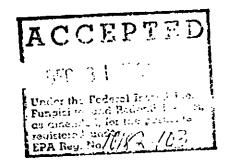
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Front Cover

#### RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



#### **GRAMOXONE® SUPER HERBICIDE**

A Weed, Grass, and Harvest Aid Herbicide

**COMPLETE DIRECTIONS FOR USE** 

Inside of Front Cover

## DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

#### CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the post of Seller and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

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When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

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## KEEP OUT OF REACH OF CHILDREN

#### O DANGER POISON X

### ONE SWALLOW CAN KILL!

SYMPTOMS ARE PROLONGED AND PAINFUL. ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.

#### **PELIGRO**

### PRECAUTION AL USUARIO:

Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

- DO NOT USE OR STORE IN OR AROUND HOME.
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMELIATE USE.
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.

EPA Reg. No. 10182-103

Paraquat dichloride (1,1'-dimethyl-4,4'bipyridinium dichloride)	By Wt. 23.2%
INERT INGREDIENTS	<u>76.8%</u>
	100 0%

Contains 1.5 lbs. paraquat cation per gallon. Contains stench (odor) and emetic.

#### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: IMMEDIATELY induce vomiting by touching back of throat with finger. Administer fluids and induce further vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. GET TO A HOSPITAL OR PHYSICIAN FAST. PROMPT TREATMENT IS ESSENTIAL AND MUST BE INITIATED BEFORE SIGNS AND SYMPTOMS APPEAR.

NOTE TO PHYSICIANS: Call ICI AMERICAS MEDICAL EMERGENCY INFORMATION NETWORK 1-800-327-8633 (Dial 1-800-F-A-S-T-M-E-D) at any hour to obtain toxicology and medical management consultation, a supply of bentonite clay, and paraquat analysis. Symptoms following ingestion may be delayed up to 3 days. To be effective, treatment for paraquat poisoning must begin IMMEDIATELY. Treatment consists of binding paraquat in the gut with suspensions of bentonite clay or charcoal and removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis.

IF ON SKIN: IMMEDIATELY wash with soap and water. Remove and wash all contaminated clothing separate from other laundry with soap and hot water before reusing. Prolonged contact will cause severe imitation. Contact with irritated skin or a cut or repeated contact with intact skin may result in poisoning. GET MEDICAL ATTENTION.

IF IN EYES: It.: MEDIATELY wash eyes with water for at least 15 minutes and get medical attention. Contact may cause eye injury. CALL A PHYSICIAN.

IF INHALED: IMMEDIATELY remove victim to fresh air or get away from spray mist. Exposure may cause imitation, nose bleeds and may lead to poisoning. Stop and check spray procedure. The odor of this product is from the stenching agent which has been added, not from paraquat.

Read and follow PRECAUTIONARY STATEMENTS.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

For other product information, contact your local ICI Americas Inc. Distributor or see Material Safety Data Sheet.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

O DANGER POISON X

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT get in eyes, on skin, or on clothing. DO NOT breathe spray mist. WASH SPLASHES from skin and eyes immediately. WASH thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

 When pouring, loading, mixing concentrate or when exposure to concentrate is possible wear:

A NIOSH/MSHA-approved pesticide respirator.

Protective clothing (disposable suit/coveralls or long-sleeved shirt and pants).

Full face shield.

Mid-forearm waterproof gloves.

Waterproof apron and footwear.

 When spraying end-use dilution outside of an enclosed cab or aircraft or when contacting vegetation wet with spray wear:

Protective clothing (disposable suit/coveralls or long-sleeved shirt and pants).

Wide-brimmed hat.

Waterproof foctwear.

REMOVE contaminated clothing and wash separate from other laundry before reuse.

#### **ENVIRONMENTAL HAZARDS**

WILDLIFE: This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water when disposing of equipment washwaters.

DRIFT: GRAMOXONE SUPER is a contact herbicide that kills all green plant tissue. Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use, or consumption. Do not apply when weather conditions favor drift from areas treated. For aerial applicators use, do not apply during periods of thermal inversion to avoid drift.

CHEMICAL HAZARD: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Such gas could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. After dilution with water to spray concentrations, spray systems made of, or containing aluminum parts, may be used but should not be used for extended (overnight) storage.

EQUIPMENT/CONTAINER: Flush all spray equipment with water after use each day. GRAMOXONE SUPER is corrosive to aluminum. Aluminum spray equipment and aluminum aircraft structures that are exposed to spray solution or spray drift should be flushed thoroughly with water immediately after use.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law and may endanger the applicator or third parties to use this product without complying with all label directions and warnings.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. READ PRECAUTIONARY STATEMENTS, FIRST AID TREATMENT, AND WORKER SAFETY RULES ON PAGES \_\_\_\_\_\_.

NOTE: DO NOT USE AROUND HOME GARDENS, SCHOOLS, RECREATIONAL PARKS, OR PLAYGROUNDS. DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

#### **REENTRY STATEMENTS**

DO NOT enter treated areas without protective clothing until sprays have dried.

AVOID working in spray mist. If there is risk of exposure, wear goggles and approved face mask capable of filtering spray droplets.

KEEP ALL UNPROTECTED PERSONS OUT OF OPERATING AREAS OR VICINITY WHERE THERE MAY BE DANGER OF DRIFT.

Certain states may require more restrictive reentry intervals; consult your State Department of Agriculture for further information.

Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expecte I to be in treated areas or in areas about to be treated.

IMPORTANT: The effect of swallowing GRAMOXONE SUPER herbicide is far more severe than that which usually results from skin contact on inhalation of spray mist. This product should not cause injury if used according to label instructions. Follow the label as if your life depends on it.

#### **GENERAL INFORMATION**

GRAMOXONE SUPER herbicide is a contact herbicide used to control or suppress a broad spectrum of emerged weeds. GRAMOXONE SUPER herbicide controls most small august weeds — both broadleaves and grasses, and suppresses perennial weeds by destroying green foliage. GRAMOXONE SUPER herbicide can also be used as a crop desiccant at harvest.

GRAMOXONE SUPER herbicide is formulated as a liquid which contains 1½ lbs. of active ingredient per gallon. The formulation is green in color and contains a non-toxic odor, and an emetic (an agent which will induce vomiting if the product is swallowed). The green color a dodor are included in the formulation to help prevent accidental ingestion of GRAMOXONE SUPER herbicide.

GRAMOXONE SUPER herbicide is rapidly absorbed by green plant tissue and interacts with the photosynthetic process to produce superoxides which destroy the plant cells. GRAMOXONE SUPER herbicide requires actively growing green plant tissue to function. Thorough coverage of all green foliage is essential for effective weed control. GRAMOXONE SUPER herbicide is not as effective on drought-stressed weeds, weeds with little green foliage (i.e., mowed or cut weeds), or mature woody bark of trees and vines.

Clay and organic matter rapidly tie up GRAMOXONE SUPER herbicide. As a result, GRAMOXONE SUPER herbicide has no residual soil activity to affect later-planteo crops or later germinating weeds.

#### **RAINFASTNESS**

Because GRAMOXONE SUPER herbicide is rapidly absorbed by the weed foliage, rain occurring 30 minutes or more after application will have no effect on the activity of GRAMOXONE SUPER herbicide.

#### **APPLICATION**

Since GRAMOXONE SUPER herbicide is a contact-type herbicide, it is essential to obtain complete coverage of target weeds to get good control. Improper application technique and/or application to large, stressed, or mown weeds will usually result in unacceptable weed control. Good coverage is also essential for proper performance in harvest-aid applications. See pages \_\_\_ and \_\_\_ for specific application instructions.

#### USE OF A NONIONIC SURFACTA 'IT OR CROP OIL CONCENTRATE

#### ALWAYS ADD ONE OF THE FOLLOWING:

Nonionic Surfactant: Add nonionic surfactant containing 75% or more surface-active agent at 0.125% v/v (1 pint per 100 gallons), OR add a nonionic surfactant containing 50-74% surface-active agent at 0.25% v/v (2 pints per 100 gallons), of the finished spray volume for ground applications. For aerial applications, add a nonionic surfactant at 0.25% v/v (2 pints per 100 gallons) of the finished spray volume.

Crop Oil Concentrate: Add a non-phytotoxic crop oil concentrate containing 15-20% approved emulsifier, at 1.0% v/v (1 gallon per 100 gallons) of the finished spray volume tor ground applications. For aerial applications, add 1 pint of crop oil concentrate per acre.

#### **NOZZLE SELECTION**

The use of flat-fan nozzles will result in the most effective application of GRAMOXONE SUPER herbicide. Flood nozzles are generally not as good as flat fans since they produce large uneven droplets. The use of flood nozzles may result in reduced weed control due to inadequate coverage.

RECOMMENDED NOZZLES, PRESSURES AND SETUP						
,	Nozzie Type					
	Flat Fan	Flood				
Maximum Size	8	15				
Spray Pressure (at nozzle)	30-50 P.S.I.	30-50 P.S.I.				
Maximum Nozzle Spacing	30"	40"				
Direction of Spray Pattern	Down	Down				
Maximum Speed	10 mph	10 mph				
Spray Overlap (at each edge)	30%	50%				

Using nozzles, pressures, or setups different from the above chart will result in reduced control.

#### SPRAY CARRIER

Always use clean water (free of mud or clay), clear liquid nitrogen, or complete clear liquid fertilizers as the carrier when spraying GRAMOXONE SUPER herbicide. Muddy water, or suspension-type fertilizers containing clay, can inactivate GRAMOXONE SUPER herbicide. Never use suspension-type fertilizers containing clay as the spray carrier. If using a complete clear liquid fertilizer containing high phosphate levels as the spray carrier, always use the higher rate of GRAMOXONE SUPER herbicide and surfactant.

NOTE: When using liquid fertilizers such as 28% N, as a carrier, it is important that nonionic surfactant still be used with GRAMOXONE SUPER herbicide. Liquid fertilizer carriers cannut substitute for surfactant.

#### RATES OF GRAMOXONE SUPER HERBICIDE

Follow recommended rates listed with each use of GRAMOXONE SUPER herbicide. Use the higher label rates when weeds are dense or large. Also, use higher label rates for harzest aid when crop vegetation is dense.

#### **SPRAY VOLUME**

Follow recommended minimum spray volumes listed with each use of GRAMOXONE SUPER herbicide. These are minimum volumes only, and spray volumes should be increased as necessary to obtain complete coverage of the target weed or plant without runoff from the foliage.

#### DRIFT MINIMIZATION

DO NOT spray if conditions of thermal inversion axist, or if wind direction and speed may cause spray drift onto adjacent areas. With both aerial and ground applications, the use of a drift control or spray deposition additive (in accordance with label directions) may reduce the potential for drift to occur. Drift minimization is the responsibility of the applicator. Consult with local and state agricultural authorities for information regarding avoiding or minimizing spray drift.

When GRAMOXONE SUPER herbicide is applied at less than 10 gallons per acre finished spray volume, a drift control or spray deposition additive MUST be used. Refer to the additive label for use directions.

#### **APPLICATION TIMING**

GRAMOXONE SUPER herbicide should be applied to emerged weeds when they are small. Weeds I" to 6" in height are the easiest to control. Larger weeds may be more difficult to control. When weeds have been grazed or mowed, thus removing much of the green foliage, allow the weeds to regrow to a height of 2 to 4 inches before soraying if possible. Similarly, when forage or grain crops have been harvested prior to spraying, weeds present in the field will also have been cut. To allow for adequate green foliage to remain on weeds in this situation, raise cutter bars as high as possible from the ground to cut stubble and weeds at a greater height.

#### BURNDOWN OF GRASS COVER CROPS OR VOLUNTEER CEREALS

When using GRAMOXONE SUPER herbicide for control of grass cover crops or volunteer cereals, best results are obtained when GRAMOXONE SUPER herbicide is applied prior to tillering or after boot stage. This is especially important with a wheat cover crop or volunteer wheat. Treatments made between tillering and boot stage will generally not provide complete control.

#### **ENVIRONMENTAL CONDITIONS**

GRAMOXONE SUPER herbicide is active over a wide range of environmental conditions. Cool weather (below 55°) will slow the activity of GRAMOXONE SUPER herbicide, as will cloudy, overcast weather, but will not affect performance.

In dry areas, dust stirred up by high winds or equipment tires can coat weed leaves and reduce GRAMOXONE SUPER herbicide activity. Avoid applying GRAMOXONE SUPER herbicide in extremely dusty conditions.

#### **SPOT SPRAYING**

When only small areas are to be sprayed with labeled applications, it is advantageous to mix small quantities of GRAMOXONE SUPER herbicide. To aid in mixing small quantities, the following table should be consulted. When spraying with wand-type applicators as in spot spraying, always follow precautionary statements regarding use, protective clothing and footwear.

If The Broadcast Rate Per Acre for GRAMOXONE SUPER Herbicide is:	Add The Following Amount of GRAMOXONE SUPER Herbicide To 1 Gallon of Water
1½ pts.	1/2 fl. oz.
2½ pts.	3/4 fl. oz.
3 pts.	1 fl. oz.
5 pts.	1-2/3 fl. oz.

Always add 1/3 to 1/2 fl. oz. of a nonionic surfactant for each gallon of spray. When spot spraying in this manner, spray to thoroughly wet the foliage, but not to the point of runoff.

## TANK MIXING FOR IMPROVED BURNDOWN OF DIFFICULT WEEDS, AND RESIDUAL WEED CONTROL

#### Photosynthetic Inhibitor Herbicides

controlled by tank mixing GRAMOXONE SUPER herbicide with other herbicides. The addition of herbicides which are also photosynthetic inhibitors (PSI) will slow the activity of GRAMOXONE SUPER herbicide, allowing GRAMOXONE SUPER herbicide to thoroughly distribute itself within the treated leaf. The resulting level of control is usually greater than if GRAMOXONE SUPER herbicide was applied alone.

GRAMOXONE SUPER herbicide may be applied in tank mixture with the following PSI herbicides:

Atrazine herbicide
Aatrex® herbicide
Bicep® herbicide
Bladex® herbicide
Canopy® herbicide
Conquest® herbicide
Extrazine® herbicide
Gemini® herbicide
Gemini® herbicide
Lexone®/Sencor® herbicides
Lorox Plus® herbicide
Lariat® herbicide
Preview® herbicide
Princep® herbicide
Linex®/Lorox® herbicides

Refer to respective product label(s) for rates of application, directions for use, limitations, cautions and for a list of weeds controlled.

#### Improved Weed Control With PSIs

Control of difficult weeds listed below can be improved by the addition of a PSI herbicide.

Marestail Prickly lettuce
Pennsylvania Smartweed Lambsquarters
Velvetleaf Morningglory
Malva (Cheeseweed) Cheatgrass
Fall Panicum Knotweed
Giant Ragweed Volunteer wheat

Improved Control of Perennial and Annual Broadleaf Weeds

Kochia Perennial Weeds (suppression only)
Cocklebur

# Tansymustard

When perennial broadleaf weeds such as Canada thistle, bindweed, dandelion, etc. or difficult to control annual broadleaf weeds such as giant ragweed or morningglory are present, tankmixes with 2,4-D ester (cv), 2,4-DB or Banvel® herbicide, where labeled, will help improve control. Tank mixing the amine formulation of 2,4-D with GRAMOXONE SUPER herbicide may result in reduced grass control.

#### Order of Tank Mixing

In general, GRAMOXONE SUPER herbicide tankmixes with other products should be mixed as follows:

1. Fill spray tank 1/2 full with clean water or other approved carriers such as clear liquid fertilizer.

- 2. Begin tank agitation and continue throughout mixing and spraying.
- 3. Add dry formulations (WP, DF, etc.) to tank.
- 4. Add liquid formulations (SC, EC, L, etc.) to tank.
- Add GRAMOXONE SUPER herbicide to tank.
- 6. Add nonionic surfactant to tank.
- 7. Fill remainder of spray tank.

Always refer to labels of other pesticide products for mixing directions and precautions which may differ from those outlined here.

Since many of the herbicides listed on this label are available in several types of formulations, it is advisable to perform a jar test to check physical compatibility.

#### LIMITATIONS, PRECAUTIONS AND WARNINGS

- D( NOT use around home gardens, schools, recreational parks, or playgrounds.
- In preplant and preemergence (to the crop) uses, do not apply to soils lacking clay minerals, i.e., peat, muck, pure sand, artificial planting media.
- Seedbeds and plantbeds should be formed as far ahead of planting and treatment as possible to permit maximum weed and grass emergence prior to treatment.
- Seeding or transplanting should be done with a minimum amount of soil disturbance.
- Weeds and grasses emerging after application of GRAMOXONE SUPER herbicide will not be controlled or suppressed.
- Unless otherwise indicated, crop plants emerged at time of application may be severely injured or killed if contacted by sprays of GRAMOXONE SUPER herbicide.
- PRODUCT PERFORMANCE CONCERNS: Concerns with the performance of GRAMOXONE SUPER herbicide must be reported to the retail dealer or to an ICI representative within 14 days of application. Weeds emerging after application or regrowth of perennial weeds do not constitute a legitimate product performance complaint.

#### SPECIFIC USE RECOMMENDATIONS

The following tables indicate use patterns, rates, minimum spray volumes, preharvest intervals and other precautions, restrictions and comments specific to each crop. Read and follow directions carefully.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Preceutions, Restrict
ALFALFA					
New seedlings (California only)	Broadcast	See Table _ page	Ground: 25 gal Air: 5 gal	70	Apply during late winter or early s     Do not cut or harvest within 70 da     Do not apply more than once duri     Caution: Seedling alfalfa stands v     be necessary.     Not recommended for seedling alf     Alfalfa foliage present at time of a
Preplant or Preemergence (No-till or conventional planting)	Broadcast or Banded Over- Row	2½ - 6 pints (use a minimum of 3 pts. in California)	Ground: 10 gal Air: 5 gal	-	Apply prior to emergence of the cr     Crop plants emerged at time of acr     Seeding should be done with a m
Dormant season on established plantings (WA, OR, CO, ID, MT, UT, NV, WY, and Del Norte, Siskiyou, Modoc, Shasta, Lassen, Plumas, Sierra and Nevada Counties in CA)	Broadcast	2½ - 4 pints	Ground: 20 gal Air: 5 gal	42	For desiccation of weeds including dogfennel, chickweed, and tansyn cheatgrass.     Apply to established stands after t dormant but before spring growth     Do not apply if regrowth after last     Alfalfa foliage at time of applicatio     Do not apply more than once per     Do not cut or harvest within 42 da

### Page 17 7 GRAMOXONE SUPER Booklet GRA103B.MAS

Crop	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Dormant season on established plantings (East of the Rocky Mountains and North of the Southern Borders of Co, KS, MO, KY, and VA)	Broadcast	2½ - 4 pints	Ground: 20 gal Air: 5 gal	60	<ul> <li>For control of weeds, including bluegrass, chickweed, henbit, and downy brome and suppression of perennial weeds.</li> <li>Do not apply if fall regrowth following last fall cutting is greater than 6".</li> <li>Apply to well-established stands (at least one year old) after the crop is dormant, but before spring regrowth reaches one inch.</li> <li>Alfalfa foliage present at the time of application will be burned which may reduce the yield of the first cutting.</li> <li>Do not cut or harvest within 60 days of application.</li> <li>Do not apply more than once per season.</li> </ul>
Dormant season Tankmix with Velpar® L. erbicide (East of the Rocky Mountains and North of the Southern borders of CO, KS, MO, KY, and VA).	Broadcast	11½ - 21½ pints	Ground: 20 gal Air: 10 gal	<b>4</b> 2	<ul> <li>For control of weeds such as chickweed, downy brome and tanseymustard.</li> <li>Use the 1½ pt. rate of GRAMOXONE SUPER when weeds and grasses are less than 4" tall.</li> <li>Mix with 1 to 2 qts. of Velpar L per acre.</li> <li>Use the lower rate of Velpar L on loamy sands or sandy loams. Refer to Velpar L label for directions, limitations, cautions and for a list of weeds controlled.</li> <li>Apply once to established allalfa stands during the dormant season.</li> <li>Do not apply to regrowth that is more than 2 inches.</li> <li>Do not apply following cuttings during growing season.</li> <li>Do not apply to alfalfa during the first season after seeding.</li> <li>Temporary chlorosis may occur on alfalfa regrowth.</li> <li>Stress which may be caused in part by low fertility, disease, insects, winterkilt, over cutting, drought or frost may increase the chances of crop injury.</li> <li>DO NOT USE on gravelly or rocky soils, exposed subsoils, hardpan, sand or poorly drained alkaline soils as crop injury, including mortality, may result.</li> <li>Do not cut or harvest within 42 days of application.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Dormant Season (Arizona and California)	Broadcast	11/2 - 21/2 pints	Ground: 20 gal Air: 5 gal	60	<ul> <li>Apply during late fall or winter months after the last fall cutting and before first spring cutting.</li> <li>Do not apply if regrowth after grazing or cutting is more than 2 inches.</li> <li>Do not harvest within 60 days of application or excessive residues may result.</li> <li>Alfalfa foliage present at the time of application will be discolored and temporarily stunted.</li> <li>Total hay yield of first cutting may be reduced in alfalfa fields with severe weed infestation. This reduction will usually be directly proportionate to the loss of weed weight.</li> <li>Do not apply more than once per season.</li> <li>Do not apply following cuttings during the growing season.</li> <li>California</li> <li>For desiccation of weeds including bluegrass, ryegrass, shepherdspurse, chickweed, tanseymustard, foxtail, sowthistle and groundsel.</li> <li>Use high rate if ryegrass, shepherdspurse, sowthistle or groundsel is present.</li> <li>Arlzona</li> <li>For desiccation of weeds, including London rocket, sowthistle, rescue brome and wild oats.</li> </ul>

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Crop	Use Pattern	GRAMOXONE SUPER Rete Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Dormant Season Tankmix with Velpar L (ID, OR, UT, and WA, NV, and the northern California Counties of Del Norte, Siskiyou, Modoc, Shasta, I assen, Plumas, Sierra, and Nevada)	Broadcast	11½ - 21½ pints	Ground: 20 gal Air: 10 gal	42	<ul> <li>For control chickweed, downy brome and tanseymustard.</li> <li>Use the 1½ pt. rate of GRAMOXONE SUPER when weeds and grasses are less than 4" tall.</li> <li>Mix with 1 to 2 qts. of Velpar L per acre.</li> <li>Use the lower rate of Velpar L on loarny sands or sandy loarns. Refer to Velpar L label for directions, limitations, cautions and for a list of weeds controlled.</li> <li>Apply once to established alfalfa stands during the dormant season.</li> <li>Do not apply to regrowth that is more than 2 inches.</li> <li>Do not apply following cuttings during growing season.</li> <li>Do not apply to alfalfa during the first season after seeding.</li> <li>Temporary chlorosis may occur on alfalfa regrowth.</li> <li>Do not cut or harvest within 42 days of application.</li> <li>Stress which may be caused in part by low fertility, disease, insects, winterkill, over cutting, drought or frost may increase the chances of crop injury.</li> <li>DO NOT USE on gravelly or rocky soils, exposed subsoils, hardpan, sand or poorly drained alkaline soils as crop injury, including mortality, may result.</li> </ul>
Between-cuttings treatment in established plantings. (Includes first year alfalfa) (Alf states East of the Rocky Mountains)	Broadcast	1½ pinta	Ground: 20 gal	30	<ul> <li>Weeds much beyond the seedling stage and the stubble of weeds cut off during harvest will be less affected by this treatment.</li> <li>Apply immediately after affalfa has been removed for hay or silage.</li> <li>Do not treat more than 5 days after cutting.</li> <li>CAUTION: First year affalfa stands and yields may be reduced if affalfa is allowed to regrow more than two (2) inches.</li> <li>Alfalfa foliage present at time of application will be burned.</li> <li>In arid areas where moisture is limited, weed control may be reduced.</li> <li>Do not cut or harvest within 30 days of application.</li> <li>Make 1 to 3 applications, as needed, during the growing season. These sprays may be applied in addition to a dormant application.</li> <li>For first year affalfa, do not apply more than twice during the first growing season.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
ASPARAGUS Preplant or Preemergence	Broadcast or Band Over-Row	2½ - 5 pints (use a minimum of 3 pts. in California)	Ground: 25 gal Air:* 5 gal *Currently not registered for use in California.	•	Apply to emergence of the crop.     Crop plants emerged at time of application will be killed.
Preemergence to established plantings at least 2 years old	Broadcast or Band Over-Row	2½ - 5 pints (use a minimum of 3 pts. in California)	Ground: 25 gal	6	<ul> <li>Apply prior to emergence of crop or after last harvest.</li> <li>Crop plants emerged at time of planting will be killed.</li> <li>May be tank-mixed with Princep herbicide for residual control. Refer to Princep label for specific directions, limitations, cautions and for a list of weeds controlled.</li> </ul>
BEANS, DRY (Form) Cicer arietum Chick peas Garbonzo beans Lupinus spp (including) Sweet lupine White sweet lupine White lupine Grain lupine Phaseolus spp (including) Kidney beans Lima beans Mung beans Navy beans Pinto beans Snap beans Wax beans Vigna spp (including) Asparagus beans Blackeyed peas Cowpeas	Harvest-Aid	114 - 21/2 pints	Ground: 20 gal Air: 5 gal	7	<ul> <li>Add spreader (nonionic) at 1 quart per 100 gallons of spray mix.</li> <li>For vining type beans or bush type with lush growth, use a single application of the higher rate.</li> <li>May also be applied as a split application. DO NOT make more than 2 applications or exceed a total of 1.5 pints per acre. The split application may improve vine coverage.</li> <li>Apply when the crop is mature and at least 80% of the pods are yellowing and mostly ripe with no more than 40% (bush type beans) or 30% (vine type beans) of the leaves still green in color.</li> <li>DO NOT apply when weather conditions favor spray drift. A drift control agent may be included to reduce spray drift.</li> <li>DO NOT use on Faba beans.</li> <li>NOT REGISTERED FOR USE ON DRY BEANS IN CALIFORNIA</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
CASSAVAS, TANIERS & YAMS (Puerto Rico only) Shielded Post directed spray)	Directed Spray	2½ pints	Ground: 50 gal	90	<ul> <li>Apply when weeds are succulent and growth is 1-6 inches.</li> <li>On cassavas and taniers, do not make more than 3 applications per crop season.</li> <li>On yams do not make more than 2 applications per crop season.</li> <li>Do not allow spray to contact cassavas, tanier or yam plants as injury may result.</li> <li>Do not spray under windy conditions.</li> <li>Do not graze treated areas or feed treated forage to livestock.</li> </ul>
CLOVER Dormant season on established plantings (WA, OR, CO, ID, MT, UT, NV, WY and the counties of Del Norte, Siskiyou, Modoc, Shasta, Lassen, Plumas, Sierra, and Neva ta in CA)	Broadcast	2½ - 4 pints	Ground: 20 gal Air: 5 gal	60	<ul> <li>For desiccation of ryegrass, bluegrass, cheatgrass, dogfennel, chickweed, and tanseymustard. Use higher rate if cheatgrass is present.</li> <li>Apply after the last fall cutting when the crop is dormant but before spring growth starts.</li> <li>Do not apply if regrowth following the last fall cutting is more than 2 inches.</li> <li>Clover foliage present at the time of application will be burned.</li> <li>Do not pasture animals in treated fields before first cutting.</li> <li>Do not graze, cut or harvest within 60 days of application.</li> <li>Do not apply more than once per season.</li> </ul>
CONSERVATION RESERVE AND FEDERAL SET- A':DE AROGRAM'S (For use in compliance with the Federal Conservation Reserve Program or Federal set-aside programs).	Broadcast	24-5 pints (currently not registered for use in California at rate higher than 2½ pts.)	Ground: 10 gal Air: 5 gal	•	For improved emerged weed control or extended weed control, GRAMOXONE SUPER may be tank mixed with other herbicides registered for this use. Refer to tank mix herbicide labels for specifidirections, limitations, cautions and for a list of weeds controlled.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest interval (Days)	Precautions, Restrictions and Comments
CORN Preplant or Preemergence Used Alone	Broadcast or Banded Over Row	Weeds 1-3": 1½ - 2 pts Weeds 3-6": 2 - 2½ pts Weeds 6": 2½ - 5 pts	Ground: 20 gal Air: 5 gal		<ul> <li>Includes field, fresh, sweet, forage, fodder and popcorn.</li> <li>Seedbeds should be formed as far ahead of planting and treatment as possible to permit maximum weed and grass emergence.</li> <li>Seeding should be done with a minimum amount of soil disturbance.</li> <li>Weeds and grasses emerging after application will not be controlled. Crop plants emerged at time of application will be killed.</li> </ul>
Tank Mixture Treatments for No- till/Reduced Till Com	Broadcast or Banded	Weeds 1-3": 1½ - 2 pts Weeds 3-6": 2 - 2½ pts Weeds 6": 2½ - 5 pts	Ground: 20 gal	•	Apply as a broadcast spray before, during or after planting, but before crop emergence. For improved burndown or residual control, GRAMOXONE SUPER may be tank mixed with the following herbicides:  2,4-D Ester Bladex Linex AAtrex/Atrazine Dual® herbicide Lorox Banvel Extrazine Modown® herbicide Bicep Griffex Princep Prowl® herbicide Lasso® herbicide Simazine GRAMOXONE SUPER may also be tank mixed with AMBUSH® Insecticide. Refer to respective product label(s) for rates of application, directions for use, limitations, cautions, and for a list of weeds or insects controlled.
FIELD CORN POPCORN SWEET CORN* *Currently not registered for use in California on sweet corn.	Posternergence Directed Spray Used Alone	1½ pints	Ground: 20 gal	•	<ul> <li>Apply when corn is at least 10 inches tall with nozzles arranged to spray no higher than the lower 3 inches of corn stalks.</li> <li>Corn plants shorter than 10 inches may be injured and not recover (corn height measured from soil surface to top of whorl).</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
	Postemergence Directed Spray Tankmix with Atrazine	1½ pints	Ground: 20 gal	<u>-</u>	<ul> <li>Do not mix with liquid fertilizer.</li> <li>For improved control of emerged weeds (especially broadleaf weeds). Add 1/2 to 1 lb al/acre Atrazine in a tank mix. Refer to the Atrazine label for directions, limitations, cautions and for a list of weeds controlled.</li> <li>Constant agitation of tank-mix is necusary at all times.</li> <li>Refer to other precautions, etc., in "used alone" section immediately above.</li> </ul>
FIELD CORN ONLY (grain, fodder, forage, popcorn)	Posternergence directed spray USDA witchweed eradication program	21½ pints	Ground: 10 gal	•	<ul> <li>Initiate sprays in early July and repeat in early August if regrowth of grassy weeds occurs.</li> <li>Follow application instructions in posternergence directed spray section above.</li> </ul>
COTTON  Preplant or Preemergence (Used alone)	Broadcast	2½ - E pints (use a minimum of 3 pts. in California)	Ground: 20 gal Air: 5 gal	-	<ul> <li>Apply prior to, during or after planting, but before crop emergence.</li> <li>For fallow bed treatment, beds should be preformed to permit maximum weed and grass emergence prior to treatment.</li> <li>Seeding should be done with a minimum of soil disturbance.</li> </ul>
Preplant (California only) (Used alone)	Broadcast	11 - 21 fl oz	Ground: 20 gal Air: 5 gal	•	For control of volunteer barley in preformed seedbeds.
Preplant or Fallow Bed (Tankmix with Goal® herbicide)	Broadcast	1½ - 5 pints	Ground or Air: 10 gal	•	Refer to Goal label for specific use directions and restrictions, and weeds controlled.
Preplant (Tankmix with Bladex)	Broadcast	21/2 - S pints	Ground: 20 gal Air: 5 gal	-	Refer to Bladex label for specific use directions and restrictions and weeds controlled.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Far Acre	Minimum Total Spray Per Acre	Grazing or Prehervest Interval (Days)	Precautions, Restrictions and Comments
Preplant/ Preemergence (Other Tankmixes)					Apply as a broadcast spray before, during or after planting, but before crop emergence.  Other Tankmixes For improved burndown or residual control, GRAMOXONE SUPER may be tank mixed with the following herbicides: Cotoran® herbicide (4L only) Zorial® herbicide Karmex®/Direx® herbicides. Dual Prowl When tank mixing with Cotoran 4L, add Dawn® dishwashing liquid to the tank at 8 oz/100 gallons water prior to adding the Cotoran and GRAMOXONE SUPER. When tank mixing with any of the herbicides listed above, refer to that product's label for specific directions and restrictions and for a list of weeds controlled.
	Harvest Aid	· .			<ul> <li>Hervest Aid Use Precautions</li> <li>Do not pasture lactating dairy animals.</li> <li>Do not pasture livestock in treated fields within 15 days after treatment.</li> <li>Remove livestock from treated area 30 days before slaughter.</li> <li>Do not feed gin trash to livestock.</li> <li>Do not apply to cotton within 3 days before harvest.</li> <li>Repeat application if necessary. Do not make more than 2 applications or exceed a total of 2½ pts./A.</li> <li>When combined with phosphate defoliants, observe livestock cautions listed on the phosphate label.</li> <li>When combined with chlorate defoliants, do not pasture livestock on treated areas or feed treated foliage or gin trash.</li> <li>Do not apply within 7 days of harvest when used with phosphate or chlorate defoliants.</li> </ul>

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Crop	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Cornments
Harvest aid for boll opening and defoliation (Tank mix with phosphate and chlorate defoliants)	Broadcast	11 fl. oz. plus 1 pt. phosphate or 1 gal chlorate	Ground: 10 gal Air: 5 gal	7	<ul> <li>Development of immature bolls will be inhibited.</li> <li>Apply when 80% or more of the bolls are open and the remaining bolls to be harvasted are mature.</li> <li>Follow Harvest and use precautions listed above.</li> </ul>
Other Tankmixes for boll opening and defoliation of southern cotton	Broadcast	4 - 6 oz.	Ground: 10 gai Air: 5 gal	-	<ul> <li>To aid in defoliation and opening of mature bolls, GRAMOXONE SUPER may be tank mixed with the following products:         DEF® defoliant HARVADE® harvest growth regulant FOLEX® defoliant PREP™ PGR         DROPP® defoliant</li> <li>Apply when 60% or more of the bolls are open and the remaining bolls to be harvested are mature.</li> <li>Development of immature bolls will be inhibited.</li> <li>Refer to tank mix product label for rate, directions, limitations and cautions.</li> </ul>
Post Defoliation-To aid in opening of mature bolls and to desiccate green weeds (except AZ & CA).	Broadcast	1½ - 2½ pints	Ground: 20 gal Air: 5 gal	3	<ul> <li>Use higher rate if weed infestation is heavy or dense.</li> <li>Apply when 75% or more of the boils are open and remaining bo to be harvested are mature.</li> <li>Development of immature boils will be inhibited.</li> <li>Follow Harvest Aid Use Precautions listed above.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Harvest aid for boll opening and defoliation of Western cotton (AZ & CA).	Broadcast Split Application	First application 7 - 11 fl. oz. plus 1-3 pts. phosphate or 1-2 gal chlorate	Ground: 10 gal Air: 5 gal	7	<ul> <li>Use higher rate of GRAMOXONE SUPER on rank cotton.</li> <li>Do not use more than 11 fl. oz. of GRAMOXONE SUPER at first application as excessive desiccation may occur.</li> <li>Apply when 60% or more of the boils are open and the remaining bolls to be harvested are mature.</li> <li>Development of immature bolls will be inhibited.</li> <li>Do not use more than 4.0 lbs. of actual sodium chlorate or 2.28 lbs. of actual phosphate type defoliants per acre.</li> <li>Follow Harvest Aid Use Precautions listed above.</li> </ul>
(Tankmix wrti: phosphate or chlorate defoliants)		Second application 11 - 21 fl oz alone or tank mixed with 1½-2 gal chlorate, or 1½-2 pts. phosphate		3 (Alone) or 7 (Tankmix)	<ul> <li>In desert cotton areas or on rank vigorous cotton, use the 21 fl oz rate of GRAMOXONE SUPER.</li> <li>Apply when 75% or more of the bolls are open and remaining bolls to be harvested are mature.</li> <li>Development of immature bolls will be inhibited.</li> <li>Follow Harvest Air Use Precautions listed above.</li> </ul>
Harvest aid desiccation of stripper cotton or spindle harvested cotton late season	Broadcast	1½ - 2½ pints	Ground: 10 gal Air: 5 gal	3	<ul> <li>May be applied as a split application. Do not make more than 2 applications or exceed a total of 2½ pts/Acre.</li> <li>Apply when 85% of the bolts are open and the remaining bolts to be harvested are mature.</li> <li>Development of immature bolts will be inhibited.</li> <li>Follow Harvest Aid Use Precautions listed above.</li> </ul>
Desiccation of Regrowth (except California)	Broadcast	11 - 21 fl oz	Ground: 10 gal Air: 5 gal	3	<ul> <li>Use to desiccate regrowth occurring after defoliation or desiccation.</li> <li>Use higher rate if regrowth is excessive.</li> <li>Follow Harvest Aid Use Precautions listed above.</li> </ul>
EASTER LILIES (Field grown)	Preemargonce	2½ 5 pints (tise a minimum of 3 pts. In California)	Ground: 20 gal	-	Do not apply more than twice per season.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
GRASSES (For Seed) (For Use in Seedbed Preparation)	Preplant, At Planting	2½ pints	Ground: 20 gal	•	<ul> <li>Prepare the seedbeds and allow weeds to germinate,</li> <li>Apply GRAMOXONE SUPER when weeds are at the 3 to 5 leaf stage,</li> <li>Repeat applications as necessary prior to or on the day of seeding.</li> <li>Do not graze treated areas or use the seed or straw from treated areas for animal feed or bedding.</li> </ul>
GUAR (Preharvest desiccation	Preharvest	2½ pints	Ground: 20 gal	4	Apply after the pods are fully mature.     Do not graze treated areas or use the treated forage for snimal feed.
MINT (Peppermint, Spearmint)	Doment Season	2 - 4 pints	Ground: 25 gal	•	<ul> <li>For suppression of weeds such as Italian ryegrass, prickly lettuce, groundsel, chickweed, downy brome and bluegrass.</li> <li>Apply when crop is domant before spring growth begins and when weeds are less than 6 inches tall.</li> <li>Do not apply more than 2.4 pts per acre per dormant season.</li> <li>May be tank mixed with Sinbar® herbicide (terbacil) weed killer for improved contact activity and residual control of Italian ryegrass, prickly lettuce and groundsel. Apply this tank mixture no more than once per season. Refer to the Sinbar label for rates, directions, and cautions and for a list of weeds controlled.</li> </ul>
NONCROP USES	Broadcast or Spot Treatment	2½ - 5 pints (use a minimum of 3 pts. in California)	Ground: 50 gal	•	<ul> <li>For use in noncrop areas such as public airports, electric transformer stations, pipeline pumping stations, around commercial buildings, storage yards and other installations, fence lines or similar noncrop areas.</li> <li>Avoid contact with the foliage of ornamentals or desired plants.</li> <li>Repeat as necessary.</li> </ul>
ONIONS (seeded) AND GARLIC	Preplant/ Preemargence	2½ - 5 pints ('se a minimum of 3 pts. in California)	Ground: 20 gal	60 200 (CA only)	<ul> <li>Use the higher rate for heavy weed infestations or wild oat control. Apply only one application per season at the 5 pt per acre dosage.</li> <li>Allow maximum weed and grass emergence prior to treatment but apply prior to crop emergence.</li> <li>Apply a maximum of 5 pt per acre per season.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
PASTURE RESEEDING For suppression of existing sod and undesirable emerged broadleaf weeds and grasses prior to, or at time of, planting of grasses or forage legumes or winter annuals.	Broadcast or Sanded Over- Flow	11½ - 21½ pinte	Ground: 20 gal Air: 5 gal	See specific geographic recommend- ation	West of Cascade and Sierra Nevada Mountaine: Apply in October through December after first fall rains and after weeds have emerged and sod has started new growth. For best seeding results, apply on moderately to heavily grazed areas. Do not use in areas with heavy sod and weed growth.  East of Rocky Mountains Use the 2½ pint rate on vigorous or coarse sod species such as bromegrass. See specific directions for use in the South and Southeast for suppression of bermudagrass or bahiagrass sods. Apply prior to, or at time of seeding grasses or forage legumes such as alfalfa, clover and birdsfoot trefoil. Apply only to grazed or mowed pastures not more than 3 inches in height at time of treatment.
		1½ pints			South and Southeast - Bermudagrass or Bahiagrass Sods - Late  Summer or Early Fall Application for Sod Suppression when Seeding  Winter Annuals:  Apply in late summer or early fall to sod not exceeding 3 inches in height.
		11/2 pints			Bermudagrass Pastures - Dormant Season Suppression of Emerged  Weeds  Apply during March For control of little barley, apply before the mid-boot stage.  Do not mow for hay until 40 days after treatment.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
For Control of Endophyte-Fungus- Infected Fescue Forage Legume/Grase Mixture and Other Grass Pastures	Broadcast (Split Application)	1½ - 2½ pints followed by 1½ - 2½ pints	Ground: 20 gal	•	<ul> <li>Use split applications of 10 to 21 days apart if necessary.</li> <li>Do not exceed 5 pints per acre total in preparation for reseeding.</li> <li>For spring plantings, the initial application of 1½ to 2½ pts may be made the previous fall.</li> <li>Apply when feecue is actively growing and no more than 4 inches high.</li> <li>To reduce the infestation of endophyte-infested grass, do not allow fescue to go to seed starting with the preceding year's crop.</li> </ul>
PEANUTS* *Not registered for use in California.	Broadcast	11 oz Second application 11 oz	Ground: 20 gal	•	<ul> <li>To control or suppress small (1-6") emerged annual grass and broadleaf weeds in peanuts at ground crack. A second application of 11 fl oz/acre may be made up to 28 days after ground crack.</li> <li>Make no more than two applications per crop and do not apply a total of more than 22 fl oz of product per crop.</li> <li>Crop foliage sprayed will be injured in the form of bronjing and crinkling but the crop will recover and develop normally.</li> </ul>
(Tankmix with Basagran® herbicide)	Broadcast	Second application 11 oz	Ground: 20 gal	•	<ul> <li>For improved control of weeds such as cocklebur, bristly starbur, smartweed and prickly sida, tank mix GRAMOXONE SUPER with Basagran at 1 pint/acre.</li> <li>This tankmix should be applied at the ground crack stage of peanutis. A second application may be made up to 28 days after application.</li> <li>Make no more than two applications per crop and do not apply a total of more than 22 fl oz of product per crop.</li> <li>Crop foliage sprayed will be injured in the form of bionjing and crinkling but the crop will recover and develop normally.</li> <li>Refer to the Basagran label for specific use directions, limitations, cautions and for a list of weeds controlled.</li> <li>Do not apply this tankmix if peanuts show injury (leaf phytotoxicity and/or plant stunting) produced by any other herbicide treatment as injury may be enhanced and/or prolonged.</li> <li>Do not apply this tankmix during prolonged periods of drought unseasonably cold weather as unsatisfactory weed controlled.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
(Tankmix with Butyrac® herbicide or Butoxone™ herbicide 200)	Broadcast	11 oz Second Application 11 oz	Ground: 20 gal	•	<ul> <li>For improved control of weeds such as cocklebur, sicklepod and morningglory tank mix GRAMOXONE SUPER with 8-16 oz (0.125-0.25 lbs) per acre of Butyrac or Butoxone 200.</li> <li>Make no more than two applications per crop and do not apply a total of more than 22 fl oz of product per crop.</li> <li>Crop foliage sprayed will be injured in the form of bronjing and crinkling but the crop will recover and develop normally.</li> <li>Refer to the complete Butyrac or Butoxone 200 label for specific use directions, firnitations, cautions and for a list of weeds controlled.</li> </ul>
PIDGEON PEAS (Puerto Rico only)	Directed Spray	2½ pints	Ground: 20 gal	60	<ul> <li>Avoid contact with pidgeon pea foliage.</li> <li>Do not make more than 1 application per season.</li> <li>Do not graze treated areas or feed treated forage to livestock.</li> <li>Cannery waste can be fed to livestock.</li> </ul>
PINEAPPLE	Directed Spray	2½ - 5 pints	Ground: 50 gal	20	Retreatment may be necessary on more mature weeds.
POTATO Preplant or Preemergence	Broadcast	1½ <sub>.</sub> - 2½ pints	Ground: 30 gal Air: 5 gal	•	Do not apply later than ground cracking, before potatoes have emerged.
Preplant (California only) (Used alone)	Broadcast	11 - 21 fl oz	Ground: 20 gal Air: 5 gal	<u>.</u>	For control of volunteer barley in preformed seedbeds.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Preharvest vine killing and weed desiccation (Except Northern Alabama; Counties of Marshal, DeKalb, Jackson and Cherokee)	Broadcast	1½ - 2½ pinta	Ground: 50 gal	3	<ul> <li>Begin application when leaves begin to turn yellow.</li> <li>Immature or drought-stressed potato foliage are tolerant to GRAMOXONE SUPER. Desiccation will not be complete under these conditions.</li> <li>Use 2½ pts/acre rate where quick vine kill is desired.</li> <li>Use two applications of 1½ pts/acre when vine growth is dense. Split applications must be applied a minimum of five days apart.</li> <li>Do not pasture livestock in treated potato fields.</li> <li>Do not use on muck or peat soils to avoid injury to subsequent crops.</li> <li>DO NOT use to desiccate potato vines when potatoes are to be stored or used for seed as this use may result in tuber decomposition or failure of seed pieces to germinate and grow normally.</li> <li>Do not exceed 5 pts/acre per season.</li> </ul>
RESIN SOAKING (Pines)	See Page				
SMALL FRUITS Blackberries Boysenberries Raspberries Blueberries	Posternergence Directed Spray	2½ - 6 pints	Ground: 50 gal	-	Apply before emergence of new canes or shoots as injury to those canes or shoots can occur.     Apply as a course spray to avoid crop injury from fine spray mist.
Strawberries	Postemergence Directed Spray	21½ pinte	Ground: 20 gal	21	<ul> <li>Apply by directing spray between the rows and using shields to prevent spray contact with crop plants.</li> <li>Do not allow spray to contact strawberry plants as injury or excessive residues may result.</li> <li>Do not apply more than 3 times per season.</li> <li>Do not graze livestock in treated areas.</li> </ul>

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Crop	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Alinimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precentions, Restrictions and Comments
SMALL GRAINS (Barley, wheat) Preplant or Preemergence	Broadcast or Banded Over Row	Weeds 1-3°: 1½ - 2 pts Weeds 3-6°: 2 - 2½ pts Weeds 6°: 2½ - 5 pts	Ground: 20 gal Air: 5 gal	-	Do not graze livestock in treated areas or harvest for forage or hay.
CHEMICAL FALLOW (Use during fallow periods in wheat- fallow, wheat- annual crop, and continuous wheat cropping systems)	Broadcast	1½ - 2½ pints	Ground: 10 gal Air: 5 gal	-	<ul> <li>Use higher spray volumes for better coverage as density of stubble, crop residue or weeds increase.</li> <li>The addition of Banvel or 2,4-D may aid in the suppression of emerged perennial broadleaf weeds and large annual broadleaf weeds.</li> <li>For extended weed control during the fallow period, tankmixes with registered residual herbicide combinations are permissible.</li> <li>Refer to 2,4-D, Banvel or residual herbicide label(s) for directions, limitations, cautions and for a listing of weeds controlled.</li> <li>Weeds taller than 6 inches may not be controlled.</li> </ul>

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Crop	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
SORGHUM (Grain)	Preplant/ Preemergence Broadcast or Band Application	Weeds 1-3": 1½ - 2 pts Weeds 3-6": 2 - 2½ pts Weeds 6": 2½ - 5 pts	Ground: 20 gal Air: 5 gal	•	<ul> <li>Seedbeds should be formed as far ahead of planting as possible to allow maximum weed and grass emergence.</li> <li>Seeding should be done with a minimum amount of soil disturbance.</li> </ul>
(Tankmixes with Atrazine & 2-4D)	Preplant or Preemergence			-	GRAMOXONE SUPER may be tank mixed with Atrazine for improved preemergence or residual weed control. The addition of 2,4-D (ester) may aid in the suppression of perennial and annual broadleaf weeds emerged at the time of application. Refer to the specific tankmix herbicide label(s) for rates, directions, limitations, and cautions and a list of weeds controlled.
	Posternergence Directed Applications	1½ - 2½ pints	Ground: 20 gal	•	<ul> <li>Apply when sorghum is at least 12 inches tall when naturally standing.</li> <li>Do not exceed 30 psi nozzle pressure or spray under conditions which may cause excessive drift.</li> <li>Use precision directed-spray application equipment adjusted so that no more "han the lower 3 inches of the sorghum stalk is contacted by the application spray.</li> <li>Some crop injury will occur. The degree of injury is related to the precision of application and spraying conditions.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
SOYBEANS	Preplant/ Preemergenca	Weeds 1-3": 1½ - 2 pts Weeds 3-6": 2 - 2½ pts Weeds 6": 2½ - 5 pts	Ground: 20 gal Air: 5 gal	•	Apply as a broadcast spray before, during or after planting, but before crop emergence. For improved burndown or residual control, GRAMOXONE SUPER may be tank mixed with the following herbicides:  2,4-DB  Lasso  Preview  Canopy  Lexone  Prowf  Dual  Linex  Scepter® herbicide  Gernini  Lorox  Sencor  Goal  Lorox Plus  Surflan® herbicide  Turbo® herbicide  The rate of GRAMOXONE SUPER to be used in these tank mixtures is dependent on weed height and growing conditions. Use the highest recommended rate of GRAMOXONE SUPER under dry conditions or where the weed canopy is dense. Refer to the specific tank-mix herbicide label(s) for rates, directions, limitations, and cautions and for a list of weeds controlled. The lower rate may be used when weeds are less than 4" tall and a selective post-emergence spray or cultivation will be made within 3 weeks after planting.  Seeding should be done with a minimum amount of soil disturbance.

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Tankmix w/2,4-D ester* *Not registered for tankmix use with this product in California.	Preplant/ Preemergence	Weeds 1-3": 1½ - 2 pts Weeds 3-6": 2 - 2½ pts Weeds 6": 2½ - 5 pts	Ground: 20 gal Air: 5 gal	•	<ul> <li>Apply at least 30 days prior to planting.</li> <li>Do not use the arrine formulation as GRAMOXONE SUPER activity may be reduced.</li> <li>May be tank mixed with residual herbicides listed above.</li> <li>Refer to the 2,4-D ester label for a list of rates, directions, limitations and cautions and for a list of 1. eeds controlled.</li> </ul>
Directed Spray	Posternergence	1/3 to 2/3 pts	Ground: 20 gal	•	<ul> <li>For control of seedling johnsongrass, crabgrass, goosegrass, brachiaria, Texas millet and pigweed less than 2 inches tall, use the lower rate of GRAMOXONE SUPER.</li> <li>For control of the above grasses up to 4 inches tall or pigweed up to 3 inches tall, use the higher rate of GRAXOMONE EXTRA.</li> <li>Do not treat if soybeans are less than 8 inches tall.</li> <li>Use precision directed spray application equipment adjusted so that no more than the lower 3 inches of the soybean plant is contacted by the application spray.</li> <li>Do not exceed 30 psi nozzle pressure or spray under conditions which may cause excessive drift.</li> <li>Some crop injury will occur. The degree of injury is related to the precision of application and spraying conditions.</li> <li>Do not graze treated areas or feed treated forage to livestock.</li> <li>If needed make a second and final application 7-14 days later.</li> </ul>
	Harvest Aid	11 - 22 oz	Ground: 20 gal Air: 5 gal	•	<ul> <li>Indeterminate varieties: Apply when at least 65% of the seed pods have reached a mature brown color or when seed moisture is 30% or less.</li> <li>Determ:nate varieties: Apply when plants are mature, i.e, beans are fully developed, 1/2 of leaves have dropped, and remaining leaves are yellowing.</li> <li>Immature soybeans will be injured.</li> <li>Mature cocklebur, especially drought-atressed plants, are tolerant to GRAMOXONE SUPER and desiccation will not be complete. Always use the higher rate for cocklebur.</li> <li>Do not pasture livestock in treated area within 15 days after treatment. Remove livestock from treated areas at least 30 days prior to slaughter.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum To Spray Per A	otal	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
SUGARCANE	Posternergence Directed Spray					General Comments Apply as a shielded or directed spray to avoid contact with cane foliage to prevent leaf burn and yield reduction.  Make a second and final application, if necessary, when new weed growth is 2-8 inches high.  Do not graze treated areas or feed treated forage to livestock.
Florida		21/2 pints	Ground: 50	gal	•	<ul> <li>For optimum results, apply in early spring (March-April) when weeds are small.</li> <li>Do not apply after June 1 as cane growth may be stunted and yields reduced.</li> </ul>
Hawaii	İ	21/2 pints	Ground: 20	gal	•	Do not apply after cane rows have closed in.
Louisiana		1.4 - 4 pints	Ground: 20	gal	30	For titler control, apply when titlers are less than 18 inches high.     Use the higher rate for heavier weed infestations or titler growth.
– Florida & Texas	Harvest Aid	11 - 21 fi oz	Air: 5	gal	-	Use higher rate under cool, cloudy weather conditions. Apply 3-14 days before burning and harvest.
SUNFLOWER AND SAFFLOWER Preplant or Preemergence	Broadcast or Banded Over Row	2½ - 5 pints (use a minimum of 3 pts. in California)		gal gal	-	Apply before, during, or after planting but before crop emergence.
Preplant (California only) Safflower only)	Broadcast	11 - 21 fl oz	I .	gal gal	•	For control of volunteer barley in preformed seedbeds.
Preharvest Desiccation (All seed sunflower varieties only)	Broadcast	11½ - 21½ pts	1	gal gal	7	<ul> <li>Apply when sunflower seeds reach physiological maturity (when seed moisture is 35% or lower). For many varieties, this corresponds to the time when the back of the heads are yellow and the bracts are turning brown.</li> <li>Do not graze treated areas or feed treated forage to livestock.</li> <li>Use the higher rate when crop stands or weed infestations are heavy.</li> </ul>

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Cray	Jee Pattern	GRAMOXONE SUPER Rute Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
TARO, DRYLAND (Halvaii Only)	Postemergence Dirac ad Spray	1½ - 2½ pts	Ground: 20 gal	180	<ul> <li>Do not allow spray to contact the taro plants as injury may result.</li> <li>Make the first application when weed growth is 1 to 4 inches high.</li> <li>Weeds emerging after the application will not be controlled.</li> <li>A single re-treatment may be made; however, do not harvest dryland taro within 6 months of the last application.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
TREES AND VINES Orchards, Vineyards, Windbreak, Shade & Ornamental Trees Acerola Almonds Apples Apricots Avocados Bananas Cherries Citrus Coffee Figs Filberts Grapes Kiwi Fruit Macadamia Nuts Nectarines Olives Papayas Peaches Pears Pecans Pistachios Plums Prunes Walnuts Other shade and ornamental trees such as arborvitae, ash, elm, fir, oak, pine, etc.	Directed Spray	2½ - 5 pints (use a minimum of 3 pts. in California	Ground: 30 gal	Kiwi Fruit 14 Pistachios 7	<ul> <li>Do not allow spray to contact green stems (except suckers), fruit or foliage.</li> <li>Use a shield or wrap plant when spraying around young trees or vines.</li> <li>Do not graze treated areas.</li> <li>Do not feed cover crope grown in treated areas to livestock.</li> <li>Do not apply when figs, nuts or olives to be harvested are on the ground.</li> <li>For grapes - treat when sucker growth is no more than 8" long.</li> <li>For kiwi fruit - Do not treat more than 3 times per year.</li> <li>For pistachios - Do not exceed two applications after shells split.</li> <li>For mature woody weeds, perennial weeds, late germinating weeds and green suckers, retreatment or spot treatment may be necessary.</li> </ul>

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Crop	Use Pattern	GRAMOXONE SUPER	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Tankmixes	Directed Spray	2½ - 5 pts (use a minimum of 3 pts. in California)	Ground: 30 gal	Refer to other TM labels	<ul> <li>GRAMOXONE SUPER may be tank mixed with registered residual herbicides listed below for combined emerged and residual weed control. Always refer to other herbicide label(s) for respective precautions, limitations, restriction, dates and directions for use and weeds controlled.</li> <li>GRAMOXONE SUPER may be tank mixed with the following herbicides:         <ul> <li>Goal</li> <li>Devrinol® herbicide</li> <li>Solicam® herbicide</li> </ul> </li> </ul>
Guava	Directed Spray	6 pinte	Ground: 50 gal	-	<ul> <li>Do not allow spray to contact green stems, fruit or foliage.</li> <li>Do not graze treated areas.</li> <li>Do not feed cover crops grown in treated areas to livestock.</li> <li>For mature woody weeds, late-germinating weeds and grasses, and perennials, retreatment or soot spraying may be necessary.</li> </ul>
Hops (ID, OR, & WA only)	Directed Spray and/or Suckering and Stripping	2½ pints	Ground: 20 gal	14	<ul> <li>Do not apply to hop vines less than 6 ft. tall.</li> <li>Retreatment or spot treatment may be necessary.</li> <li>Do not apply more than 3 times per season.</li> <li>Do not allow spray to contact green stems, foliage, flowers, or cones as injury may result.</li> <li>Do not allow animals to graze in treated hopyards.</li> <li>Hop vine refuse and silage may be fed to livestock.</li> <li>For suckering and stripping, spray only the basal 2 ft. of the vines. Repeat as necessary.</li> <li>Experience with varieties other than CASCADE, YAKIMA CLUSTER, and BULLION is limited. If using GRAMOXONE SUPER on other varieties than these, test the use pattern on a small number of vines of each variety to determine sensitivity to injury. Do not use on unlisted varieties if unacceptable crop injury occurs.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Totel Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
Passion Fruit	Directed Spray	5 pints	Ground: 50 gal	•	<ul> <li>Use a shield or wrap vine if bark is still green at application time.</li> <li>If application is to be made during harvest season, pick all fruit off the ground prior to application.</li> <li>Do not allow animals to graze on treated areas.</li> <li>Retreatment or spot treatment may be necessary.</li> </ul>
TYFON (New Hampshire only)	Preplant Preemergence	2½ - 5 pints	Ground: 20 gal	-	<ul> <li>Seeding should be done with a minimum of soil disturbance.</li> <li>Weeds and grasses emerging after treatment will not be controlled.</li> <li>Crop plants emerged at time of application will be injured.</li> </ul>

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
VEGETABLES (Seeded or Transplanted) Beans (Lima, Snap) Broccoli Cabbage Cantaloupe Carrots Cauliflower Chinese Cabbage Collards Cucumber Eggplant Lettuce Musk Melons Peas Peppers Pumpkin Squash Sugar Beets Sweet Corn Turnips Tomatoes Watermelons	Preplant Preemergence	21½ - 5 pints (use a minimum of 3 pts. in California)	Ground: 20 gal	•	<ul> <li>Seedbeds or plantbeds should be formed as far ahead of treatment as possible to permit maximum weed emergence.</li> <li>Applications can be made as a banded or broadcast treatment before, during or after planting but prior to the crop emergence.</li> <li>Use the higher rate for heavier weed infestations.</li> <li>Seeding or transplanting should be done with a minimum amount of soil disturbance.</li> <li>Crop plants emerged at time of application will be killed.</li> </ul>
Lettuce Musk Melons Peppers Sugar Beets Tornatoes Watermelons	Preplant		Air: 5 gal		

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Сгор	Use Pattern	GRAMOXONE SUPER Rate Per Acre	Minimum Total Spray Per Acre	Grazing or Preharvest Interval (Days)	Precautions, Restrictions and Comments
VEGETABLES Tornatoes Peppers (Middle Atlantic, Southeast, South Central Regions, and Southwest to the Western Border of Texas)	Directed Spray	2½ pinta	Ground: 20 gal	•	<ul> <li>For control or suppression of emerged weeds between rows after crop establishment.</li> <li>Use precision directed spray application equipment adjusted to prevent spray contact with crop plants. Do not exceed 30 pai nozzle pressure or spray under conditions which may cause excessive drift.</li> <li>Apply when weeds are succulent and weed growth is less than 6 inches.</li> <li>Do not apply more than 3 applications per season.</li> <li>Do not allow animals to graze in treated areas.</li> </ul>
VEGETABLES Sweet Corn	Directed Spray	1½ pints	Ground: 20 gal	-	<ul> <li>Apply when corn is at least 10 inches tall. Arrange nozzles to spray no higher than the lower 3 inches of the corn plant.</li> <li>Corn plants shorter than 10 inches may be injured and not recover (corn height measured from soil surface to top of whorl).</li> </ul>
VEGETABLES (California only) Lettuce Melon Sugar Beets Tornatoes	Broadcast	11 - 21 fl oz	Ground: 20 gal Air: 5 gal	-	For control of volunteer barley in preformed seedbeds.
VEGETABLES Rhubarb	Dorment	2½ - 5 pints (use a minimum of 3 pts. in California)	Ground: 50 gal	-	Apply during dormant season before buds in crown begin to grow.     Do not make more than 2 applications per season.

(4 in. tall or less)	1711.02.	, //2 <b>2 pto</b> /
Volunteer Small Grain (8 in. tall or less)	11 to 21 fl. oz.	2½ pts
Fiddleneck (6 in. tall or less)	11 to 21 fl. oz.	2½ pts.
Shepherdspurse	11/2 to 21/2 pts.	-
Annual Bluegrass	•	11/2 to 21/2 pts.
Chickweed	•	11/2 to 21/2 pts.
Red Maids (6 in. tall or less)	-	11/2 to 21/2 pts.

Do not use the 11 fl oz rate unless the alfalfa has at least 3 trifoliate leaves; the 1½ pt rate unless the alfalfa has 6 trifoliate leaves; or rates over 1½ pts unless there are 9 trifoliate leaves.

#### **RESIN SOAKING**

Pines (Loblolly, Shortleaf, Longleaf, Slash, Virginia, Pond, Pitch, and Spruce Pines).

Tree Selection - Select trees to be treated from stands on sites not subject to periods of extreme drought stress as the desiccating effect of GRAMOXONE SUPER herbicide to pines is accentuated during such periods, causing a reduction in the amount of eleoresin deposited in the xylem. Select trees to be treated from vigorous, non-stagnated stands, either natural or planted. In stagnated stands or commercial timber stands, plan treating with GRAMOXONE EXTRA herbicide not sooner than three years after a commercial thinning.

Application Directions - Apply GRAMOXONE SUPER herbicide diluted in water (0.2% to 5% cation, wt./wt. basis, depending on the type of treatment method) to a suitable wound in the tree trunk to bring the treatment into contact with the xylem (sapwood). One of the following methods may be used:

Bark Streaks or Cuts: This type of wound is made using a standard or rotary bark hack or a chainsaw chipping tool employed in naval stores work to remove a single one-inch wide streak of bark about I to 2 feet from ground level. The total length should not exceed 1/3 of the tree circumference. Multiple streaks or cuts can result in serious girdling of the trunk and premature death of the tree. A coarse spray (about 2 to 6 ml.) of GRAMOXONE SUPER herbicide solution (I% to 5% cation, wt./wt. basis) should be applied to runoff to the exposed xylem, using a plastic acid bottle or a low-pressure sprayer. Wear rubber gloves when using

the acid bottle. The amount of spray required per cut depends on tree circumference and the length of cut or streak (1/3 of circumference). For a 9-inch diameter tree, 3 ml. of spray will cover the 1-inch wide streak. Using 3 ml. of a 2% or 4% GRAMOXONE SUPER herbicide solution will result in application of 60 or 120 mg. GRAMOXONE SUPER herbicide per streak.

Tree Injection: Pressure injections of 1% to 4% GRAMOXONE SUPER herbicide solution (cation, wt./wt. basis) should be applied beneath the bark and just beneath the cambium layer. Injections should be made 1 to 2 inches apart around 1/3 of the tree circumference or no closer than 3 inches apart all around the tree. From C.2 ml to 0.4 ml of GRAMOXONE SUPER herbicide solution is applied per injection. Using 2% to 4% GRAMOXONE SUPER herbicide solution, this results in 36 to 144 mg GRAMOXONE SUPER herbicide applied per 9-inch diameter tree, for holes spaced 1 inch apart around 1/3 of the tree or 3 inches apart all around the tree.

Bore Holes: 3/8 to 5/8 inch diameter holes 2 to 6 inches deep, depending on tree diameter are bored sloping slightly downward and tangentially inward rather than directly towards the center of the tree. Solutions of 0.3% to 5% GRAMOXONE SUPER herbicide can be used. Lower concentrations (0.3%) are usually applied at higher volumes of 15 to 35 ml per tree, resulting in application of 45 to approximately 100 mg GRAMOXONE SUPER herbicide per tree. Using 2% to 4% solutions and applying 5 ml per single hole per tree results in application of 100 or 200 mg GRAMOXONE SUPER herbicide per tree. Bore hole applications in the range of 45 to 100 mg GRAMOXONE SUPER herbicide per tree have resulted in effective oleoresin induction.

Time of Treatment: Resin soaking can occur from treatments made any time of the year, however, cool season treatments under nondrought conditions usually result in less severe pine beetle infestations and longer tree life.

Interval Between Treatment and Tree Harvest: The interval between application of GRAMOXONE SUPER herbicide and tree harvest should be a minimum of 6 months and preferably from 12 to 24 months. Intervals of over 6 months may not be possible under conditions of drought or serious pine beetle attacks, which may make early harvest necessary. The GRAMOXONE SUPER herbicide treatment may encourage beetle attack, or may cause premature death of the tree. Desiccation of the xylem tissue, rather than the desired resin soaking, may occur, and is more likely at higher dosage rates.

#### Effect on Stem Growth:

GRAMOXONE SUPER herbicide treatment can result in reduced stem growth during the interval between treatment and tree harvest.

Dilution Table for GRAMOXONE St	Dilution Table for GRAMOXONE SUPER Herbicide (1.5 lbs. cation per gallon):				
Concentration of Cation Desired (Wt./Wt. Basis)	To 1½ Gallon of GRAMOXONE SUPER Herbicide add the following No. Gals. of Water:				
0.2%	118.8				
0.5%	46.8				
1.0%	22.9				
2.0%	10.9				
3.0%	6.9				
4.0%	4.9				
5.0%	\$.7				

	Conversion Table GRAMOXONE SUPER Herbicide to be Applied					
Pints/Ac	Fi Oz/Ac	Lb ai/Ac	Ac/Gal			
•	7	.08	18.3			
•	11	.13	11.6			
•	21	.25	6.1			
11/2	24	.28	5.3			
2	32	.38	4.0			
21/2	40	.47	3.2			
3	48	.56	2.7			
4	64	.75	2.0			
5	80	.94	1.6			

#### STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE: Store at temperatures above 32°F. Do not contaminate feed, foodstuffs or drinking water. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC 1-800-424-9300.

PESTICIDE DISPOSAL: This product is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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: Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by state and local authorities.

#### FOR BULK AND MINI-BULK CONTAINERS:

CONTAINER DISPOSAL: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

CONTAINER PRECAUTIONS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

REFILL ONLY WITH GRAMOXONE SUPER HERBICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than GRAMOXONE SUPER will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

. o not refill or transport damaged or leaking container.

#### CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

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