. | | |
| Preemergence and reduced tillage. Broadleaf weeds and annual grasses | 2 to 3pints* | Apply after corn is planted but before emergence for control of emerged broadleaf weeds. The seed furrow must be completely closed at application or severe crop injury may result. |
| * Use higher rate on soils high in organic matter. Do not use on sandy soils or unacceptable crop injury may result. | | |
| Postemergence - Annual broadleaf weeds | 1/2 pint | Apply when corn is less than 8 inches tall, but to avoid crop injury do not apply just after leaves have unfolded. If corn is over 8 inches tall, use drop nozzles to keep spray off of corn foliage as much as possible. See additional restrictions below. |
| Perennial broadleaf weeds | 3/4 to 1 pint** | Apply when weeds are in bud to bloom stage. If corn is over 8 inches tall, use drop nozzles to keep spray off corn foliage as much as possible. |
| ** DO NOT apply from 2 weeks before tasseling to dough stage. DO NOT apply to open whorls. To avoid injury, do not use with atrazine, oil or other adjuvants. Application during high moisture and temperature conditions may cause injury or brittleness. DO NOT cultivate for a week to 10 days after treatment or stalk breakage may occur. | | |
| Late season weed control - Preharvest | 1 to 2 pints * | Apply after silks are completely brown (denting stage) to reduce weeds that interfere with harvest and to decrease weed seed production. |
| * Use lower rate for small annual and biennial weeds. Use the higher rate for perennial and larger hard-to-kill annual and biennial weeds. | | |
| RESTRICTIONS AND LIMITATIONS FOR CORN - Do not forage or feed fodder for 7 days following applications. | | |

SOYBEANS

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|---|--|
| Preplant -- Emerged broadleaf weeds | 1 to 2 pints * | After applying, plant soybean seed as deep as practical or at least 1-1/2 to 2 inches deep. Seed furrow must be completely closed or severe crop injury will result. |
| USE RESTRICTIONS AND LIMITATIONS FOR SOYBEANS - * Planting of soybeans must be delayed a minimum of 7 days after application at rates up to 1 pint per acre, and a minimum of 30 days at rates from 1 to 2 pints per acre. Do not perform tillage for at least 7 days after application. Do not use on sandy soils or unacceptable crop injury may result. Do not replant treated fields in the same growing season with crops that are not labeled for 2,4-D preplant use. Only one application per growing season, regardless of the application rate used, is allowed. Do not feed hay, forage, or fodder. Restrict livestock from grazing treated fields. Livestock should be restricted from feeding/grazing of treated cover crops. Do not graze or cut soybeans for feed from treated fields that have had 2,4-D applied as a preplant treatment. | | |

GRAIN SORGHUM

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|---|---|
| Annual broadleaf weeds | 1/2 pint | Apply to plants that are 5 to 15 inches tall. DO NOT treat plants less than 5 inches tall or from boot to early dough stage. Use drop nozzles when crop is 8 inches or taller. The higher rate may be needed for some weeds, but chances of crop injury may increase. DO NOT use oil. Some varieties and hybrids are 2,4-D sensitive. Crop injury may also be increased by high moisture and temperature conditions. Check with your seed company and Extension Service for advice. |
| Perennial broadleaf weeds | 2/3 to 1 pint | |
| RESTRICTIONS AND LIMITATIONS FOR GRAIN SORGHUM - Do not forage or feed fodder for 7 days following applications. | | |

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SMALL GRAINS - Not underseeded with legumes

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|--|--|
| Postemergence - Spring wheat, barley, and rye - Annual and biennial weeds | 1/2 to 2 pints * | Apply when grain is in full tiller stage (4 to 8 inches high) but before boot stage (Zadoks 2 ₅ to 4 ₀) when weeds are small and actively growing. Up to 2 pints per acre may be used to control difficult weed problems, but do not use unless some crop damage is acceptable. |
| Perennial broadleaf weeds | 1 to 2 pints ** | Apply only in the spring when crop is fully tillered, but before grain is in boot stage (before Zadoks 4 ₀). For improved control of difficult weeds, apply up to 2 pints per acre. |
| ** DO NOT USE THE HIGHER RATE IF POSSIBLE CROP INJURY IS NOT ACCEPTABLE | | |
| Spring and winter wheat and barley | CLASS^(R) LV4 may be used in combination with "Ally"™, "Harmony Extra"™, "Express"™, "Finesse"™, at their earlier application intervals to control resistant weeds such as kochia and Russian thistle. Follow application directions on each product label. | |
| Resistant weeds | | |
| Winter wheat and rye | 1/2 to 1 pint ** | Apply only in the spring when crop is fully tillered, but before grain is in boot stage (before Zadoks 4 ₀). For improved control of difficult weeds, apply up to 2 pints per acre. |
| Annual weeds | | |
| ** DO NOT USE THE HIGHER RATE IF POSSIBLE CROP INJURY IS NOT ACCEPTABLE | | |
| Wild garlic or onions | 1/2 to 2 pints * | Apply 1-1/2 pints when grain is at full tiller and wild garlic and onion plants are small. Apply 2 pints after harvest to the crop stubble. For control of new fall growth of these plants, refer to fallow land use directions. |
| Spring-seeded oats | 1/2 to 2/3 pint* | Apply at full tiller, but before early boot stage (Zadoks 2 ₅ to 4 ₀). |
| Fall seeded oats grown for grain (Southern) | 2/3 to 1-1/2 pints* | Apply at full tiller, but before early boot stage (Zadoks 2 ₅ to 4 ₀). |
| * Difficult to control weeds may require higher rate, but some injury may occur since oats are less tolerant to 2,4-D than wheat or barley. DO NOT spray during or just after cold weather. | | |
| Preharvest - Cereal grains | 1 to 2 pints * | Apply when grain is in hard dough stage (Zadoks 8 ₇) to control weeds that will interfere with harvest. Apply when soil moisture is adequate for weed growth for best results. |
| * Use the lower rate for small annual and biennial weeds. Use the higher rate for perennial weeds or hard-to-kill annual or biennial weeds. The higher rate should be used only where heavy weed infestation is a problem and increased risk of crop damage is acceptable. | | |
| RESTRICTIONS AND LIMITATIONS FOR SMALL GRAINS - Do not feed treated straw to livestock. Do not let dairy animals or animals being finished for slaughter forage or graze treated fields within 2 weeks of treatment. | | |

FALLOW GROUND AND CROP STUBBLE

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|---|---|---|
| Annual broadleaf weeds | 1 to 2 pints | Use the lower rate for small actively growing weeds. Use the higher rate on larger or weather stressed weeds. |
| Biennial weeds | 2 to 4 pints | Use the lower rate in the spring on biennial weeds such as the musk thistle during the rosette stage before stalks have formed. Use the higher rate after stalk formation or in the fall. |
| Perennial weeds | 2 to 6 pints | Apply during the bud to bloom stage while weeds are actively growing. Do not till for 2 weeks after treatment or until the weeds start to die. |
| Wild onions and garlic | 4 to 6 pints | Apply to regrowth in fall after harvest. |
| RESTRICTIONS AND LIMITATIONS FOR FALLOW GROUND AND CROP STUBBLE - Do not graze treated areas for 7 days after treatment. Remove meat animals from treated areas 3 days before slaughter. Do not replant treated areas for 3 months after application or until chemical has disappeared from the ground. | | |

8019

PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|---|--|---|
| Annual broadleaf and * perennial weeds | 1-1/2 quarts | Do not apply after heads form or when grass is in boot to milk stage when a seed crop is desired. DO NOT use on alfalfa, clover, other legumes, or newly seeded pastures. For aerial application, apply the recommended amount in a minimum of 2 gallons of water per acre. For ground application, use a minimum of 10 gallons of water per acre. |
| ** Buckbrush, coyotebrush, rabbitbrush, sagebrush, and other chaparral species. | 2-1/4 to 3 quarts | Apply in 5 to 10 gallons of water plus 1 gallon of oil or 1-2 quarts of a crop oil concentrate with at least 17 % emulsifiers per acre or a non-ionic surfactant at .25% v/v surfactant to water -- (1 quart per 100 gallons of water) per acre. |
| ** Sand shinnery oak | 2-1/4 to 3 quarts | Apply 5 gallons of oil or 4 gallons of water plus 1 gallon of oil or 1-2 quarts of a crop oil concentrate with at least 17 % emulsifiers per acre or a non-ionic surfactant at .25% v/v surfactant to water -- (1 quart per 100 gallons of water) per acre. |
| * Deep-rooted perennial weeds may require the higher rate or repeated treatments. ** Woody plants and any regrowth may require repeat treatments. | | |
| RESTRICTIONS AND LIMITATIONS FOR PASTURES, RANGELAND, AND PROGRAM AREAS - Do not allow dairy animals to graze treated areas within 7 days of application. Do not harvest grass for hay within 30 days of application. Remove meat animals from treated pastures or rangeland 3 days before slaughter. | | |

NON-CROP AREAS - Fence Rows, Roadsides, Rights-of-Way, Airfields, Railroad, Highway and Utility Rights-of-Way, and Other Non-crop Areas

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|--|--|
| Annual broadleaf weeds | 2 to 4 pints | Apply when weeds are young and growing vigorously. |
| Perennial and biennial broadleaf weeds | 1 to 1-1/2 quarts | Spray perennial weeds when near the bud stage, but not flowering. Do not use on St. Augustine grass. Bentgrass, clover, legumes and dichondra may be injured. Do not apply to newly seeded areas until grass is well established. Deep-rooted perennials may require repeated treatments. |
| Tansy ragwort and musk thistle | | Apply in rosette stage before bolting. |
| Wild onion and wild garlic | | Treat in the early spring and fall when young and actively growing. |
| Woody plants - Ground application | 3 quarts | Apply in 20 to 100 gallons of water. For increased effectiveness, add a crop oil concentrate with at least 17 % emulsifiers at 1-2 quarts per acre or a non-ionic surfactant at .25% v/v surfactant to water -- 1 quart per 100 gallons of water. Spray volumes of up to 500 gallons per acre may be needed for control if brush is dense. |
| Woody plants - Aerial application | 2 to 4 quarts | For solid stands of susceptible brush, apply in 3 to 12 gallons volume per acre. 2 to 4 quarts of fuel oil may be included in this mixture. |
| Spot treatment | 4 ounces | Apply in 3 gallons of water, mixing thoroughly and spray to run-off. This high dosage rate may only be used where injury may be tolerated. |
| RESTRICTIONS AND LIMITATIONS FOR NON-CROP AREAS - Do not graze dairy animals or cut forage for hay within 7 days of application. | | |

GOLF COURSES, PARKS, CEMETERIES, TURF GRASS, AND OTHER LAWN AND GRASS AREAS

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|--|---|
| Annual broadleaf weeds | 2 pints | The maximum number of broadcast applications per treatment site is 2 per year. Do not apply to newly seeded areas until grass is well established. Where bentgrass predominates, make 2 applications of 1 pint per acre at 3-week intervals. Do not use on susceptible southern grasses such as St. Augustine, bentgrass and dichondra. |
| Biennial and perennial weeds | 2 to 4 pints * | |
| * Deep-rooted perennials may require repeat applications. Clovers and legumes may be injured by this treatment. | | |
| RESTRICTIONS AND LIMITATIONS FOR GOLF COURSES, PARKS, CEMETERIES, TURF GRASS, AND OTHER LAWN AND GRASS AREAS. - Do not graze dairy animals or cut forage for hay within 7 days of application. | | |

GRASSES GROWN FOR SEED - (DO NOT USE IN CALIFORNIA)

| WEEDS | AMOUNT OF CLASS ^(R) LV4 PER ACRE | DIRECTIONS |
|--|--|--|
| Annual broadleaf weeds Perennial and biennial weeds | 1 to 1-1/2 pints * 2 to 3 pints * | Apply to established stands before the seed head comes into the boot stage. Do not spray in boot stage of growth. For seedling grasses, apply in the spring after grass has tillered or has at least 5 leaves, but before boot stage. |
| * Use only the low rate on seedling grasses. | | |
| RESTRICTIONS AND LIMITATIONS FOR SEED GRASSES - Do not graze dairy animals or cut forage for hay within 7 days of applying. | | |

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the complete Directions for Use label copy and/or booklet ("Directions") when used in accordance with those Directions under the conditions described therein. **NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OF MERCHANTABILITY IS MADE.** This warranty is also subject to the conditions and limitations stated herein. Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with other products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop, or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

In case of emergency involving this product or for user safety information on this product, contact Cenex/Land O' Lakes via CHEMTREC at 1-800-424-9300.

"Ally", "Harmony Extra", "Express", and "Finesse" are registered trademarks of E.I. duPont de Nemours and Company.