34704-976 11/15/2012 1/50

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

11-15-12

Edith Emory
Loveland Products, Inc
3005 Rocky Mountain Ave
Loveland, CO 80538

Subject EPA Reg 34704-976 / Intensity One Post Emergence Grass Herbicide Notification

Dear Ms Emory

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 10-2-12 for the product EPA Reg 34704-976 / Intensity One Post Emergence Grass Herbicide The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10 The label submitted with the application has been stamped "Notification" and will be placed in our records

If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft Erik@epa gov

Sincerely,

Kathryn Montague
Product Manager 23
Herbi ide Branch
Registration Division (7505P)

Please read instructions on reverse before completing f — Form Approved — No 2070 0060

United States
EPA Environmental Protection Agency
Washington DC 20460

☐ Registration ☐ Amendment ☑ Other

OPP Identifier Number

Application for Pesticide - Section I

1 Company/Product Number	2 EPA Product Manager	3 Proposed Classification
34704 976	Kathryn Montague	☑ None ☐ Restricted
4 Company/Product (Name) INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	PM# 23	

5 Name and Address of Applicant (Include ZIP Code)
Loveland Products Inc
P O Box 1286
Greeley CO 80632 1286
☐ Check if this is a new address

6 Expedited Review In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to
EPA Reg No _____
Product Name _____

Section - II

☐ Amendment Explain below
☐ Resubmission in response to Agency letter dated _____
☑ Notification Explain below
☐ Final printed labels in response to
☐ Me Too Application Agency letter dated _____
☐ Other Explain below

Explanation Use additional page(s) if necessary (For Section I and Section II)
Addition of Leci Tech logo to label

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Section - III

1 Material This Product Will Be Packaged In

Child Resistant Packaging	Unit Packaging		Water Soluble Packaging		2 Type of Container
☐ Yes* ☑ No	☐ Yes* ☑ No		☐ Yes* ☑ No		☐ Metal ☑ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
* Certification must be submitted	If Yes Unit Packaging wgt	No per container	If Yes Package wgt N/A	No per container N/A	

3 Location of Net Contents Information	4 Size(s) RetailContainer	5 Location of Label Directions
☑ Label ☐ Container	2 5 GAL	☑ On Label ☐ On Label accompanying product

6 Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☑ Other — Self Adhesive

Section - IV

1 Contact Point *(Complete items directly below for identification of individual to be contacted if necessary to process this application)*

Name	Title	Telephone No (Include Area Code)
Edith Emory edith emory@cpsagu com	Manager of Registrations	(970) 685 3389

Certification

I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law

6 Date Application Received (Stamped)

2 Signature	3 Title
Edith Emory	Manager of Registrations
4 Typed Name	**5 Date**
Edith Emory edith emory@cpsagu com	10/2/2012

EPA Form 8570 1 (Rev 8 94) Previous editions are obsolete

Loveland PRODUCTS
Get Growing

October 2, 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U S Environmental Protection Agency
Room S4900, One Potomac Yard
2777 S Crystal Drive
Arlington VA 22202

Subject Notification Intensity One Post Emergence Grass Herbicide EPA Reg No 34704 976
Addition of logo on label

Dear Kay

Loveland Products, Inc is respectfully submitting this notification of a minor label change for the subject registration The change involves only the addition of a logo for a proprietary technology known as "Leci Tech" This is not intended to become a part of the product brand name (neither the primary nor any alternate brand name)

In support of this request please see the following enclosures

1 EPA Form 8570 1 Application for Registration
2 CD containing an electronic version of the proposed label
3 Certification with Respect to Label Integrity
4 2 printed copies of the label

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

As always, if there are questions or concerns with this submission, please feel free to contact me via email at edith emory@cpsagu com or by telephone at 970 685-3389

Sincerely,

Edith Emory

Edith Emory
Manager of Registrations
edith emory@cpsagu com
Loveland Products, Inc

Enclosures

Loveland CTS

Intensity one

POST-EMERGENCE GRASS HERBICIDE ®

LECI-TECH INSIDE

ACTIVE INGREDIENT	
***Clethodim**	**12 6%**
OTHER INGREDIENTS	**87 4%**
TOTAL	**100 0%**

Contains Petroleum Distillates
*(E)-2[1-[[(3-chloro-2-propenyl)oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
Contains 0 97 lbs clethodim per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

FIRST AID	
If in eyes	• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye • Call a poison control center or doctor for treatment advice
If on skin or clothing	• Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 to 20 minutes • Call a poison control center or doctor for treatment advice
If swallowed	• Immediately call a poison control center or doctor • Do not induce vomiting unless told to do so by the poison control center or doctor • Do not give any liquid to the person • Do not give anything by mouth to an unconscious person
If inhaled	• Move person to fresh air • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible • Call a poison control center or doctor for further treatment advice

Have the product container or label with you when calling a poison control center or doctor, or going for treatment **FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL 1-866-944-8565**
NOTE TO PHYSICIANS Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid, which can cause pneumonitis If ingested, probable mucosal damage may contraindicate the use of gastric lavage

EPA REG NO 34704-976

EPA EST NO 34704-MS-001

NET CONTENTS 2½ gals (9 46 L)

102408 V6D 09R12

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation Avoid contact with eyes, skin or clothing Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals Harmful if swallowed

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Applicators and other handlers must wear

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves such as barrier laminate or viton $\geq$ 14 mils,
- Shoes plus socks,
- Protective eyewear, goggles, face shield or safety glasses

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them Follow manufacturer's instructions for cleaning/maintaining PPE If there are no such instructions for washables, use detergent and hot water Keep and wash PPE separately from other laundry

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

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark Do not apply where runoff is likely to occur Do not apply where weather conditions favor drift from areas treated Do not contaminate water when disposing of equipment washwater or rinsate

The use of this product may pose a hazard to the federally designated endangered species of Solano Grass and Wild Rice Use of this product is prohibited in the following areas where the species are known to exist

Solano Grass Solano County, California the vernal lakes area bounded by the Union Pacific Railroad and Hastings Road to the north, Highway 113 to the east, Highway 12 to the south, and Travis Air Force Base to the west

Wild Rice Hays County, Texas

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame

DIRECTIONS FOR USE

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

READ ENTIRE LABEL AND PAMPHLET USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS

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 regulation

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

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 in this box only apply 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 24 hours
PPE required for early entry to treated areas that 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 over short-sleeved shirt and short pants,
- Chemical-resistant gloves such as barrier laminate or viton $\geq$ 14 mils,
- Chemical-resistant footwear plus socks,
- Protective eyewear, goggles, face shield or safety glasses,
- Chemical-resistant headgear for overhead exposure

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170) The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses
Keep all unprotected persons out of operating areas, or vicinity where there may be drift Do not enter treated areas without protective clothing until sprays have dried

TANK MIXES

NOTICE Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or applicator advisor
Read and follow the entire label of each product to be used in the tank mix with this product

[THE FOLLOWING STATEMENT ON CHEMIGATION WILL BE USED ONLY IF SUPPLEMENTAL LABEL IS CREATED]

CHEMIGATION

[Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed Refer to supplemental labeling entitled, "Application of Intensity One Post-Emergence Grass Herbicide Onions (dry bulbs and green) and Garlic by Chemigation", for use directions for chemigation]

May be applied to onions and garlic by sprinkler irrigation systems Do not apply by chemigation to any other crop, or to this crop using any other type of irrigation system

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

GENERAL INFORMATION

FOR USE ON Alfalfa, Asparagus, Bean (dry) and Pea (shelled)[1], Bean and Pea (succulent shelled)[2], Broccoli, Cabbage, Canola*, Carrot, Cauliflower (and other Head and Stem Brassica Vegetables)[3], Celery, Clover (grown in Idaho, Oregon and Washington only), Conifers, Cotton, Cranberry, Cucumber, Eggplant (and other Fruiting Vegetables)[4], Fallow Land (and other non-producing agricultural areas), Field Corn[5], Flax*, Garden Beet, Garlic, Herbs[6], Hops, Horseradish (and other Root Vegetables)[7], Legume Vegetables (edible podded)[8], Lettuce, Head and Leaf (and other Leafy Greens)[9], Melons (including Cantaloupe and Watermelon)[10], Mint, Mustard Greens (and other Leafy Brassica Greens)[11] Mustard Seed*, Non-Bearing Food Crops, Non-Crop or Non-Planted Areas, Onions (dry bulb and green), Ornamentals, Peanut (including perennial), Peppers (bell and non-bell), Potato, Radish, Rhubarb (and other Leaf Petioles)[12], Safflower, Sesame, Shallot (dry bulb), Squash (including Pumpkin)[10], Soybean, Strawberry, Sugar Beet, Sunflower, Sweet Potato, Tomato and Yam (and other Tuberous and Corm Vegetables)[13]

***Not for use in California**

1 Other Bean (dry) and Pea (shelled) crops approved for use with Intensity One Post-Emergence Grass Herbicide include Bean (*Lupinus* spp), grain, sweet, white and white sweet, Bean (*Phaseolus* spp), field, kidney, lima (dry), navy, pinto and tepary, Bean (*Vigna* spp), adzuki bean, black-eyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, Southern pea, urd bean, broad (dry), chickpea (garbanzo), guar, lablab bean and lentil, Pea (*Pisum* spp), field and pigeon

2 Other Bean & Pea (succulent shelled) crops approved for use with Intensity One Post-Emergence Grass Herbicide include Bean (*Phaseolus* spp), broad bean (succulent), lima bean (green), Bean (*Vigna* spp), black-eyed pea, cowpea, Southern pea, Pea (*Pisum* spp), English pea, garden pea, green pea and pigeon pea

3 Other Head and Stem Brassica Vegetables approved for use with Intensity One Post-Emergence Grass Herbicide include Chinese broccoli, Brussels sprouts, Chinese (napa) cabbage, Chinese mustard, cavalo broccolo and kohlrabi

4 Other Fruiting Vegetables (except tomato) approved for use with Intensity One Post-Emergence Grass Herbicide include eggplant, groundcheny, pepino, peppers (all) and tomatillo

5 For burndown of existing stand of Roundup Ready® field corn or volunteer Roundup Ready field corn prior to replanting field corn

6 Other Herb Crops approved for use with Intensity One Post-Emergence Grass Herbicide include angelica, balm, basil, borage, burnet, camomile, catnip, chervil (dried), chive, Chinese chive, clary, coriander (leaf), costmary, culantro (leaf), curry (leaf), dill (dillweed), horehound, hyssop, lavender, lovage (leaf), marigold marjoram (*Onganum* spp), nasturtium, parsley (dried), pennyroyal, rosemary, rue, sage and savory, summer and winter

7 Other Root Vegetables approved for use with Intensity One Post-Emergence Grass Herbicide include bur dock, edible, celeriac, chervil, turnip-rooted, chicory, ginseng, parsley, turnip-rooted, parsnip, radish, oriental, rutabaga, salsify, salsify, black, salsify, Spanish, skirret and turnip

8 Other Edible Podded Legume Vegetable crops approved for use with Intensity One Post-Emergence Grass Herbicide include Bean (*Phaseoulus* spp), runner, snap and wax, Bean (*Vigna* spp), asparagus, Chinese longbean, moth, yardlong, jackbean, Pea (*Pisum* spp), dwarf, edible-pod, snow, sugar snap, pigeon and sword bean

9 Other Leafy Greens crops approved for use with Intensity One Post-Emergence Grass Herbicide include amaranth (Chinese spinach, leafy amaranth and tarnpala), arugula (roquette), chervil, chrysanthemum (edible-leaved and garland), corn salad, cress (garden, yellow rock and winter), dandelion, dock (sorrel), endive (escarole), lettuce (head and leaf), orach, parsley, purslane (garden and winter) radicchio (red chicory), spinach (New Zealand and Vine (Indian and malabar)

10 Other Cucurbit crops approved for use with Intensity One Post-Emergence Grass Herbicide include chayote (fruit), Chinese wax gourd, citron melon, edible gourd, gherkin and muskmelons (all) including Honeydew Melon

11 Other Leafy Brassica Greens approved for use with Intensity One Post-Emergence Grass Herbicide include broccoli raab, Chinese (bok choy) cabbage, collards, kale, mizuna, mustard greens, mustard spinach, rape greens and turnip greens

[12] Other Leaf Petiole crops approved for use with Intensity One Post-Emergence Grass Herbicide include cardoon, celtuce, Chinese celery Florence fennel, and Swiss chard

[13] Other Tuber and Corm Vegetables approved for use with Intensity One Post-Emergence Grass Herbicide include arracacha, arrowroot, Chinese artichoke, Jerusalem artichoke, edible burdock, edible canna, bitter and sweet cassava, chayote (root), chufa, dasheen (taro), ginger, leren, tanier, turmeric and bean yam

Intensity One Post-Emergence Grass Herbicide is a postemergence herbicide for control of annual and perennial grasses Intensity One Post-Emergence Grass Herbicide does not control sedges or broadleaf weeds

Control Symptoms
Treated grass weeds show a reduction in vigor and growth Early chlorosis/necrosis of younger plant tissue is followed by a progressive collapse of the remaining foliage Symptoms will generally be observed in 7 to 14 days after application, depending on grass species treated and environmental conditions

APPLICATION INFORMATION

Timing of Applications
Apply Intensity One Post-Emergence Grass Herbicide postemergence to actively growing grasses according to rate table recommendations Applications made to grass plants stressed by insufficient moisture, hot or cold temperatures, or to grass plants exceeding recommended growth stages may result in unsatisfactory control Do not apply under these conditions

In arid regions where irrigation is used to supplement limited rainfall, Intensity One Post-Emergence Grass Herbicide should be applied as soon as possible, after an irrigation (within 7 days) In arid regions, a second application of Intensity One Post-Emergence Grass Herbicide will generally provide more effective control of perennial grass weeds than a single application Make a second application to actively growing grass 2 to 3 weeks after emergence of new growth

Cultivation of treated grasses 7 days prior to or within 7 days after application of Intensity One Post-Emergence Grass Herbicide may reduce weed control

Ground Application
Use of sufficient spray volumes and pressure is essential to ensure complete coverage Use a minimum of 5 0 gallons and a maximum of 40 0 gallons of spray solution per acre Under the following conditions a minimum of 10 0 GPA is required ultra narrow row cotton, narrow row soybeans, broadleaf herbicide tank mixes, perennial grasses, volunteer corn, drought or stress conditions, heavy grass pressure or when grasses are at or near maximum height Failure to use a minimum of 10 0 GPA under these conditions can result in poor coverage and the reduced grass control requiring repeat applications Spray pressures should reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle Do not use flood nozzles

Applications to onions (dry bulb and green), garlic or shallots (dry bulbs and green) should be made in a minimum of 20 0 gallons of spray solution per acre

Air Application
Use a minimum of 3 0 gallons of spray solution per acre unless otherwise directed in this label Increase spray volumes up to 10 0 gallons as grass or crop foliage becomes dense For onions (dry bulbs and green), garlic or shallots (dry bulbs and green) When applying by air do not exceed 17 0 fluid ounces per acre in a single application In California, air applications to onions, garlic, or shallots should be made in a minimum of 20 0 gallons of spray solution per acre In states other than California, air application to onions, garlic or shallots should be made in a minimum of 10 0 gallons of spray solution
NOTE Crop injury may occur when Intensity One Post-Emergence Grass Herbicide is applied to onions, garlic or shallots with aerial equipment

Spot Treatment
When using hand sprayers or high volume sprayers utilizing hand guns, mix 1/3 to 2/3% (0 44 to 0 85 fluid ounce per gallon) Intensity One Post-Emergence Grass Herbicide and treat to wet vegetation, while not allowing runoff of spray solution For uses requiring crop oil concentrate, include crop oil concentrate at 1% (1 3 fluid ounces per gallon) by volume For uses requiring non-ionic surfactant, include non-ionic surfactant at ¼% (0 33 fluid ounce per gallon) by volume
NOTE If Intensity One Post-Emergence Grass Herbicide is applied as a spot treatment care should be taken to not exceed the maximum rate allowed on a "per acre" basis or crop injury may occur

CHEMIGATION - ONION (Dry Bulbs and Green) AND GARLIC
SPRINKLER IRRIGATION APPLICATION
***Do not apply Intensity One Post-Emergence Grass Herbicide by chemigation in the states of Idaho, Montana, Oregon and Washington**
Apply Intensity One Post-Emergence Grass Herbicide at the high rate recommendation for annual grasses (32 0 fluid ounces per acre) when the grass height is at the high end of the range (application to larger grasses may not provide adequate control) Add a crop oil concentrate containing at least 15% emulsifier at 1 0 quart per acre of non-ionic surfactant with at least 80% active ingredient at 0 25% v/v of total spray solution

Apply Intensity One Post-Emergence Grass Herbicide in 0 1 to 0 2 acre inch of water either at the end of a regular irrigation set or as a separate application not associated with a regular irrigation using the least amount of water that provides proper distribution and coverage Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness Use a metering device to inject the Intensity One Post-Emergence Grass Herbicide into the irrigation water at a constant flow Constant agitation must be maintained in the chemical supply tank during the entire period of herbicide application Inject the product with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing Allow time for all lines to flush the herbicide through all nozzles before turning off irrigation water To ensure the lines are flushed and free of remaining herbicide, a dye indicator may be injected into the lines to mark the end of the application period

It is not recommended that Intensity One Post-Emergence Grass Herbicide be applied through an irrigation system connected to a public water system Public water system means a system for the provision to the public piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year

Use Precautions
1 Apply this product only through irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move Do not apply this product through any other type of irrigation system
2 Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water
3 If you have any questions about calibration, you should contact your State Extension Service Specialists, equipment manufacturers or other experts
4 Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place
5 A person knowledgeable of chemigation system and responsible for its operation or under supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise
6 The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow
7 The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump

8 The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down
9 The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops
10 The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected
11 Systems must use a metering pump, such as a positive displacement injection pump (e g diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock
12 Do not apply when wind speed favors drift beyond the area intended for treatment

RESTRICTIONS AND LIMITATIONS

GENERAL

- Do not apply if rain is expected within 1 hour of application, as control may be unsatisfactory
- Do not plant rotational crops until 30 days after application of Intensity One Post-Emergence Grass Herbicide unless crop is listed on Intensity One Post-Emergence Grass Herbicide label
- Do not apply a postemergence broadleaf herbicide within one day following application of Intensity One Post-Emergence Grass Herbicide or reduced grass control may result
- Intensity One Post-Emergence Grass Herbicide is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided
- Do not apply under conditions of stress Applying Intensity One Post-Emergence Grass Herbicide under conditions that do not promote active grass growth will reduce herbicide effectiveness These conditions include drought, excessive water, extremes in temperature, low humidity and grasses either partially controlled or stunted from prior pesticide applications Grasses under these kinds of stressful conditions will not absorb and translocate Intensity One Post-Emergence Grass Herbicide effectively, and will be less susceptible to herbicide activity

APPLICATION ON LONG ISLAND, NEW YORK IS RESTRICTED TO NO MORE THAN 32 FLUID OUNCES OF INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE (0 25 POUND PER ACTIVE INGREDIENT) PER ACRE, PER SEASON

Optimal perennial grass control can be obtained if rhizomes or stolons are cut up by preplant tillage practices (discing, plowing, etc) to stimulate maximum emergence of grass shoots Cultural practices, such as continuous no-tillage in which the perennial grass rhizomes or stolons are not cut up, results in a very staggered, non-uniform weed emergence Due to this non-uniform weed emergence, no fewer than two Intensity One Post-Emergence Grass Herbicide applications per season per year are recommended at the appropriate weed growth stage rate under continuous no-till conditions

Grass crops such as corn, rice, sorghum, small grains or turf etc are highly sensitive to Intensity One Post-Emergence Grass Herbicide

While all the vegetable crops on this label have been tested and are tolerant to Intensity One Post-Emergence Grass Herbicide not all specialty varieties of these crops have been tested It is advised that, before applying Intensity One Post-Emergence Grass Herbicide to specialty varieties of vegetable crops on this label, crop tolerance be investigated first using a small section of the field It is possible that injury symptoms can occur Symptoms may appear as leaf speckling or stunting

Always read and follow the restriction and limitations for all products whether used alone or in a tank mix The most restrictive labeling of any product used applies in tank mixtures, including all crop rotational and other crop restrictions

Tank mixes of Intensity One Post-Emergence Grass Herbicide and broadleaf herbicides may result in reduced grass control If grass regrowth occurs, an additional application of Intensity One Post-Emergence Grass Herbicide may be necessary

SPRAY DRIFT MANAGEMENT

- Do not allow spray from ground or aerial equipment to drift onto adjacent land or crops When drift may be a problem, do everything possible to reduce spray drift, including
- Do not apply when conditions are favorable for drift (high temperatures, drought and low relative humidity), especially when sensitive plants are located nearby
- Do not spray if wind speed is 10 mph or greater If sensitive crops or plants are downwind, extreme caution must be used under all conditions
- Do not spray if winds are gusty
- Do not apply when a temperature inversion exists If inversion conditions are suspected, consult with local weather services before making an application
- Do not allow Intensity One Post-Emergence Grass Herbicide to come in contact with desirable grass crops such as corn, rice sorghum, small grains, or turf, as these and other grass crops will be injured or killed

Further reductions in drift can be obtained by

1 Use large drop droplet size sprays Do not use nozzles that produce small droplets Orient nozzles downward and slightly backward as needed to reduce drift for ground applications
2 Orienting nozzles straight back with the windstream using straight stream orifices for aerial applications Use the lowest number of nozzles practical with the largest possible orifice size to obtain the minimum 3 GPA volume Application height and boom length should be set according to manufacturer's instructions to minimize drift
3 Increasing the volume of spray mixture (for example a minimum of 10 0 GPA for ground applications) by using higher flow rate nozzles Using lower pressure with the appropriate nozzle to obtain higher volumes will also reduce drift
4 Applying as close to target plants as practical while maintaining a good spray pattern for adequate coverage

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

RESISTANCE MANAGEMENT

Intensity One Post-Emergence Grass Herbicide is a Group 1 herbicide Any weed population may contain or develop plants naturally resistant to Intensity One Post-Emergence Grass Herbicide and other Group 1 herbicides Weed species with acquired resistance to Group 1 may eventually dominate the weed population if Group 1 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species This may result in partial or total loss of control of those species by Intensity One Post-Emergence Grass Herbicide or other Group 1 herbicides Repeated use of Intensity One Post-Emergence Grass Herbicide (or similar post-emergence grass herbicide with the same mode of action) may lead to the selection of naturally occurring biotypes that are resistant to these products in some grass species

If poor performance occurs and cannot be attributed to adverse weather or application conditions, a resistant biotype may be present This is most likely to occur in field where other control strategies such as crop rotations, mechanical removal and other classes of herbicides are not used from year to year

To delay herbicide resistance consider

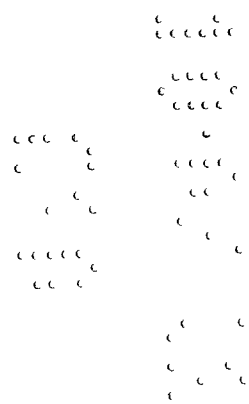
- Avoiding Intensity One Post-Emergence Grass Herbicide or other target site of action Group 1 herbicides that have similar target site of action, on the same weed species
- Using tank mixtures or premixes with herbicides from different target site of action groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank mix or prepack rate on the weed(s) of concern

12/50

- Basing herbicide use on a comprehensive IPM program
- Monitoring treated weed populations for loss of field efficacy
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes

Table 1 CROP SPECIFIC USE DIRECTIONS, RESTRICTIONS AND LIMITATIONS FOR INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Alfalfa, Seedling	15 days before grazing feeding or harvesting (cutting) for forage or hay	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v See tank mix label for specific adjuvant recommendations	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Alfalfa Established Sainfoin Holy Clover Birdsfoot trefoil	15 days before grazing feeding or harvesting (cutting) for forage or hay	12 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v See tank mix label for specific adjuvant recommendations	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Asparagus	1 day	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application For repeat applications make on a minimum of a 14 day interval Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season
Beans, Dry Including Bean (*Lupinus* spp) (includes grain lupin sweet lupin white lupin and white sweet lupin) (*Phaseolus* spp) (includes field bean kidney bean lima bean (dry) navy bean pinto bean tepary bean (*Vigna* spp) Bean (includes adzuki bean blackeyed pea catjang cowpea Crowder pea moth bean mung bean rice bean southern pea urd bean) broad bean (dry) chickpea guar lablab bean, lentil	30 days	9 0 to 32 0 fl ozs [5]	NIS at 0 25% v/v	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of 14 day interval Refer to appropriate Table for reduced rate recommendations of the control of small annual grasses



INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont'd

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Bean, Succulent Shelled including (*Phaseolus* spp) (includes runner bean snap bean wax bean) Bean (*Vigna* spp) (includes asparagus bean Chinese longbean moth bean yardlong bean) Jackbean Pea (*Pisum* spp) (includes dwarf pea edible pod pea snow pea sugar snap pea) pigeon pea soybean (immature seed) sword bean	21 days	9 0 to 16 0 fl ozs [5]	NIS at 0 25% v/v	None	Refer to appropriate Table for reduced rate recommendations for the control of small annual grasses on the container label Do not apply more than one (1) application/A/season
Beet Garden	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Brassica Vegetables, Head and Stem [6] including Broccoli Cabbage Cauliflower Brussels Sprouts	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of 14 day interval
Carrot	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Canola Not for use in California	70 days	9 0 to 12 0 fl ozs	NIS at 0 25% v/v	None	Do not apply after crop has begun bolting Crop injury may occur when Intensity One Post Emergence Grass Herbicide is applied during the bloom period Do not apply more than 12 0 fl ozs/A in a single application Do not apply more than 12 0 fl ozs/A (0 09 lb AI/A)/season

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont d

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Clover	15 days before grazing feeding or harvesting (cutting) for forage or hay	9 0 to 32 0 fl ozs	NIS at 0 25% v/v	2 5 to 4 0 lbs/A	For use on clover grown in the states of Idaho Oregon and Washington only Do not exceed 32 0 fl ozs (0 25 lb AI/A)/season For repeat applications make on minimum of a 14 day interval
Corn, Field [7]	90 days	6 0 fl ozs	NIS at 0 25% v/v plus AMS Do not use COC or MSO in this use pattern	2 5 to 4 0 lbs/A	Do not make more than 1 application/ season To control existing stand replant no sooner than 6 days after application
Cotton	60 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v See tank mix label for specific adjuvant recommendations	2 5 to 4 0 lbs/A	Do not graze treated fields or feed treated forage or hay to livestock Do not apply more than 32 0 fl ozs/A in a single application Do not apply more than 64 0 fl oz/A (0 5 lb AI/A)/season For repeat applications make on a minimum of 14 day interval
Cranberry	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season Do not apply between the hook stage and full fruit set For repeat applications make on a minimum of a 14 day interval
Cucurbits including Cantaloupes (all) Cucumber Gherkin Honeydew Melon Muskmelons (all) Pumpkin Squash (all) Watermelon,	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Fallow Land Conifer Trees (and other non producing agricultural areas) **Non Crop or Non Planted Areas**	N/A	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v	2 5 to 4 0 lbs/A	Do not plant any crop for 30 days after application unless clethodim is registered for use in that crop Do not apply more than 32 0 fl ozs/A per application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season
Flax Not for use in California	60 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Apply prior to bloom Crop injury may occur when Intensity One Post Emergence Grass Herbicide is applied during the bloom period Do not apply more than 16 0 fl ozs/A per application Do not exceed 32 0 fl ozs (0 25 lb AI/A)/season For repeat applications make on a minimum of 14 day interval

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont'd

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Fruiting Vegetable (Except tomato) including Eggplant Groundcherry Pepino Peppers (all), Tomatillo	20 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Herbs angelica balm basil borage burnet camomile catnip chervil (dried) chive Chinese chive clary coriander (leaf) costmary cilantro (leaf) curry (leaf) dill (dillweed) horehound hyssop lavender lovage (leaf) marigold marjoram (*Origanum* spp) nasturtium parsley (dried) pennyroyal rosemary rue sage savory (summer and winter) sweet bay tansy tarragon thyme wintergreen woodruff wormwood	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Intensity One Post Emergence Grass Herbicide has not been tested on all herbs and herb varieties It is the responsibility of the user to test Intensity One Post Emergence Grass Herbicide on a small portion of the crop to be treated before treating the entire field Crop tolerance to Intensity One Post Emergence Grass Herbicide should be verified on a small area of the herb crop at the desired Intensity One Post Emergence Grass Herbicide rate and with the same crop oil concentrate that will be used on the herb field If no crop response is evident seven (7) days after treatment Intensity One Post Emergence Grass Herbicide may be used on the entire field at the rate tested and with the same crop oil used in the tolerance test For repeat applications make on a minimum of a 14 day interval Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season
Hops	21 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application For repeat applications make on a minimum of a 14 day interval Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season
Leafy Brassica Greens including Broccoli raab Cabbage Chinese (bok choy) Kale Mizuna Mustard greens Mustard spinach Rape greens Turnip greens	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat application make on a minimum of a 14 day interval

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont'd

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Leaf Lettuce	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Leaf Petioles Cardoon Celery Chinese celery Celtuce Fennel Florence (finochio) Rhubarb Swiss Chard	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Leafy Greens (except Brassicas) amaranth (Chinese spinach) arugula (roquette) cardoon celery celery Chinese celtuce chervil chrysanthemum edible leaved chrysanthemum garland corn salad cress garden cress upland dandelion dock (sorrel) endive (escarole) fennel Florence lettuce head and leaf orach parsley purslane garden purslane winter radicchio (red chicory) rhubarb spinach spinach New Zealand spinach vine Swiss chard Tampala	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Mint	21 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont'd

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Mustard Seed	75 days	9 0 to 12 0 fl ozs	NIS at 0 25% v/v	None	Do not apply after crop has begun bolting Crop injury may occur when Intensity One Post Emergence Grass Herbicide is applied during the bloom period Do not apply more than 12 0 fl ozs/A/ season For repeat applications make on a minimum of a 14 day interval
Onions (Dry Bulbs Only) [8 9] **Garlic [8 9]** **Shallots (Dry Bulbs Only) [8 9]**	45 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval Minimum of 20 0 gals/A spray volume by ground in entire U S Minimum of 20 0 gals/A spray volume by air in California [8] In states other than California air applications to onions garlic or shallots should be made in a minimum of 10 0 gals/A [8]
Onions Green [8 9] including Leeks Scallions or Spring Onions Japanese Bunching Onions Green Shallots Green Eschalots	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval Minimum of 20 0 gals/A spray volume by air in California [8] In states other than California air applications to onions garlic or shallots should be made in a minimum of 10 0 gals/A [8]
Ornamentals	N/A	9 0 to 32 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval Sugar maples cannot be tapped for syrup within one year of Intensity One Post Emergence Grass Herbicide application
Non Bearing Food Crops	N/A	9 0 to 16 0 fl ozs			
Pea, Shelled (*Pisum* spp) field pea pigeon pea	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than one (1) application per season Apply before bloom but not later than 30 days prior to harvest [10] Refer to appropriate table for reduced rate recommendations for the control of small annual grasses on the container label

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont'd

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Pea, Succulent Shelled (*Pisum* spp) English pea garden pea green pea pigeon pea	21 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than one (1) application/A/season Apply before bloom but not later than 30 days prior to harvest [10] Refer to appropriate table for reduced rate recommendations for the control of small annual grasses on the container label
Peanut Including Perennial	40 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Potato	30 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of 14 day interval
Radish	15 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 32 0 fl ozs (0 25 lb AI)/A/season For repeat applications make on a minimum of 14 day interval
Root Vegetables (except Radish) [11]	30 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Safflower	70 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application For repeat applications make on a minimum of a 14 day interval Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season
Sesame	14 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply during flowering Do not apply more than 16 0 fl ozs/A in a single application For repeat applications make on a minimum of a 14 day interval Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season
Soybean [12]	60 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v See tank mix label for specific adjuvant recommendations	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval Do not graze treated fields or feed treated forage or hay to livestock Refer to appropriate table for reduced rate recommendations for the control of small annual grasses

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 1 cont'd

Crop [1]	Minimum Time from Application to Harvest (PHI)	Use Rate /A [2]	Adjuvant Recommendation [3]	Ammonium Sulfate Recommendation [4]	Special Use Instructions and Restrictions
Strawberry	4 days	9 0 to 16 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 16 0 fl ozs/A in a single application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Sugar Beet	40 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v See tank mix label for specific adjuvant recommendations	2 5 to 4 0 lbs/A	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make a minimum of 15 day interval Refer to appropriate table for reduced rate recommendations for the control of small annual grasses
Sunflower	70 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC/MSO at 1 0 qt/A or 1 0% v/v See tank mix label for specific adjuvant recommendations	2 5 to 4 0 lbs/A	Do not apply more than 32 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Sweet Potato, Yam and other tuberous and corm vegetables (except potato)[13]	30 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval
Tomato	20 days	9 0 to 32 0 fl ozs	NIS at 0 25% v/v	None	Do not apply more than 32 0 fl ozs/A/ application Do not apply more than 64 0 fl ozs/A (0 5 lb AI/A)/season For repeat applications make on a minimum of a 14 day interval

N/A = Not Applicable

1 Intensity One Post-Emergence Grass Herbicide is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided

2 See annual and perennial grass control tables for specific use rate recommendations

3 NIS (non-ionic surfactant) in this case refers to an adjuvant containing at least 80% non-ionic surfactant Crop oil concentrate in this case refers to both crop oil concentrate and crop oil concentrate blends Acceptable crop oil concentrates would be those that contain a minimum of 80% oils and 25 to 40% surfactants and emulsifiers A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria be non-phytotoxic, contain only EPA-exempt ingredients, provide good mixing quality and be successful in local experience Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils

4 Use spray grade ammonium sulfate The use of ammonium sulfate does not take the place of the required adjuvant

5 See the DIRECTIONS FOR REDUCED RATE USE TO CONTROL SMALL ANNUAL GRASSES table

6 Other head and stem brassica vegetables approved include Chinese broccoli, Brussels sprouts, Chinese (napa) cabbage, Chinese mustard, cavolo broccoli and kohlrabi

7 For burndown of existing stand of Roundup Ready field corn or volunteer Roundup Ready field corn prior to replanting field corn See RECOMMENDATIONS FOR USE IN ROUNDUP READY FIELD CORN (BURNDOWN) table

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

8 If Intensity One Post-Emergence Grass Herbicide is applied as a spot treatment to garlic, onion, shallot or non-bearing food crops care should be taken to not exceed the maximum rate allowed on a per acre basis or crop injury may occur

9 In California, do not apply Intensity One Post-Emergence Grass Herbicide to garlic, onion or shallot until crop has at least two full leaves In California, 14 day spray intervals are recommended between the application of Intensity One Post-Emergence Grass Herbicide and liquid nitrogen or other herbicide applications Injury to crop may occur when shorter intervals are observed

10 Applications of Intensity One Post-Emergence Grass Herbicide to peas during bloom period could result in severe crop injury, including loss of yield and delayed maturity

11 Other root vegetables approved for use with Intensity One Post-Emergence Grass Herbicide include burdock, edible, celeriac, chervil, turnip-rooted, parsnip, radish, oriental, rutabaga, salsify, salsify, black, salsify, Spanish, skirret and turnip

12 See Intensity One Post-Emergence Grass Herbicide tank mix with Broadleaf herbicides for the control of volunteer corn (including Roundup Ready) in soybean

13 Other tuberous and corm vegetables approved for use with Intensity One Post-Emergence Grass Herbicide include arracacha, arrowroot Chinese artichoke, Jerusalem artichoke, edible burdock, edible canna, cassava, bitter and sweet, chayote (root), chufa, dasheen (taro), ginger, leren, tanier, turmeric and bean yam

LIBERATE® should be used as the Non-Ionic Surfactant and **MSO® with Leci-Tech®** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

RECOMMENDATIONS FOR ANNUAL GRASSES (EXCEPT FOR IN ESTABLISHED ALFALFA AND MINT)

- Apply only to actively growing grasses at recommended weed heights
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height
- Do not exceed the maximum per application rate listed in Table 1 CROP SPECIFIC USE DIRECTIONS, RESTRICTIONS AND LIMITATIONS FOR Intensity One Post-Emergence Grass Herbicide

Grass Species	Scientific Name	Weed Height* (Inches)	Applicaton Rates Minimum Rate Fl Ozs/A	Maximum Rate [1] Fl Ozs/A
Barnyardgrass	*Echinochloa crus-galli*	2 to 8	9 0	16 0
Broadleaf Signalgrass	*Brachiaria platyphylla*	2 to 6	9 0	16 0
Brome				
California	*Bromus carinatus*	2 to 6	9 0	16 0
Cheat	*Bromus secalinus*	2 to 6	9 0	16 0
Downy	*Bromus tectorum*	2 to 6	9 0	16 0
Ripgut	*Bromus diandrus*	2 to 6	9 0	16 0
Canarygrass	*Phalaris canariensis*	1 to 4	9 0	16 0
Crabgrass				
Hairy	*Digitaria adscendens*	2 to 6**	9 0	16 0
Large	*Digitaria sanguinalis*	2 to 6**	9 0	16 0
Smooth	*Digitaria ischaemum*	2 to 6**	9 0	16 0
Southern	*Digitaria ciliaris*	2 to 6**	9 0	16 0
Crowfootgrass	*Dactyloctenium aegyptium*	2 to 6**	9 0	16 0
Fall Panicum	*Panicum dichotomiflorum*	2 to 8	9 0	16 0
Field Sandbur	*Cenchrus incertus*	2 to 6	9 0	15 0
Foxtail				
Giant	*Setaria faberi*	2 to 12	9 0	16 0
Green	*Setaria viridis*	2 to 8	9 0	16 0
Yellow	*Setaria glauca*	2 to 8	9 0	16 0
Goosegrass	*Eleusine indica*	2 to 6**	9 0	6 0
Itchgrass	*Rottboellia cochinchinensis*	2 to 6	9 0	16 0
Junglerice	*Echinochloa colona*	2 to 6	9 0	16 0

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table cont'd

Grass Species	Scientific Name	Weed Height* (Inches)	Application Rates Minimum Rate Fl Ozs/A	Maximum Rate [1] Fl Ozs/A
Lovegrass (Stinkgrass)	*Eragrostis cilianensis*	2 to 6	9 0	16 0
Rabbitsfootgrass	*Polypogon monspeliensis*	1 to 4	9 0	16 0
Red Rice	*Oryza sativa*	1 to 3	9 0	16 0
Ryegrass				
Hardy	*Lolium remotum*	2 to 6	9 0	16 0
Italian	*Lolium multiflorum*	2 to 6	9 0	16 0
Seedling Johnsongrass	*Sorghum halepense*	4 to 10	9 0	16 0
Shattercane	*Sorghum bicolor*	6 to 18	9 0	16 0
Southwestern Cupgrass	*Eriochola gracillis*	2 to 6	9 0	16 0
Sprangletop				
Amazon	*Leptochloa panicoides*	2 to 6	9 0	16 0
Bearded	*Leptochloa fascicularis*	2 to 6	9 0	16 0
Mexican	*Leptochloa uninervia*	2 to 6	9 0	16 0
Red	*Leptochloa filiformis*	2 to 6	9 0	16 0
Texas Panicum	*Panicum texanum*	2 to 6	9 0	16 0
Volunteer Cereals [3]				
Barley	*Hordeum vulgare*	2 to 6	9 0	16 0
Oats	*Avena sativa*	2 to 6	9 0	16 0
Rye	*Secale cereale*	2 to 6	9 0	16 0
Wheat [2]	*Triticum aestivum*	2 to 6	9 0 [2]	16 0
Volunteer Corn [2 3]	*Zea mays*	Up to 12	6 0	12 0
Volunteer Corn [3]	*Zea mays*	Up to 24	9 0	14 0
Volunteer Corn [2 3]	*Zea mays*	Up to 36	12 0	16 0
Volunteer Grain Sorghum	*Sorghum bicolor*	8 to 12	9 0	16 0
Wild Oats	*Avena fatua*	2 to 6	9 0	16 0
Wild Proso Millet	*Panicum miliaceum*	2 to 10	9 0	16 0
Witchgrass	*Panicum capillare*	2 to 8	9 0	16 0
Woolly Cupgrass	*Eriochloa villosa*	2 to 8	9 0	16 0

*Generally occurs between 3-leaf stage and tillering
**Length of lateral growth

1 Rates higher than 16 0 fl ozs/A may be applied in certain geographic areas, cropping situations or environmental conditions, where experience has shown that higher rates are needed for satisfactory control of annual grasses In these situations, rates from 16 0 to 32 0 fl ozs/A may be applied Do not apply more than 16 0 fl ozs/A of Intensity One Post-Emergence Grass Herbicide per application to the following crops garden beets, broccoli, cabbage, carrot, cauliflower (and other head and stem brassica vegetables), celery, cranberry, cucurbits, flax, fruiting vegetables (except tomato), green onion, leaf lettuce, radish (and other root vegetables), rhubarb (and other leaf petioles), strawberry and non-bearing food crops Do not apply more than 12 0 fl ozs/A of Intensity One Post-Emergence Grass Herbicide per application to canola or mustard seed

2 When a cereal grain crop (such as wheat) is interseeded for crop establishment or is planted as wind breaks to aid crop establishment, the minimum Intensity One Post-Emergence Grass Herbicide use rate for control is 12 0 fl ozs/A

3 Includes Roundup Ready, LibertyLink® and IMI-CORN® volunteer corn, however, not sethoxydim-resistant volunteer corn

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

RECOMMENDATIONS FOR ANNUAL & PERENNIAL GRASS CONTROL IN ESTABLISHED ALFALFA AND MINT WITH INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE

		Application Rates	
Grass Species	**Weed Species and Size**	**Min Rate Fl Ozs/A**	**Max Rate Fl Ozs/A**
Annual & Perennial Grasses Listed in Grass Table	See Table	12 0	32 0

Mowing The best control of annual grasses can be achieved by applying Intensity One Post-Emergence Grass Herbicide before grass weeds are mowed Once a grass is mowed it becomes tougher to control, as much of the available leaf surface has been removed In areas without a killing frost, some annuals can over-winter after having been mowed multiple times These grasses form large crowns and may require repeated applications of Intensity One Post-Emergence Grass Herbicide for partial or complete control

Irrigated Alfalfa and Mint Irrigation practices can be very critical to the successful use of Intensity One Post-Emergence Grass Herbicide in established alfalfa and mint and may be necessary to initiate active growth of the weeds prior to application Generally applications 2 to 4 days after an irrigation are most effective Irrigation made shortly after application (2 days) can be effective, but more consistent grass control occurs when the irrigation is made before the application

Aerial Application Apply Intensity One Post-Emergence Grass Herbicide in a minimum of 10 0 GPA in established alfalfa and mint when applying by air

Annual Grass Control Apply Intensity One Post-Emergence Grass Herbicide at the grass sizes indicated in the Recommendations for Annual Grasses table and rates indicated If a grass has been cut, apply Intensity One Post-Emergence Grass Herbicide after active growth has resumed and regrowth has reached the minimum height and before it reaches the maximum height indicated Apply before the alfalfa/mint canopy covers the grasses and interferes with the spray coverage Some annual grasses are spring and summer-germinating plants, while others are fall-germinating plants, and the time they are actively growing and most susceptible to Intensity One Post-Emergence Grass Herbicide may vary from region to region Also some annuals germinate over an extended period of time, and because control of small grasses is desired, applications after each weed flush may be required As a general rule spray spring and summer germinating grasses as early in the season as possible, after initial green-up Spray fall-germinating weeds in the fall soon after they begin growing but before any damage is done due to frost Late fall applications may be less effective due to environmental conditions, such as frost, slower plant growth, or the onset of flowering

Perennial Grass Control Intensity One Post-Emergence Grass Herbicide effectively controls perennial grasses such as bermudagrass, Johnsongrass, quackgrass, wirestem muhly, tall fescue, foxtail barley and orchardgrass Due in part to lack of tillage, perennial grasses are more difficult to control in a perennial crop such as established alfalfa or mint A program of repeated applications is usually necessary for best results The best way to control perennial grasses is to do so in the year of stand establishment before rhizomes and stolons become large and difficult to kill

Use the high rate under heavy grass pressure and/or when grasses are at or near maximum height

RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL WITH INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE

Grass Species	**Weed Stage**	**Rate Fl Ozs/A**	**High Rate Fl Ozs/A**
Annual Bluegrass (*Poa annua*)	up to 4 leaf	12 0*	32 0

Apply under favorable soil moisture and humidity which exists within a few days after rainfall or within 7 days after irrigation Grass needs to be actively growing at time of application(s)
Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature
See Table 1 for specific adjuvant recommendations
*Use a minimum of 17 0 fl ozs/A to control annual bluegrass in seedling and established alfalfa and mint
LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

DIRECTIONS FOR REDUCED RATE USE IN DRY BEAN, CANOLA, FLAX, MUSTARD SEED, SOYBEAN AND SUGAR BEET RECOMMENDATIONS FOR SMALL ANNUAL GRASSES (REDUCED RATE RECOMMENDATIONS NOT FOR USE IN CALIFORNIA)

- Apply only to actively growing grasses at recommended weed heights
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment
- Regrowth by tillering may occur if application is made when plants are stressed by lack of moisture, excessive moisture, low or high temperatures and/or under very low humidity

Grass Species	Scientific Name	Weed Height (Inches)	Rate Fl Ozs/A [1]
Barnyardgrass	*Echinochloa crus galli*	1 to 4	6 0
Broadleaf Signalgrass	*Brachiaria platyphylla*	1 to 4	8 0
Crabgrass			
Large	*Digitaria sanguinalis*	1 to 3*	6 0
Large	*Digitaria sanguinalis*	1 to 4*	8 0
Smooth	*Digitaria ischaemum*	1 to 3*	6 0
Smooth	*Digitaria ischaemum*	1 to 4*	8 0
Southern	*Digitaria ciliaris*	1 to 4*	8 0
Fall panicum	*Panicum dichotomiflorum*	1 to 4	6 0
Foxtail			
Giant	*Setaria faberi*	1 to 4	6 0
Green	*Setaria viridis*	1 to 4	6 0
Millet	*Setaria italica*	1 to 4	8 0
Yellow	*Setaria glauca*	1 to 4	6 0
Seedling Johnsongrass	*Sorghum halepense*	1 to 6	8 0
Shattercane	*Sorghum bicolor*	4 to 10	6 0
Texas Panicum	*Panicum texanum*	1 to 4	8 0
Volunteer Cereals			
Barley	*Hordeum vulgare*	1 to 4	8 0
Oats	*Avena sativa*	1 to 4	8 0
Wheat	*Triticum asetivum*	1 to 4	8 0
Volunteer Corn**	*Zea mays*	4 to 12	6 0
Wild Proso Millet	*Panicum milaceum*	1 to 6	6 0
Wild Oats	*Avena fatua*	1 to 4	8 0

*Length of lateral growth
** Not S R Corn
1 Always add a non-ionic surfactant at 0 25% v/v total spray volume unless crop specific restrictions and limitations advise otherwise
LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

RECOMMENDATIONS FOR PERENNIAL GRASSES

- Apply only to actively growing grasses at recommended weed heights
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Grass Species	Weed Height (Inches)	Application Rate Min Rate Fl Ozs/A	Application Rate Max Rate Fl Ozs/A
Bermudagrass (*Cynodon dactylon*)			
First Application	3 (or up to 6 runners)	12 0	32 0
Repeat Application(s) (if regrowth occurs)	3 (or up to 6 runners)	12 0	32 0
Fescue Tall (*Festuca arundicnacea*)			
First Application	4 to 8	12 0	32 0
Repeat Application(s) (if regrowth occurs)	4 to 8	12 0	32 0
Foxtail Barley (*Hordeum jubatum*)			
First Application	2 to 6	12 0	32 0
Repeat Application(s) (if regrowth occurs)	2 to 6	12 0	32 0
Orchardgrass (*Dactylis glomerata*)			
First Application	4 to 8	12 0	32 0
Repeat Application(s) (if regrowth occurs)	4 to 8	12 0	32 0
Quackgrass* (*Elytrigia repens*)			
First Application	4 to 12	12 0	32 0
Repeat Application(s) (if regrowth occurs)	4 to 12	12 0	32 0
Rhizome Johnsongrass (*Sorghum halepense*)			
First Application	12 to 24	12 0	32 0
Repeat Application(s) (if regrowth occurs)	6 to 18	9 0	24 0
Wirestem Muhly (*Muhlenbergia frondosa*)			
First Application	4 to 8	12 0	32 0
Repeat Application(s) (if regrowth occurs)	4 to 8	12 0	32 0
Perennial Bluegrass* Roughstalk (*Poa trivialis*) Kentucky (*Poa prantensis*)			
First Application	2 to 4	12 0	32 0
Repeat Application(s) (if regrowth occurs)	2 to 4	12 0	32 0
Bentgrass* (*Agrostis* spp)			
First Application	2 to 4	—	32 0
Repeat Application(s) (if regrowth occurs)	2 to 4	—	32 0

RECOMMENDATIONS FOR USE IN ROUNDUP READY FIELD CORN (BURNDOWN)

Grass Species	Weed Height (Inches)	Application Rate Rate When Applied Alone Or With Glyphosate Fl Ozs/A
Field Corn	Up to 12	6

For control of existing stand of Roundup Ready field corn or volunteer Roundup Ready field corn prior to replanting field corn
Care must be taken to avoid in field boom (spray) overlaps or excessive crop injury may occur
Replant no sooner than 6 days after application
Adjuvant recommendations NIS at 0 25% v/v plus AMS at 2 5 to 4 lbs/A
Do not use a COC or MSO with this use pattern

TANK MIXES
GENERAL INFORMATION

The labels for each of the herbicides recommended for tank mixing with Intensity One Post-Emergence Grass Herbicide are unique to the characteristics of those products and contain restrictions and limitations that may be more restrictive than the Intensity One Post-Emergence Grass Herbicide label in certain considerations

25/50

Those concerns may include, but are not limited to
1 Geographic restrictions - all products are not registered for use in all areas and rates may vary from one region of labeled use to another,
2 Crop rotation restrictions,
3 Applicator certification requirements,
4 Worker safety rules (e g protective clothing, reentry time, posting),
5 Soil type or soil characteristics (e g pH, OM),
6 Maximum dosage or number of applications per season,
7 Rain free period required, or
8 Application timing (e g pre-harvest interval)
9 Do not exceed the total season rates

THE MOST RESTRICTIVE LABELING OF ANY PRODUCT USED IN A TANK MIX MUST BE FOLLOWED

TANK MIX APPLICATION OF INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE AND BROADLEAF HERBICIDES FOR CONTROL OF GRASSES AND BROADLEAF WEEDS

- Apply only to actively growing grass and broadleaf weeds at recommended height or growth stage listed on each label
- Apply when the first grass or broadleaf weed species in a mixed population reaches the recommended height or growth stage for treatment
- Apply under favorable soil moisture and humidity that exist a few days after rainfall or within seven days after irrigation
- Apply when the first grass or broadleaf weed species in a mixed population reaches the recommended height for growth stage for treatment
- Apply under favorable soil moisture and humidity that exist a few days after rainfall or within 7 days after irrigation
- Always add the appropriate adjuvant to the spray mix at the rate recommended for each specific tank mix combination
- Tank mix applications may sometimes result in reduced grass control and possible increases in crop injury as compared to either product used alone If regrowth occurs, or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide, as specified in the respective size and rate tables
- Do not tank mix Intensity One Post-Emergence Grass Herbicide when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage

MIXING INSTRUCTIONS

1 Fill clean spray tank 1/2 to 2/3 of desired level with clean water
2 While agitating, add the correct amount of Intensity One Post-Emergence Grass Herbicide Agitation should create a rippling or rolling action on the water surface
3 If tank mixing Intensity One Post-Emergence Grass Herbicide with other labeled herbicides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions Prepare no more spray mixture than is required for the immediate spray operation
4 Add any required adjuvants (crop oil concentrate, non-ionic surfactant and/or nitrogen solution)
5 Fill spray tank to desired level with water **Agitation should continue until all spray solution has been applied**

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

Failure to agitate the spray solution may result in improper mixing of the herbicides and unsatisfactory weed control Mixing and compatibility qualities should be verified by a jar test

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

INFORMATION ON ANTAGONISM

Tank mixes of Intensity One Post-Emergence Grass Herbicide with postemergence broadleaf herbicides have shown some reduction or failure to control certain grass species which would have otherwise been controlled when Intensity One Post-Emergence Grass Herbicide is applied alone Activity of the postemergence broadleaf herbicide in the tank mix is not affected

ALFALFA

Table 2 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR ALFALFA (Refer to the recommendation tables above for specific grasses and growth stages)

Product [1]	Application Rates/A [2]		Spray Additives			
			Ground Application		Air Application	
	Annual Grasses	Perennial Grasses	Adjuvant Recommendation	AMS	Adjuvant Recommendation	AMS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + 2 4 DB [3]	12 0 to 32 0 fl ozs + Refer to 2,4 DB label	16 0 to 32 0 fl ozs + Refer to 2,4 DB label	NIS at 0 25 % v/v	2 5 lbs/A	NIS at 0 25 % v/v	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PURSUIT® DG [4] or PURSUIT [4]	12 0 to 32 0 fl ozs + 1 08 to 2 16 ozs or 3 0 to 6 0 fl ozs	—	NIS at 0 25 % v/v	2 5 lbs/A	NIS at 0 25 % v/v	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + BUCTRIL® 2L [5] or BUCTRIL GEL [5 6]	12 0 to 32 0 fl ozs + 1 0 to 1 5 pts or 0 5 to 0 75 pt	—	NIS at 0 25 % v/v	2 5 lbs/A	NIS at 0 25 % v/v	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + RAPTOR®	12 0 to 32 0 fl ozs + 4 0 to 6 0 fl ozs	—	NIS at 0 25% v/v	2 5 lbs/A	NIS at 0 25% v/v	17 0 lbs/100 gals of spray solution

1 Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage Tank mixing is not recommended in these situations

2 If grass regrowth occurs or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide alone (without a tank mix herbicide), according to the appropriate size and rate recommendations

3 Intensity One Post-Emergence Grass Herbicide plus 2,4-DB may increase the severity of crop injury when tank mixed Alfalfa plants will generally outgrow this temporary crop injury within a few weeks

4 Before using this tank mix, read and understand the Pursuit OR Pursuit DG labels for geographical restrictions and restrictions regarding alfalfa growth stage and type Failure to do so can result in crop injury to alfalfa Do not feed, graze, or harvest alfalfa for 30 days following an application of Pursuit to alfalfa

5 In the states of Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, and the western halves of North Dakota, South Dakota, Nebraska and Kansas The Intensity One Post-Emergence Grass Herbicide plus Buctril or Buctril GEL tank mix must be applied in the fall or spring to seedling alfalfa when the

majority of the field has a minimum of 2 trifoliates Unacceptable crop injury may occur to alfalfa seedlings less than the 2 trifoliate leaf stage Intensity One Post-Emergence Grass Herbicide plus Buctril or Buctril GEL applications made when temperatures are expected to exceed 80 °F at and 3 days following application can result in unacceptable crop injury In the states not listed above, apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliate leaves When alfalfa stand is uneven and conditions favor leafburn, unacceptable crop injury may occur to alfalfa in the 2 trifoliate or smaller stage of growth Intensity One Post-Emergence Grass Herbicide plus Buctril or Buctril GEL applications made when temperatures are expected to exceed 70 °F at and 3 days following application can result in unacceptable crop injury Crop leaf burn can occur following Intensity One Post-Emergence Grass Herbicide plus Buctril or Buctril GEL application Warm, humid conditions may enhance leaf burn New crop growth will not be affected

6 Do not apply when alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carryover or application

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

CANOLA

Table 3 REDUCED RATE INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR CANOLA (Refer to the recommendation tables above for specific grasses and growth stages)

Product	Application Rates/A Annual Grasses [1]	Adjuvant Recommendations	Ammonium Sulfate Ground	Air
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE [2]	8 0 to 10 0 fl ozs	NIS at 0 25% v/v	3 0 lbs/A	3 0 lbs/A
+	+			
LIBERTY® [3]	28 0 to 34 0 fl ozs			
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE [2]	8 0 to 10 0 fl ozs	NIS at 0 25% v/v	3 0 lbs/A	3 0 lbs/A
+	+			
STINGER® [4]	0 33 pt/A			

1 Annual grasses and sizes controlled with these tank mixtures are those that are identified in the DIRECTIONS FOR REDUCED RATE USE IN DRY BEAN, CANOLA, FLAX, MUSTARD SEED, SOYBEAN, AND SUGAR BEET RECOMMENDATIONS FOR SMALL ANNUAL GRASSES table

2 Do not apply Intensity One Post-Emergence Grass Herbicide tank mix during or after bolting or flowering or crop injury will occur

3 For use only on LibertyLink canola

4 See Stinger label for weeds controlled

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

COTTON

Table 4 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXED WITH COBRA® AND MSMA APPLIED POST DIRECTED TO COTTON

Product [1]	Application Rates/A [2] Annual Grasses	Perennial Grasses	Crop Oil Concentrate [3] V/V Ground	Comments
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE [4]	12 0 to 16 0 fl ozs	16 0 to 32 0 fl ozs	1 0%	Reduced broadcast rate in proportion to the band area actually treated
+ COBRA®	See Cobra label for rates to control broadleaf weeds and height limitations for cotton			
+ MSMA (4 0 lbs/gal) or MSMA (6 6 lbs/gal)	Refer to the Intensity One Post Emergence Grass Herbicide label for weed height and species controlled			
	See MSMA label for rates to control broadleaf weeds and height limitations for cotton			
	Refer to the Intensity One Post Emergence Grass Herbicide label for weed height and species controlled			

1 Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage Tank mixing is not recommended in these situations

2 If grass regrowth occurs or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide alone (without a tank mix herbicide), according to the appropriate size and rate recommendations

3 Always use a crop oil concentrate at the listed rate (but not less than 1 0 pt/A) in the finished spray volume

4 If at the time of application, grass height is so tall that post-directed applications cannot get good coverage over the top of the grassy weeds, then poor control may result and a second (non-post directed) application of Intensity One Post-Emergence Grass Herbicide may be necessary

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

Table 5 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXED WITH GLYPHOSATE TO CONTROL EMERGED GRASSES IN COTTON AS A BROADCAST APPLICATION

Product	Application Rate/A [1] Annual Grasses	Perennial Grasses	Adjuvant Glyphosate formulation with built in adjuvant	Glyphosate formulation without built in adjuvant	COMMENTS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + GLYPHOSATE	9 0 to 16 0 fl ozs	12 0 to 32 0 fl ozs	Ammonium sulfate at 8 5 to 17 0 lbs/100 gals of carrier plus glyphosate label adjuvant recommendation	Ammonium sulfate at 8 5 to 17 0 lbs/100 gals of carrier plus NIS at 0 25% v/v	See charts for grasses controlled Use a minimum of 10 0 gals of spray solution/A

1 If grass regrowth occurs or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide at the recommended rate with the appropriate amount of crop oil

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

DRY SHELLED AND SUCCULENT BEANS

Table 6 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR DRY SHELLED AND SUCCULENT BEANS (Refer to the recommendation tables above for specific grasses and growth stages)

	Application Rates/A [2]		Adjuvant	
Product [1]	Annual Grasses	Perennial Grasses	Ground	Air
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	COC at 1 0% v/v	COC at 1 0% v/v
+	+	+	+	+
BASAGRAN®	1 0 to 2 0 pts	1 0 to 2 0 pts	AMS at 2 5 lbs/A	AMS at 17 0 lbs/100 gals
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs		NIS at 0 25% v/v	NIS at 0 25% v/v
+	+	—	+	+
RAPTOR	4 0 fl ozs		AMS at 2 5 lbs/A	AMS at 17 0 lbs/100 gals

1 Broadleaf weed control may be reduced when grass populations are tall enough or dense enough to intercept the spray pattern and prevent them from receiving complete coverage Tank mixing is not recommended in these situations

2 If grass regrowth occurs or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide alone (without a tank mix herbicide), according to the appropriate size and rate recommendations

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

FLAX

Table 7 REDUCED RATE INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR FLAX (Refer to the recommendation tables above for specific grasses and growth stages)

	Application Rates/A [2]	Adjuvant	
Product [1]	Annual Grasses	Ground	Air
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	6 0 to 9 0 fl ozs	AMS at 2 4 to 4 0 lbs/A	AMS at 2 5 to 4 0 lbs/A
+	+	+	
BROMAC® ADVANCED [2 3]	11 4 fl ozs	NIS at 1 25% v/v	
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	6 0 to 9 0 fl ozs	AMS at 2 4 to 4 0 lbs/A	AMS at 2 5 to 4 0 lbs/A
+	+	+	
BRONATE® [2 3]	0 9 pt	NIS at 1 25% v/v	
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	6 0 to 9 0 fl ozs	AMS at 2 4 to 4 0 lbs/A	AMS at 2 5 to 4 0 lbs/A
+	+	+	
BUCTRIL [2 3]	0 125 lb AI/A	NIS at 1 25% v/v	
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	8 0 to 10 0 fl ozs	AMS at 2 4 to 4 0 lbs/A	AMS at 2 5 to 4 0 lbs/A
+	+	+	
MCPA [2 3]	0 25 to 0 5 pt	NIS at 1 25% v/v	

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 7 cont'd

Product [1]	Application Rates/A [2] Annual Grasses	Adjuvant Ground	Air
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	6 0 to 9 0 fl ozs	AMS at 2 4 to 4 0 lbs/A	AMS at 2 5 to 4 0 lbs/A
+	+	+	
CURTAIL® M [2 3]	1 33 to 1 75 pts/A	NIS at 1 25% v/v	

1 Annual grasses and sizes controlled with these tank mixtures are those that are identified in the DIRECTIONS FOR REDUCED RATE USE IN DRY BEAN, CANOLA, FLAX, MUSTARD SEED, SOYBEAN, AND SUGAR BEET RECOMMENDATIONS FOR SMALL ANNUAL GRASSES table

2 Do not apply Intensity One Post-Emergence Grass Herbicide tank mix during or after the bud stage or to ornamental flax or crop injury may occur

3 Do not apply tank mixes if temperatures are expected to exceed 85 °F at (or 3 days following) application or crop injury may occur

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

PEANUT

Table 8 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR PEANUT (Refer to the recommendation tables above for specific grasses and growth stages)

Product [1]	Application Rates/A [2] Annual Grasses	Adjuvant Ground	Air
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 16 0 fl ozs	COC at 1 0% v/v	COC at 1 0% v/v
+	+	+	+
BASAGRAN	1 0 to 2 0 pts	AMS at 2 5 lbs/A	AMS at 17 0 lbs/100 gals
INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE	9 0 to 16 0 fl ozs	COC at 1 0% v/v	COC at 1 0% v/v
+	+	+	+
BLAZER®	0 5 to 1 5 pts	AMS at 2 5 lbs/A	AMS at 17 0 lbs/100 gals
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 to 16 fl ozs	COC at 1 0% v/v	COC at 1 0% v/v
+	+	+	+
STORM®	1 5 pts	AMS at 2 5 lbs/A	AMS at 17 0 lbs/100 gals

1 Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage Tank mixing is not recommended in these situations

2 If grass regrowth occurs or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide alone (without a tank mix herbicide), according to the appropriate size and rate recommendations

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

RECOMMENDATIONS FOR GRASS SUPPRESSION FOR HARVEST EFFICIENCY IN PEANUT WITH INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE

Grass Species	Weed Stage	Application Rates Min Rate FL OZS/A	Max Rate FL OZS/A
Annual and perennial grasses that exceed height claimed for control on height charts **"RECOMMENDATIONS FOR ANNUAL GRASSES"** and **"RECOMMENDATIONS FOR PERENNIAL GRASSES"**	Up to and including grasses in the seed head stage	32 0	64 0

- Do not apply as part of a tank mix when applying Intensity One Post-Emergence Grass Herbicide for grass suppression
- Add a crop oil concentrate at 1 0 qt/A by ground to the finished spray volume

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

SOYBEAN

Table 9 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIX WITH BROADLEAF HERBICIDES FOR THE CONTROL OF VOLUNTEER CORN (INCLUDING ROUNDUP READY) IN SOYBEAN
(Refer to recommendation tables above for specific volunteer corn sizes and use rates)

Product	Weed Size and Application Rates: Volunteer Corn Height (Inches)	Intensity One Post Emergence Grass Herbicide Rates/A	Spray Additives: Ground Application	Air Application
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + GLYPHOSATE [1] [2] [3] 1 0 to 3 0 lbs AI/A (Roundup Ready soybeans only)	Up to 12	6 0 fl ozs	**NIS Adjuvant Loaded** **Glyphosate** None required **Adjuvant Unloaded** **Glyphosate** NIS at 0 25 % v/v	**NIS Adjuvant Loaded** **Glyphosate** None required **Adjuvant Unloaded** **Glyphosate** NIS at 0 25 % v/v
	Up to 24	9 0 fl ozs		
	Up to 36	12 0 fl ozs	**AMS** 8 5 to 17 0 lbs/100 gals spray solution	**AMS** 8 5 to 17 0 lbs/100 gals spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + FIRSTRATE® 0 3 oz/A	Up to 12	6 0 fl ozs	**NIS** at 0 25% v/v	**NIS** at 0 25% v/v
	Up to 24	9 0 fl ozs		
	Up to 36	12 0 fl ozs	**AMS** at 2 5 lbs/A	**AMS** 17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PURSUIT 70 DG 1 44 oz/A	Up to 12	6 0 fl ozs	**NIS** at 0 25% v/v	**NIS** at 0 25% v/v
	Up to 24	9 0 fl ozs		
	Up to 36	12 0 fl ozs	**AMS** at 2 5 lbs/A	**AMS** 17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + RAPTOR 4 0 to 5 0 fl ozs/A	Up to 12	6 0 fl ozs	**NIS** at 0 25% v/v	**NIS** at 0 25% v/v
	Up to 24	9 0 fl ozs		
	Up to 36	12 0 fl ozs	**AMS** at 2 5 lbs/A	**AMS** 17 0 lbs/100 gals of spray solution

1 This tank mix may be applied postemergence to RoundUp Ready soybeans up through the full flowering stage Do not apply less than 60 days before harvest

2 Avoid contact with foliage, green stems or fruit crops or any desirable plants and trees, other than soybeans with the Roundup Ready gene as severe plant injury or death will result

3 Do not allow the Intensity One Post-Emergence Grass Herbicide plus glyphosate to mist, drip, drift or splash onto desirable vegetation as minute quantities of the tank mix can cause severe damage or destruction of the crops, plants or other areas on which treatement was not intended The likelihood of injury occurring from drift of this product is greatest when winds are gusty or in excess of 5 miles per hour Even under lesser wind velocities, avoid conditions that allow spray drift to occur, such as combinations of spray pressure and nozzle types that will result in fine particles (mist) that are likely to drift

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

Table 10 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to recommendation tables above for specific grasses and growth stages)

	Application Rates/A [2]	Spray Additive Recommendations			
		Ground Application		Air Application	
Product [1]	Annual Grasses [3]	COC/NIS [4]	AMS	COC/NIS [4]	AMS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA	9 0 to 20 0 fl ozs + 6 0 to 12 0 fl ozs	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + FIRSTRATE [5]	9 0 to 20 0 fl ozs + 0 3 oz	NIS at 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v or COC at 1% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + FLEXSTAR® HL [5]	9 0 to 20 0 fl ozs + Refer to the FLEXSTAR HL label for specific application rates	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + FRONTROW™ [5]	9 0 to 20 0 fl ozs + Refer to FRONTROW label for use rates	NIS at 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX™	9 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs	NIS at 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% plus COC at 0 25% v/v or COC at 1% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PURSUIT 70 DG [5]	12 0 to 20 0 fl ozs + 1 44 oz	NIS at 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + RAPTOR (1 AS) [5]	12 0 to 20 0 fl ozs + 4 0 to 5 0 fl ozs	NIS at 0 25 v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + RESOURCE®	9 0 to 20 0 fl ozs + 4 0 to 12 0 fl ozs	NIS at 0 25% v/v plus COC at 2 5% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	—	—

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 10 cont'd

Product [1]	Application Rates/A [2] Annual Grasses [3]	Spray Additive Recommendations Ground Application COC/NIS [4]	AMS	Air Application COC/NIS [4]	AMS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + FIRSTRATE [5]	9 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 0 3 oz	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + PURSUIT 70 DG [5]	16 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 1 44 ozs	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + RAPTOR (1 AS) [5]	12 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 4 0 to 5 0 fl ozs	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + RESOURCE	9 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 4 0 to 6 0 fl ozs	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	—	—
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + FIRSTRATE + FLEXSTAR HL [5]	9 0 to 20 0 fl ozs + 0 3 oz + Refer to the FLEXSTAR HL label for specific application rates	NIS at 0 25% v/v plus COC at 0 25% or Equivalent blended product or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + HARMONY® [5] + HARMONY XP [5]	9 0 to 12 0 fl ozs + 0 042 to 0 083 oz + 0 042 to 0 083 oz	NIS at 0 125 to 0 25% v/v	2 5 lbs/A	—	—
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + FIRSTRATE [5]	9 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 0 3 oz	NIS at 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 10 cont'd

Product [1]	Application Rates/A [2] Annual Grasses [3]	Spray Additive Recommendations Ground Application COC/NIS [4]	Ground Application AMS	Air Application COC/NIS [4]	Air Application AMS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + PURSUIT 70 DG [5]	16 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 1 44 ozs	NIS at 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + RAPTOR (1 AS) [5]	12 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 4 0 to 5 0 fl ozs	NIS at 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + RESOURCE	9 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 4 0 to 6 0 fl ozs	NIS at 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + RESOURCE + PURSUIT 70 DG [5]	16 0 to 20 0 fl ozs + 4 0 fl ozs + 1 44 ozs	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	—	—
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + SYNCHRONY® STS® [5] or SYNCHRONY XP (mp)™ [5]	12 0 to 20 0 fl ozs + 0 25 oz or 0 375 oz	NIS at 02 5% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + SYNCHRONY® STS [5] or SYNCHRONY XP (mp) [5] (STS Soybeans only)	12 0 to 20 0 fl ozs + 0 5 oz + 0 75 oz	NIS at 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + HARMONY or HARMONY XP [5]	9 0 to 12 0 fl ozs + 6 0 to 8 0 fl ozs + 0 042 oz or 0 042 oz	NIS at 0 125 to 0 25% v/v plus COC at 0 125% v/v	2 5 lbs/A	—	—

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 10 cont'd

Product [1]	Applicaiton Rates/A [2]	Spray Additive Recommendations			
		Ground Application		Air Application	
	Annual Grasses [3]	COC/NIS [4]	AMS	COC/NIS [4]	AMS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + RESOURCE + FIRSTRATE [5]	9 0 to 12 0 fl ozs + 6 0 to 12 5 fl ozs + 4 0 to 6 0 fl ozs + 0 3 oz	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	—	—
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + SYNCHRONY STS® [5] or SYNCHRONY XP (mp) [5]	12 0 to 20 0 fl ozs + 6 0 to 12 0 fl ozs + 0 25 oz or 0 375 oz	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + COBRA + SYNCHRONY STS [5] or SYNCHRONY XP (mp)™ [5] (STS Soybeans only)	12 0 to 20 0 fl ozs + 6 0 to 12 0 fl ozs + 0 5 oz or 0 75 oz	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0 to 2 0 pts/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + RESOURCE + FIRSTRATE [5]	9 0 to 20 0 fl ozs + 6 0 to 12 5 fl ozs + 4 0 to 6 0 fl ozs + 0 3 oz	NIS at 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	—	—
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + SYNCHRONY STS [5] or SYNCHRONY XP (mp) [5]	12 0 to 20 0 fl ozs + 6 0 to 12 0 fl ozs + 0 25 oz or 0 375 oz	NIS at 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution

Table 10 cont'd

Product [1]	Application Rates/A [2]	Spray Additive Recommendations			
		Ground Application		Air Application	
	Annual Grasses [3]	COC/NIS [4]	AMS	COC/NIS [4]	AMS
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE + PHOENIX + SYNCHRONY STS [5] or SYNCHRONY XP (mp) [5] (STS Soybeans only)	12 0 to 20 0 fl ozs + 6 0 to 12 0 fl ozs + 0 5 oz or 0 75 oz	NIS a 0 25% v/v plus COC at 0 125 to 0 25% v/v or COC at 1 0 pt/A	2 5 lbs/A	NIS at 0 25% v/v plus COC at 0 25% v/v or COC at 1 0% v/v (but not less than 1 0 pt/A)	17 0 lbs/100 gals of spray solution

1 Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage Tank mixing is not recommended in these situations

2 If grass regrowth occurs or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide alone (without a tank mix herbicide), according to the appropriate size and rate recommendations

3 Annual grasses and sizes controlled with these tank mixtures are those that are identified in the RECOMMENDATIONS FOR ANNUAL GRASSES table

4 Contact local Loveland Products, Inc representative for proper adjuvant selection

5 Refer to FIRSTRATE, FLEXSTAR HL, FRONTROW, HARMONY, HARMONY GT, Pursuit DG, RAPTOR, SYNCHRONY STS and SYNCHRONY XP (mp) labels for geographic and rotational restrictions

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

SUGAR BEET

Table 11 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE TANK MIXED WITH BROADLEAF SUGAR BEET HERBICIDES

Products	Application Rates/A	Adjuvant Information
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE +	9 0 to 12 0 fl ozs	
BETAMIX®	See label for rate information	None required
or		
BETANEX®	See label for rate information	None required
or		
PROGRESS®	See label for rate information	None required
and/or		
STINGER	See label for rate information	See below
and/or		
UPBEET®	See label for rate information	See below

NIS at 0 25% unless BETAMIX, BETANEX or PROGRESS is in the tank, then use no adjuvant

37/50

Table 12 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE PLUS BETANEX OR BETAMIX TANK MIX FOR THREE SEQUENTIAL APPLICATIONS FOR ANNUAL GRASS CONTROL (MICRO RATE APPLICATION)

Product	Application Rates/A [1] Annual Grasses	Grasses Controlled (Inches)	Methylated Seed Oil [2] Ground	Air
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	3 0 to 6 0 fl ozs	Green Foxtail (1 to 2) Yellow Foxtail (1 to 2) Barnyardgrass (1 to 2) Wild Oat (1 to 2) Volunteer Cereals (1 to 2)	1 5% v/v	1 5% v/v
+	+			
BETANEX	Refer to label			
or				
BETAMIX	Refer to label			
or				
PROGRESS	Refer to label			
or				
STINGER	Refer to label			
or				
UPBEET	Refer to label			

1 Broadleaf weed control may be reduced when grass populations are tall enough or dense enough to intercept the spray pattern and prevent them from receiving complete coverage Tank mixing is not recommended in these situations

2 Always use a methylated seed oil at the listed rate (but not less than 1 0 pt/A) in the finished spray volume **LIBERATE** should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

Directions for Use for Micro-Rate Applications to Sugar Beet

Multiple micro-rate applications of Intensity One Post-Emergence Grass Herbicide in tank mixtures with reduced rates of BETANEX or BETAMIX and methylated seed oils may be applied by air or ground equipment to sugar beet to control early germinating annual grasses listed above All use precautions and restrictions on the BETANEX and BETAMIX master labels must be followed

Table 13 TANK MIX APPLICATION OF INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE AND FUNGICIDES FOR CONTROL OF GRASSWEEDS AND DISEASES IN SUGAR BEET

Product [1]	Application Rates/A [2] Annual Grasses	Perennial Grasses	Adjuvant
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v
+		+	+
EMINENT®	Refer to label	Refer to label	
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v
+		+	+
HEADLINE®	Refer to label	Refer to label	
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v
+		+	+
GEM™		Refer to label	Refer to label

1 Refer to Intensity One Post-Emergence Grass Herbicide and fungicide label for rates and weeds and diseases controlled

2 If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide alone (without a tank mix fungicide) according to the appropriate size and rate recommendations

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

Table 14 TANK MIX APPLICATION ON INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN ALFALFA, COTTON, PEANUT, SOYBEAN AND SUNFLOWER

Product [1]	Application Rates/A [2] Annual Grasses	Perennial Grasses	Adjuvant Recommendation	Crops: Alfalfa [3]	Cotton	Mint [3 4]	Peanut	Soybean	Sunflower
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v		X	X	X		
+	+	+							
ORTHENE® 75 S or ORTHENE 97	0 33 to 1 33 lbs or 0 25 to 1 0 lb	0 33 to 1 33 lbs or 0 25 to 1 0 lb	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v		X	X	X	X	
+	+	+	+						
ORTHENE 90 S	0 25 to 1 lb	0 25 to 1 lb	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v		X		X		
+	+	+	+						
DANITOL® 2 4 EC	10 2/3 to 16 fl ozs	10 2/3 to 16 fl ozs	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v						X
+	+	+	+						
ASANA® XL	Refer to ASANA XL label	Refer to ASANA XL label	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v						X
+	+	+	+						
WARRIOR®	Refer to WARRIOR label	Refer to WARRIOR label	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	AMS at 2 5 lbs/A	12 0 to 24 0 fl ozs	NIS at 0 25% v/v	X					
+	+	+	+						
BAYTHROID®	Refer to BAYTHROID label	Refer to BAYTHROID label	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v	X					
+	+	+	+						
DIMETHOATE	Refer to DIMETHOATE label	Refer to DIMETHOATE label	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v	X					
+	+	+	+						
WARHAWK®	Refer to WARHAWK label	Refer to WARHAWK label	AMS at 2 5 lbs/A						
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	9 0 to 12 0 fl ozs	12 0 to 24 0 fl ozs	NIS at 0 25% v/v	X					
+	+	+	+						
PERMETHRIN	Refer to PERMETHRIN label	Refer to PERMETHRIN label	AMS at 2 5 lbs/A						

39/50

Table 14 cont'd

1 Refer to Intensity One Post-Emergence Grass Herbicide and insecticide label for rates and weeds and insects controlled

2 If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of Intensity One Post-Emergence Grass Herbicide brand herbicide alone (without a tank mix insecticide) according to the appropriate size and rate recommendations

3 Certain insecticides may cause temporary phytotoxic symptoms on alfalfa and mint foliage Refer to the insecticide label for further information It is suggested that prior to using any of these insecticide/herbicide tank mixtures, that a small area of the field be treated first and observations for crop injury be made prior to treating the whole field

4 The Intensity One Post-Emergence Grass Herbicide rate should be 9 0 to 12 0 fl ozs/A for annual grass control in baby mint, minimum of 12 0 fl ozs/A for annual grass control in established mint and 16 0 to 32 0 fl ozs/A for perennial grass control

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

FALLOW LAND

DIRECTIONS FOR USE

Intensity One Post-Emergence Grass Herbicide may be used to control annual and perennial grasses in land that has been left fallow the previous year and other non-producing agricultural areas Apply Intensity One Post-Emergence Grass Herbicide at 12 0 to 16 0 fluid ounces per acre for annual grasses and 16 0 to 32 0 fluid ounces per acre for perennial grasses When both grass and broadleaf weeds are the target pest, Intensity One Post-Emergence Grass Herbicide may be tank mixed with 2,4-D Ester or BANVEL® SGF for broad spectrum control When both annual and perennial grasses occur in the same field, use a minimum of 16 0 fluid ounces per acre Intensity One Post-Emergence Grass Herbicide rate

GENERAL INFORMATION

- Use a minimum spray volume of 5 0 GPA for aerial applications and 15 0 GPA for ground applications Apply only to actively growing grasses when the first grass reaches the recommended weed height as specified by the Recommendations for Annual and Perennial Grasses section of this label
- Annual grasses that emerge after the Intensity One Post-Emergence Grass Herbicide application will not be controlled and a second application may be necessary
- The control of perennial grasses may require more than 1 application in non-tilled areas
- Do not plant any crop for 30 days after application unless clethodim is registered for use in that crop
- Do not apply to grasses that have tillered, formed seedheads or exceeded recommended growth stage
- Do not use flood jet nozzles
- Do not apply to drought stressed grasses
- Do not mow area for 2 weeks prior to or after the Intensity One Post-Emergence Grass Herbicide application

Table 15 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE IN TANK MIXES TO CONTROL ANNUAL AND PERENNIAL GRASSES IN FALLOW LAND

	Application Rates/A [1]		Adjuvant Recommendation	
Product	**Annual Grasses**	**Perennial Grasses**	**Ground**	**Air**
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	12 0 to 16 0 fl ozs	16 0 to 32 0 fl ozs	NIS at 0 25% v/v or COC at 1 0%	NIS at 0 25% v/v or COC at 1 0%
+	+	+	+	+
2 4 D Ester or BANVEL SGF	0 5 lb/A or See BANVEL SGF label for rates	0 5 lb/A or See BANVEL SGF label for rates	AMS at 2 5 lbs/A	AMS at 17 0 lbs/100 gals

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Table 15 cont'd

[1] Refer to Intensity One Post-Emergence Grass Herbicide label for weed height and species control Review BANVEL SGF and 2,4-D labels for crop restrictions, use rates and weeds controlled

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

RECOMMENDATIONS FOR GRASS SUPPRESSION IN NON-CROP AREAS WITH INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE

		Application Rates	
Grass Species	**Weed Stage**	**Min Rate Fl Ozs/A**	**Max Rate Fl Ozs/A**
Annual and perennial grasses that exceed height claimed for control on height chart above	Up to and including grasses in the seed head stage	24 0	32 0

Do not apply as part of a tank mix when applying Intensity One Post-Emergence Grass Herbicide for grass suppression

Add a crop oil concentrate at 1 0 qt/A by ground to the finished spray volume

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

Table 16 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE FOR THE CONTROL AND/OR SUPPRESSION OF TALL FESCUE IN NATIVE PRAIRIE WARM-SEASON GRASS RESTORATION PROJECTS

		Grass Weeds Controlled/Suppressed		
Product	**Product Rate**	**Common Name**	**Scientific Name**	**Weed Stage**
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	12 0 to 16 0 fl ozs/A	Tall Fescue	*Festuca arundinacea*	4 to 6 inches tall (40 to 60% green up)

Adjuvant Intensity One Post-Emergence Grass Herbicide must be applied with non-ionic surfactant at 0 25% v/v, plus a spray grade ammonium sulfate at 2 5 to 4 0 lbs/A

Recommended Mixing Order Thoroughly mix spray grade ammonium sulfate in water, add Intensity One Post-Emergence Grass Herbicide, then add non-ionic surfactant

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

SPECIAL APPLICATION INSTRUCTIONS/PRECAUTIONS

Burn or mow fields a minimum of 3 weeks prior to application to remove excess crop residue Apply in the spring, at 40 to 60% tall fescue green-up, prior to emergence of warm-season grasses Do not mow area for 2 weeks after the Intensity One Post-Emergence Grass Herbicide application

Apply in a minimum of 15 0 to 20 0 gallons of water per acre at a spray pressure of 40 to 60 PSI at the nozzle Apply using flat fan or hollow cone nozzles Do not use flood jet nozzles

Apply only to fields that have warm-season grasses established for 2 years Applications of Intensity One Post-Emergence Grass Herbicide to emerged warm-season grasses may cause injury Do not apply to warm-season grasses grown for seed

Do not graze treated fields or feed treated forage and or hay to livestock Do not plant any crop for 30 days after application, unless clethodim is registered for use in that crop

NOTE Intensity One Post-Emergence Grass Herbicide applications are most effective if applied when average nighttime temperatures are consistently greater than or equal to 47 degrees Fahrenheit

41/50

Table 17 INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE FOR THE SUPPRESSION OF TALL FESCUE SEED-HEADS IN NON-PRODUCING AGRICULTURAL AREAS

Product	Product Rate	Suppression	Application Timing
INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	3 0 to 4 0 fl ozs/A	Tall Fescue Seed Heads (*Festuca arundinacea*)	(50 to 90% Tall Fescue green up) or 3 weeks prior to dormancy in the fall

ADJUVANT Intensity One Post-Emergence Grass Herbicide must be applied with crop oil concentrate at 1 0 qt/A, plus a spray grade ammonium sulfate at 2 5 to 4 0 lbs/A Recommended Mixing Order Thoroughly mix spray grade ammonium sulfate in water, add Intensity One Post-Emergence Grass Herbicide, then add crop oil concentrate

Note Use crop oil concentrate at 2 0 pts/A with fall applications

LIBERATE should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

SPECIAL APPLICATION INSTRUCTIONS/PRECAUTIONS

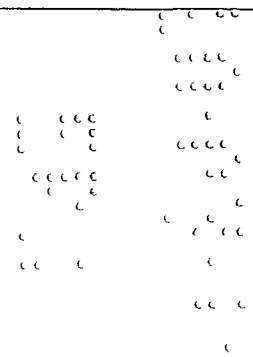
- Apply at 50 to 90% tall fescue green-up
- Use the higher Intensity One Post-Emergence Grass Herbicide rate if less tall fescue green matter is present
- Do not mow area for two weeks after the Intensity One Post-Emergence Grass Herbicide application
- Apply in a minimum of 15 0 to 20 0 gallons of water per acre at a spray pressure of 40 to 60 psi at the nozzle Apply using flat fan or hollow cone nozzles Do not use flood nozzles
- 2,4-D ester, TORDON® 22K, GRAZON® P+D OR CROSSBOW® may be added to this tank mix for broadleaf control (see 2,4-D ester label for weeds controlled)
- Do not graze treated fields or feed treated forage and or hay to livestock Do not plant any crop for 30 days after application, unless clethodim is registered for use in that crop

DIRECTION FOR USE IN ORNAMENTALS

For ornamental plant uses, Intensity One Post-Emergence Grass Herbicide can be used to control labeled grass weeds in greenhouses, lathhouses, shadehouses, and around outdoor ornamentals, including nurseries, parks, roadside plantings, and structure landscapes

IMPORTANT

Intensity One Post-Emergence Grass Herbicide successfully controls weeds in newly transplanted and established non-grassy ornamentals Plant tolerance to Intensity One at labeled rates has been found to be acceptable for the indicated genera and species listed below Due to variability within species, crop growth stage, environmental conditions, and application techniques, it is recommended that the user determine if herbicide can be used safely on a few plants prior to widespread application Neither the seller nor the manufacturer of Intensity One have investigated the safety factor to ornamental plants not listed on the label



INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

The following plants have shown a tolerance for Intensity One Post-Emergence Grass Herbicide applications

ORNAMENTAL TREES

COMMON NAME	SCIENTIFIC NAME
ALDER, RED	*Alnus rubra*
ASH	*Fraxinus* spp
BASSWOOD	*Tilia* spp
BIRCH, EUROPEAN WHITE	*Betula pendula*
BIRCH, RIVER	*Betula nigra*
BIRCH, WHITE	*Betula papyrifera*
CRABAPPLE, FLOWERING	*Malus halliana*
DOGWOOD, FLOWERING	*Cornus florida*
GOLDON CHAIN TREE	*Labumum anagyroides*
MAPLES	*Acer* spp
MULBERRY, WHITE	*Morus alba*
OAKS	*Quercus* spp
OLIVE,WILD	*Elaeagnus angustifolia*
REDBUD, EASTERN	*Cercis canadensis*
SWEETGUM, AMERICAN	*Liquidambar styraciflua*

GROUND COVERS

COMMON NAME	SCIENTIFIC NAME
BUGLEWEED, CARPET	*Ajuga reptans*
IVY, ENGLISH	*Hedera helix*
JAPANESE SPURGE	*Pachysandra terminalis*
LILYTURF	*Liriope muscari*
MONEYWORT	*Lysimachia nummularia*
MONDO GRASS, WHITE	*Ophiopogon jaburan*
MONDO GRASS, DWARF	*Ophiopogon japonicus*
PERIWINKLE, LESSER	*Vinca minor*

GARDEN FLOWERS AND PLANTS

COMMON NAME	SCIENTIFIC NAME
AGERATUM	*Ageratum* spp
ALYSSUM*, SWEET	*Lobularia maritima*
ASPARAGUS FERN	*Asparagus setaceus*
BLEEDING HEART	*Dicentra spectabilis*
CAST IRON PLANT	*Aspidistra elatior*
CHRYSANTHEMUM	*Chrysanthemum* spp
CINQUEFOIL	*Potentilla* spp
COLEUS	*Coleus* spp
CORALBELLS	*Heuchera sanguinea*
CRANESBILL	*Geranium* spp
DAHLIA	*Dahlia* spp
DAISY, TRAILING AFRICAN	*Osteospermum fruticosum*
DAYLILY	*Hemerocallis* spp
DUSTY MILLER	*Senecio cineraria*
EUONYMUS	*Euonymus* spp
GAZANIA	*Gazania* spp
GERANIUM, HOUSE	*Pelargonium hortorum*
HEATHER, FALSE	*Cuphea hyssopifolia*
HOSTA	*Hosta fortunei*

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

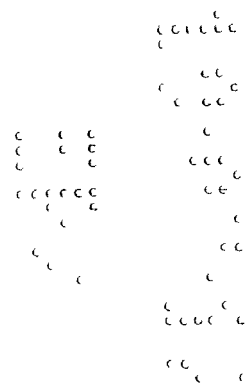
Garden Flowers and Plants cont'd

COMMON NAME	SCIENTIFIC NAME
IRIS	*Iris* spp
JASMINE TOBACCO	*Nicotiana alata*
LOOSESTRIFE	*Lythrum salicaria*
MARIGOLD	*Tagetes* spp
PARTRIDGEBERRY	*Mitchella repens*
PETUNIA*	*Petunia hybrida*
PHLOX	*Phlox* spp
PINKS	*Dianthus* spp
PORTULACA	*Portulaca grandiflora*
SALVIA	*Salvia* spp
SAXIFRAGE	*Saxifraga* spp
SEDUM	*Sedum* spp
SELLOUM	*Philodendron selloum*
SNAPDRAGON*	*Antirrhinum majus*
SWEET FLAG	*Lacorus gramineus*
TICKSEED	*Coreopsis grandiflora*
TOUCH-ME-NOT	*Impatiens* spp
VERBENA	*Verbena* spp
VIOLET	*Viola* spp
YARROW, COMMON	*Achillea millefolium*
ZINNIA	*Zinnia elegans*

*Slight foliage or flower speckling has been observed on these species

SHRUBS

COMMON NAME	SCIENTIFIC NAME
ABELIA	*Abelia* spp
ANISE, PURPLE	*Illicium floridanum*
AUCUBA	*Aucuba* spp
AZALEA*	*Rhododendron* spp
BAMBOO	*Bambusa* spp
BARBERRY, JAPANESE	*Berberis thunbergii*
BARBERRY, MAGELLAN	*Berberis buxifolia*
BAYBERRY	*Myrica pensylvanica*
BOTTLEBRUSH	*Callistemon citrinus*
BOXWOOD, COMMON	*Buxus sempervirens*
CAMELLIA, COMMON	*Camellia japonica*
CANDYTUFT	*Iberis sempervirens*
CLEYERA	*Cleyera japonica*
CORALBERRY	*Ardisia crenata*
CRAPE MYRTLE	*Lagerstroemia indica*
COYOTE BRUSH	*Baccharis pilularis*
FIG, CREEPING	*Ficus pumila*
GARDENIA	*Gardenia* spp
HOLLY	*Ilex* spp
HONEYSUCKLE	*Lonicera* spp
INDIAN HAWTHORN	*Raphiolepis indica*
JASMINE	*Jasminum* spp
JASMINE, ASIATIC	*Trachelospermum asiaticum*
JASMINE, STAR	*Trachelospermum jasminoides*
JUNIPER	*Juniperus* spp



INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Shrubs cont'd

COMMON NAME	SCIENTIFIC NAME
LANTANA	*Lantana* spp
NANDINA* BAMBOO, HEAVENLY	*Nandinia domestica*
OLEANDER, COMMON	*Nerium oleander*
OREGON GRAPE	*Mahonia aquifolium*
PHOTINIA	*Photinia* spp
PITTOSPORUM	*Pittosporum* spp
PODOCARPUS	*Podocarpus* spp
PRIVET	*Ligustrum* spp
PYRACANTHA	*Pyracantha* spp
RHODODENDRON	*Rhododendron* spp
ROSE	*Rosa* spp
SPIREA	*Spiraea bumalda*
SWEET OLIVE	*Osmanthus fragrans*
VIBURNUM	*Viburnum tinus*
WISTERIA	*Wisteria* spp
YELLOW SAGE/SHRUB VERBENA	*Lantana camara*

* Slight foliage or flower speckling has been observed on these species

RECOMMENDATIONS FOR ANNUAL GRASSES IN ORNAMENTALS

- Apply only to actively growing grasses at recommended weed heights
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height

Grass Species	Scientific Name	Weed* Height (Inches)	Rate Fl Ozs/A [1]	High Rate Fl Ozs/A [2]
Barnyardgrass	*Echinochloa crus galli*	2 to 8	12.0	32.0
Broadleaf Signalgrass	*Brachiaria platyphylla*	2 to 6	12.0	32.0
Brome				
California	*Bromus carinatus*	2 to 6	12.0	32.0
Cheat	*Bromus secalinus*	2 to 6	12.0	32.0
Downy	*Bromus tectorum*	2 to 6	12.0	32.0
Ripgut	*Bromus diandrus*	2 to 6	12.0	32.0
Canarygrass	*Phalaris canariensis*	1 to 4	12.0	32.0
Crabgrass	*Digitaria adscendens*	2 to 6**	12.0	32.0
Hairy (Large)	*Digitaria sanguinalis*	2 to 6**	12.0	32.0
Smooth	*Digitaria ischaemum*	2 to 6**	12.0	32.0
Southern	*Digitaria ciliaris*	2 to 6**	12.0	32.0
Crowfootgrass	*Dactyloctenium aegyptium*	2 to 6**	12.0	32.0
Fall Panicum	*Panicum dichotomiflorum*	2 to 8	12.0	32.0
Field Sandbur	*Cenchrus incertus*	2 to 6	12.0	32.0
Foxtail				
Giant	*Setaria faberi*	2 to 12	12.0	32.0
Green	*Setaria viridis*	2 to 8	12.0	32.0
Yellow	*Setaria glauca*	2 to 8	12.0	32.0
Goosegrass	*Eleusine indica*	2 to 6**	12.0	32.0
Itchgrass	*Rottboellia cochin*	2 to 6	12.0	32.0
Junglerice	*Echinochloa colona*	2 to 6	12.0	32.0
Lovegrass (Stinkgrass)	*Eragrostis cilianensis*	2 to 6	12.0	32.0
Rabbitsfootgrass	*Polypogon monspeliensis*	1 to 4	12.0	32.0
Red Rice	*Oryza sativa*	1 to 3	12.0	32.0
Rygrass				
Hardy	*Lolium remotum*	2 to 6	12.0	32.0
Italian	*Lolium multiflorum*	2 to 6	12.0	32.0
Seedling Johnsongrass	*Sorghum halepense*	4 to 10	12.0	32.0

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

Grass Species	Scientific Name	Weed* Height (Inches)	Rate Fl Ozs/A [1]	High Rate Fl Ozs/A [2]
Shattercane	*Sorghum bicolor*	6 to 18	12 0	32 0
Southwestern Cupgrass	*Eriochloa gracilis*	2 to 6	12 0	32 0
Sprangletop				
Amazon	*Leptochloa panicoides*	2 to 6	12 0	32 0
Bearded	*Leptochloa fascicularis*	2 to 6	12 0	32 0
Mexican	*Leptochloa uninervia*	2 to 6	12 0	32 0
Red	*Leptochloa filiformis*	2 to 6	12 0	32 0
Texas Panicum	*Panicum texanum*	2 to 6	12 0	32 0
Volunteer Cereals				
Barley	*Hordeum vulgare*	2 to 6	12 0	32 0
Oats	*Avena sativa*	2 to 6	12 0	32 0
Rye	*Secale cereale*	2 to 6	12 0	32 0
Wheat	*Triticum aestivum*	2 to 6	12 0	32 0
Volunteer Corn	*Zea mays*	4 to 12	12 0	32 0
Volunteer Corn	*Zea mays*	12 to 24	12 0	32 0
Volunteer Grain Sorghum	*Sorghum bicolor*	8 to 12	12 0	32 0
Wild Oats	*Avena fatua*	2 to 6	12 0	32 0
Wild Proso Millet	*Panicum miliaceum*	2 to 10	12 0	32 0
Witchgrass	*Panicum capillare*	2 to 8	12 0	32 0
Woolly Cupgrass	*Eriochloa villosa*	2 to 8	12 0	32 0

* Generally occurs between 3-leaf stage and tillering
** Length of lateral growth
[1] 16 0 fl ozs/A = approximately 0 4 fl oz/1000 sq ft
[2] 32 0 fl ozs/A = approximately 0 8 fl oz/1000 sq ft
Add non-ionic surfactant containing at least 80% active ingredient at the rate of 1 0 pt/50 0 gals (0 25% v/v) **LIBERATE** should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL WITH INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE IN ORNAMENTALS

Grass Species	Weed Stage	Application Rates Min Rate Fl Ozs/A	Max Rate Fl Ozs/A
Annual Bluegrass (*Poa annua*)	to 4 leaf	12 0	32 0

Apply under favorable soil moisture and humidity that exists within a few days after rainfall or within 7 days after irrigation Grass needs to be actively growing at time of application(s)
Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass
Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature
Add non-ionic surfactant containing at least 80% active ingredient at the rate of 1 0 pt/50 0 gals (0 25% v/v) **LIBERATE** should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

RECOMMENDATIONS FOR PERENNIAL GRASSES IN ORNAMENTALS

- Apply only to actively growing grasses at recommended weed heights
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height

Grass Species	Weed Height (Inches)	Rate Fl Ozs/A [1]	High Rate Fl Ozs/A [2]
Bermudagrass (*Cynodon dactylon*)			
First Application	3 (or up to 6 runners)	12 0	32 0
Repeat Application(s) (if regrowth occurs)	3 (or up to 6 runners)	12 0	32 0
Foxtail Barley (*Hordeum jubatum*)			
First Application	2 to 6	12 0	32 0
Repeat Application(s) (if regrowth occurs)	2 to 6	12 0	32 0
Quackgrass (*Elytigia repens*)			
First Application	4 to 8	12 0	32 0
Repeat Application(s) (if regrowth occurs)	4 to 8	12 0	32 0
Rhizome Johnsongrass (*Sorghum halepense*)			
First Application	12 to 24	12 0	32 0
Repeat Application(s) (if regrowth occurs)	6 to 18	9 0	16 0
Wirestem Muhly (*Muhlenbergia frondosa*)			
First Application	4 to 8	12 0	32 0
Repeat Application(s) (if regrowth occurs)	4 to 8	12 0	32 0

[1] 16 0 fl ozs/A = approximately 0 4 fl ozs/1000 sq ft
[2] 32 0 fl ozs/A = approximately 0 8 fl ozs/1000 sq ft
Add non-ionic surfactant containing at least 80% active ingredient at the rate of 1 0 pt/50 0 gals (0 25% v/v) **LIBERATE** should be used as the Non-Ionic Surfactant and **MSO with Leci-Tech** should be used where COC/MSO tank mix adjuvants are recommended Use rate recommendations are listed throughout the Intensity One Post-Emergence Grass Herbicide label

IMPORTANT

Plant tolerance to Intensity One Post-Emergence Grass Herbicide at labeled rates has been found to be acceptable for the indicated genera and species listed below Due to variability within species, crop growth stage, environmental conditions, and application techniques, it is recommended that the user determine if the herbicide can be used safely on a few plants prior to widespread application Neither the seller nor the manufacturer of this Intensity One Post-Emergence Grass Herbicide have investigated the safety factor to plants not listed on the label

NON-BEARING FOOD CROPS

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE SHOULD NOT BE APPLIED TO NON-BEARING FRUIT OR NUT CROPS WHICH ARE GROWN FOR ROOT STOCK

Crop injury to non-bearing fruit and nut crops can occur if Intensity One Post-Emergence Grass Herbicide is improperly applied INTENSTY ONE should not be applied directly over the top of these plant types Instead spray should be directed at the base of the plant where grassy weeds are growing near the ground

Non-bearing fruit and nut crops are plants which will not bear fruit or nuts for at least one year following Intensity One Post-Emergence Grass Herbicide application

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

COMMON NAME	SCIENTIFIC NAME
Apples	*Malus* spp
Berries	*Vaccinium* spp
	Rubus spp
Cherry, Sweet	*Prunus avium*
Citrus Fruits	*Citrus* spp
Grapes	*Vitis* spp
Olives	*Olea* spp
Peach	*Prunus persica*
Pears	*Pyrus communis*
Prunes	*Prunus* spp
Stone Fruits	*Prunus* spp
Strawberries	*Fragaria* spp
Tree Nuts	
Almond	*Prunus triloba*
Filbert	*Corylus maxima*
Pecan	*Carya illinoinensis*
Pistachio	*Pistacia vera*
Walnut	*Juglans* spp

CONIFER TREES

Intensity One Post-Emergence Grass Herbicide can be used to control labeled grasses in Christmas tree farms, conifer nurseries, and conifer plantations (but not in forests)

COMMON NAME	SCIENTIFIC NAME
Arborvitae, American	*Thuja occidentalis*
Cedars	*Cedrus* spp
Cypress	*Taxodium* spp
Fir, Douglas	*Pseudotsuga menziesii*
Firs	*Abies* spp
Hemlock, Canadian/Eastern	*Tsuga canadensis*
Hemlock, Western	*Tsuga heterophylla*
Pines	*Pinus* spp
Spruces	*Picea* spp
Yew	*Taxus* spp

NON-CROP OR NON-PLANTED AREAS

The following areas are considered non-crop or non-planted areas
Rights-of-way including railroads, highways, roads, dividers, medians, pipelines, public utility lines, pumping stations, transformer stations and substations Around airports, electric utilities, commercial buildings, manufacturing plants, storage yards, rail yards, fence lines, parkways, and post-harvest croplands Also beneath greenhouse benches and around golf courses

INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE®
EPA REG NO 34704-976

STORAGE AND DISPOSAL

PROHIBITIONS
Do not contaminate water, food or feed by storage, disposal or cleaning of equipment Open dumping is prohibited
PESTICIDE STORAGE Keep pesticide in original container Do not put concentrate or dilute into food or drink containers Store in cool, dry place Do not store diluted spray
PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility
CONTAINER DISPOSAL Nonrefillable container Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate) After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container Contact your state regulatory agency to determine allowable practices in your state Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www acrecycle org
Triple rinse or pressure rinse container (or equivalent) promptly after emptying
For packages up to 5 gallons Triple rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times **Pressure rinse as follows** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds Drain for 10 seconds after the flow begins to drip
For packages greater than 5 gallons and less than 56 gallons Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container ¼ full with water Replace and tighten closures Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds Stand the container on its end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times
Pressure rinse as follows Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds Drain for 10 seconds after the flow begins to drip
For refillable containers Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank Fill the container about 10 percent full with water Agitate vigorously or recirculate water with the pump for 2 minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times
For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC or the seller is authorized to vary in any way

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THE LOVELAND RETURNABLE KEG
Description This keg is a closed-sytem, refillable container designed for easy handling and convenient dispensing of product with no container disposal
Construction The keg is made is made of all stainless steel Both the gaskets and seals are Viton and are compatible with the Loveland product
Pump System With the versatility of the keg, either a mechanical pump or an air pressure system may be used to dispense the product
Coupler A specific dry-disconnect coupler is required for dispensing product from the keg This coupler is available through local agricultural equipment suppliers
Container Capacity 15 0 gallons or 56 7 liters (by weight)

50/50

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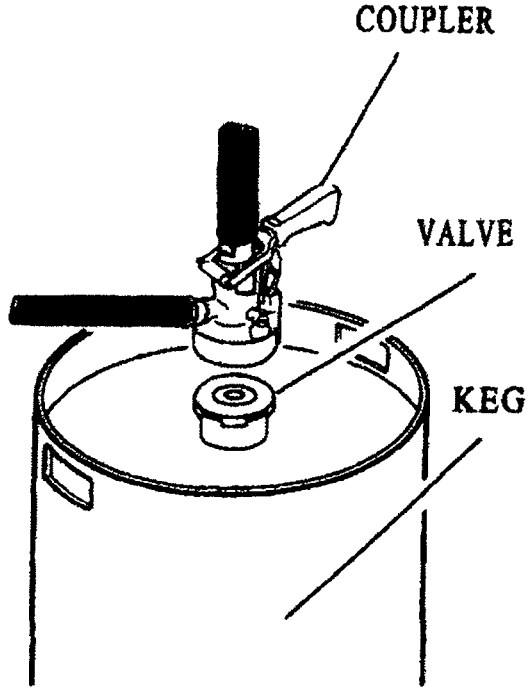
ATTENTION!
This is a closed-system container Do not try to remove the valve from the keg The coupler required for removal of product is available from local agricultural equipment suppliers The keg contains tamper evident seals that, if broken, will incur a fee for the user of the keg Both the coupler and the valve are designed for one-way operation only Never try to pump any type of material back into the keg



DIRECTIONS FOR USE
The proper coupler must be attached and engaged before removing any product from the keg Either a mechanical pump or an air pressure system may be used and connected to the 1-inch NPT thread on the top of the coupler
IMPORTANT! Attach a hose or pump to the coupler before engaging coupler This will prevent the user from being splashed in the event that pressure build-up in the keg forces liquid up through the coupler

To attach and engage the coupler
1 Pull top of black dust cover back to expose head of valve The bottom ring of the black dust cover will still be attached to the neck of the valve Save the dust cover for reuse when returning keg
2 Before engaging the coupler, securely attach a hose or pump to the threaded connection
3 Twist coupler onto valve on keg and engage coupler by pulling handle straight out to unlock and then pushing handle down into lower position to open interval valve Handle will automatically lock in place
4 Secure and engage coupler by pulling handle straight out to unlock and then pushing handle down into lower position to open internal valve Handle will automatically lock in place
5 You are now ready to begin the pumping operation

To remove coupler from container
1 Release coupler by pulling handle straight out to unlock and then lifting handle into upper position Handle will automatically lock in place
2 Lift coupler from keg As coupler clears top of valve, pull coupler sideways and lift it off the valve
3 Wipe valve off and replace dust cover
4 Flush coupler with water
5 Wipe coupler and store in a clean place
6 Properly dispose of cleaning towels and rinsate

RETURNABLE KEGS
Clean the outside of the keg with water or soap before retuning the keg to the distributor Leave all Loveland product labels and stickers securely attached All Loveland Product labels, stickers and other information must remain on the keg in order to comply with both State and Federal regulation
All Loveland kegs are tracked using the individual keg serial number stamped in the top of the keg Distributors are responsible for these kegs that have been assigned to them Return this keg to the distributor from which it was purchased Notify the distributor if the keg cannot be returned by the specific time

FORMULATED FOR
LOVELAND PRODUCTS, INC
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