OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 21, 2025

Amanda Kaufman
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NUFARM AMERICAS, INC.

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Updates
Product Name: CLASH SELECTIVE HERBICIDE
Admin Number: 228-615
EPA Receipt Date: 04/06/2021
Action Case Number: 00480137

Dear Amanda Kaufman:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Margaret Golembiewski via email at golembiewski.margaret@epa.gov.

Sincerely,

Kable Bo Davis

Kable Bo Davis, Senior Advisor
HB, RD
Office of Pesticide Programs

DICAMBA	GROUP 4	HERBICIDE

CLASH

Selective Herbicide

For weed control in asparagus, conservation reserve programs, corn, cotton, fallow croplands, general farmstead (noncropland), sorghum, grass grown for seed, hay, proso millet, pasture, rangeland, oats, barley, wheat, triticale, soybean, sugarcane, and sod turf.

Also for selective broadleaf weed and brush control on noncrop lands in the following uses: rights-of-way (including roadways, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland), utility facilities (including substations, pipelines, tankfarms, pumping stations, parking and storage areas, non-irrigated ditchbanks, and fencerows), fencerows, natural areas (including wildlife management areas, wildlife openings, wildlife habitats, recreation areas, campgrounds, trailheads and trails)and forest site preparation. Also for use on established turf grasses (including golf courses) and lawns.

ACTIVE INGREDIENT:	
Diglycolamine salt of 3,6-dichloro-o-anisic acid*	56.8%
OTHER INGREDIENTS:	43.2%
TOTAL:	100%

*Contains 38.5% 3,6-dichloro-o-anisic acid (4 pounds acid equivalent per gallon or 480 grams per liter).

KEEP OUT OF REACH OF CHILDREN

CAUTION – PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

ACCEPTED
08/21/2025
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 228-615

EPA REG. NO. 228-615
EPA EST. NO.

NET CONTENTS:

000228-000615.xxxMaster

MANUFACTURED FOR
NUFARM AMERICAS INC.
150 HARVESTER DRIVE
BURR RIDGE, IL 60527

Nufarm

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION – PRECAUCION

Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are nitrile rubber and butyl rubber. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.
All mixers, loaders, and applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Chemical-resistant gloves (except for applicators using groundboom equipment, pilots and flaggers).

Follow manufacturer's instructions for cleaning/maintaining PPE. If not such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

See engineering controls for additional requirements.

Engineering Control Statement:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE (personal protective equipment) requirements may be reduced or modified as specified in the WPS. Pilots must use cockpits in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6).

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.

FIRST AID	
IF SWALLOWED	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 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.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as directed on the label.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Ground and Surface Water Protection

Point source contamination: To prevent point source contamination, do not mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container

or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or antisiphoning devices must be used on all mixing equipment.

Movement by surface runoff or through soil: Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow. To minimize the possibility of ground water contamination, carefully follow application rate instructions as affected by soil type in the Product Information section of this label.

Movement by water erosion of treated soil: Do not apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

Endangered Species Concerns: The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Unless otherwise directed in supplemental labeling, all applicable directions, restrictions, precautions and Warranty Disclaimer and Limitation of Liability are to be followed. This labeling must be in the user's possession during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 statement of this label about personal protective equipment (PPE) and restricted-entry interval (REI). The requirements in this box only apply to users of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the 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 worn over short-sleeved shirt and short pants, chemical-resistant footwear plus socks, chemical-resistant gloves made of any waterproof material, chemical-resistant headgear for overhead exposure, and protective eyewear..

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.
Entry Restrictions for Non-WPS Uses: Do not enter or allow others to enter until the sprays have dried.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- Do not release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a medium or coarser droplet size (ASABE S572).
- If the windspeed is 10 miles per hour or less, applicators must use ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use ¾ swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed-wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters
- Do not apply during temperature inversions

Ground Boom Applications:

• User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.

• Applicators are required to select the nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572).

• Do not apply when wind speeds exceed 15 miles per hour at the application site.

• Do not apply during temperature inversions.

Boomless Ground Applications:

• Applicators are required to select the nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572) for all applications.

• Do not apply when wind speeds exceed 15 miles per hour at the application site.

• Do not apply during temperature inversions

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- Adjust Nozzles – Follow nozzle manufacturers recommendations for setting up nozzles.
- Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT- Aircraft

Higher release heights increase the potential for spray drift. When applying aerially to crops, do not release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boomless Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift.

PRODUCT INFORMATION

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

This product is a water-soluble formulation intended for control and suppression of many annual, biennial, and perennial broadleaf weeds, as well as woody brush and vines listed in **Table 1, General Weed List, Including ALS- and Triazine-Resistant Biotypes**. This product may be used for control of these weeds in asparagus, corn, cotton, conservation reserve programs, fallow cropland, grass grown for seed, hay, proso millet, pasture, rangeland, general farmstead (noncropland), small grains, sorghum, soybean, sugarcane, and turf. This product may also be used on rights-of-way (including roadways, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland), utility facilities (including substations, pipelines, tankfarms, pumping stations, parking and storage areas, non-irrigated ditchbanks, and fencerows), fencerows, natural areas (including wildlife management areas, wildlife openings, wildlife habitats, recreation areas, campgrounds, trailheads and trails) and forest site preparation.

Mode of Action: This product is readily absorbed by plants through shoot and root uptake, translocates throughout the plant's system, and accumulates in areas of active growth. This product interferes with the plant's growth hormones (auxins) resulting in death of many broadleaf weeds.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

This product has a low probability of selecting for resistant weed biotypes.

For resistance management, Clash is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Clash and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

• Rotate the use of this product or other Group 4 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
• Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance. • Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
• Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose Page 8 of 18 applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
• If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

• Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
• For further information or to report suspected resistance, contact (company representatives) at (toll-free number) or at (Internet site).

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

Cleaning Spray Equipment: Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner, according to the manufacturer's directions, and then triple rinsing the equipment before and after applying this product.

TABLE 1
GENERAL WEED LIST
(INCLUDING ALS– AND TRIAZINE-RESISTANT BIOTYPES)

Annuals

Alkanet
Amaranth, Palmer, Powell, Spiny
Aster, Slender
Bedstraw, Catchweed
Beggarweed, Florida
Broomweed, Common
Buckwheat, Tartary, Wild
Buffalobur
Burclover, California
Burcucumber
Buttercup, Corn, Creeping, Roughseed, Western Field
Carpetweed
Catchfly, Nightflowering
Chamomile, Corn
Chervil, Bur
Chickweed, Common
Clovers
Cockle, Corn, Cow, White
Cocklebur, Common
Copperleaf, Hophornbeam
Cornflower (Bachelor Button)
Croton, Tropic, Woolly
Daisy, English
Dragonhead, American
Eveningprimrose, Cutleaf
Falseflax, Smallseed
Fleabane, Annual
Flixweed
Fumitory
Goosefoot, Nettleleaf
Hempnettle
Henbit
Jacobs-Ladder
Jimsonweed
Knawel (German Moss)
Knotweed, Prostrate
Kochia
Ladysthumb
Lambsquarters, Common
Lettuce, Miners, Prickly
Mallow, Common, Venice
Marestail (Horseweed)
Mayweed Add Medic, black
Morningglory, Ivyleaf, Tall
Mustard, Black, Blue, Tansy, Treacle, Tumble, Wild, Yellowtops
Nightshade, Black, Cutleaf,
Pennycress, Field (Fanweed, Frenchweed, Stinkweed)
Pepperweed, Virginia (Peppergrass)

Annuals Cont.

Pigweed, Prostrate, Redroot (Carelessweed), Rough, Smooth, Tumble
Pineappleweed
Poorjoe
Poppy, Red-horned
Puncturevine
Purslane, Common
Pusley, Florida
Radish, Wild
Ragweed, Common, Giant (Buffaloweed), Lance-Leaf
Rocket, London, Yellow
Rubberweed, Bitter (Bitterweed)
Salsify
Senna, Coffee,
Sesbania, Hemp
Shepherdspurse
Sicklepod
Sida, Prickly (Teaweed)
Smartweed, Green, Pennsylvania
Sneezeweed, Bitter
Sowthistle, Annual, Spiny
Spanish Needles
Spikeweed, Common
Spurge, Prostrate, Leafy
Spurry, Corn
Starbur, Bristly
Starwort, Little
Sumpweed, Rough
Sunflower, Common (Wild), Volunteer
Thistle, Russian
Velvetleaf
Waterhemp
Waterprimrose, Winged
Wormwood

Biennials

Burdock, Common
Carrot, Wild (Queen Anne's Lace)
Cockle, White
Eveningprimrose, Common
Geranium, Carolina
Gromwell
Knapweed, Diffuse, Spotted
Mallow, Dwarf
Plantain, Bracted
Ragwort, Tansy
Starthistle, Yellow
Sweetclover
Teasel
Thistle, Bull, Milk, Musk, Plumeless

Perennials

Alfalfa[1]
Artichoke, Jerusalem
Aster, Spiny, Whiteheath
Bedstraw, Smooth
Bindweed, Field, Hedge
Blueweed, Texas
Bursage, Woollyleaf[1] (Bur Ragweed, Povertyweed)
Buttercup, Tall
Campion, Bladder
Chickweed, Field, Mouseear
Chicory[1]
Clover[1], Hop
Dandelion[1]
Dock[1,] Broadleaf (Bitterdock), Curly
Dogbane, Hemp
Dogfennel[1] (Cypressweed)
Fern, Bracken
Garlic, Wild
Goldenrod, Canada, Missouri
Goldenweed, Common
Hawkweed
Henbane, Black[1]
Horsenettle, Carolina
Ironweed add Ivy, Ground
Knapweed, Black, Diffuse, Russian[1], Spotted
Milkweed, Common, Climbing Honeyvine, Western Whorled
Nettle, Stinging
Nightshade, Silverleaf (White Horsenettle)
Onion, Wild
Plantain, Broadleaf, Buckhorn
Pokeweed
Ragweed, Western
Redvine
Sericea Lespedeza
Smartweed, Swamp
Snakeweed, Broom
Sorrel[1], Red (Sheep Sorrel)
Sowthistle[1], Perennial
Spurge, Leafy
Sundrop, Halfshrub Eveningprimrose
Thistle, Canada, Scotch
Toadflax, Dalmatian
Tropical Soda Apple
Trumpetcreeper (Buckvine)
Vetch add Violet, Wild
Waterhemlock, Spotted
Waterprimrose, Creeping
Woodsorrel[1], Creeping, Yellow
Wormwood, Louisiana, Common
Yankeeweed
Yarrow, Common[1]

Woody Species

Alder
Ash
Aspen
Basswood
Beech
Birch
Blackberry[2]
Blackgum[2]
Cedar[2]
Cherry
Chinquapin
Cottonwood
Creosotebush[2]
Cucumbertree
Dewberry[2]
Dogwood[2]
Elm add Gallberry
Grape
Hawthorn (Thornapple)[2]
Hemlock
Hickory
Honeylocust
Honeysuckle
Hornbeam
Huckleberry
Huisache
Ivy, Poison
Kudzu
Locust, Black
Maple
Mesquite
Oak
Oak, Poison
Olive, Russian
Persimmon, Eastern
Pine
Plum, Sand (Wild Plum)[2]
Poplar
Rabbitbrush
Redcedar, Eastern[2]
Rose', McCartney, Multiflora
Sagebrush, Fringed[2]
Sassafras
Serviceberry
Spicebush
Spruce
Sumac
Sweetgum[2]
Sycamore
Tarbush Add Wax Myrtle
Willow
Witchhazel
Yaupon[2]
Yucca[2]

1 Noted perennials may be controlled using lower rates of this product than those specified for other listed perennial weeds.
2 Growth suppression only.

APPLICATION INSTRUCTIONS

This product can be applied to actively growing weeds as aerial, broadcast, band, or spot spray applications using water or sprayable fertilizer as a carrier. For product application rates for control or suppression by weed type and growth stage, see **Table 2, PRODUCT APPLICATION RATES FOR CONTROL OR SUPPRESSION BY WEED TYPE AND GROWTH STAGE**. For crop-specific application timing and other details, refer to the **CROP-SPECIFIC INFORMATION** section.

To avoid uneven spray coverage, this product should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid off-target movement. Use extreme care when applying this product to prevent injury to desirable plants and shrubs.

Cultivation: Do not cultivate within 7 days after applying this product.

Sensitive Crop Precautions: This product may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes, and other broadleaf plants when contacting their roots, stems, or foliage. These plants are most sensitive to this product during their development or growing stage.

Recommendations to Avoid Herbicide Drift

- Use coarse sprays (volume median diameter of 400 microns or more) to avoid potential herbicide drift. Select nozzles that are designed to produce minimal amounts of fine spray particles (less than 200 microns). Examples of nozzles designed to produce coarse sprays via ground applications are Delavan® Raindrops, Spraying Systems XR (excluding 110° tips) flat fans, Turbo Teejets®, Turbo Floodjets®, or large capacity flood nozzles such as D10, TK10, or greater capacity tips.

- Keep the spray pressure at or below 20 psi and the spray volume at or above 20 gallons per acre (for ground broadcast applications), unless otherwise required by the manufacturer of drift-reducing nozzles. Consult your spray nozzle supplier concerning the choice of drift-reducing nozzles.

- Agriculturally approved drift-reducing additives may be used.

Aerial Application Methods and Equipment

Water Volume: Use 1 - 10 gallons of water per acre (2 - 20 gallons of diluted spray per treated acre for preharvest uses). Use the higher spray volume when treating dense or tall vegetation.

Application Equipment: Select nozzles designed to produce minimal amounts of fine spray particles. Make aerial applications at the lowest safe height to reduce exposing the spray to evaporation and wind.

The applicator must follow the most restrictive use cautions to avoid drift hazards, including those found in this labeling, as well as state and local regulations and ordinances.

Do not use aerial equipment if spray particles can be carried by the wind into areas where sensitive crops or plants are growing or when temperature inversions exist.

Ground Application (Banding)

When applying this product by banding, determine the amount of herbicide and water volume needed using the following formula:

$$\frac{\text{Bandwidth in inches}}{\text{Row width in inches}} \times \text{Broadcast rate per acre} = \text{Banding herbicide rate per acre}$$

$$\frac{\text{Bandwidth in inches}}{\text{Row width in inches}} \times \text{Broadcast volume per acre} = \text{Banding water volume per acre}$$

Ground Application (Broadcast)

Water Volume: Use 3 - 50 gallons of spray solution per broadcast acre for optimal performance. Use the higher spray volume when treating dense or tall vegetation.

Application Equipment: Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

Ground Application (Wipers): This product may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush, and vines. Use a solution containing 1 part of this product to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application may be made to crops (including pastures) and non-cropland areas described in this label with the exception of cotton, sorghum, and soybean.

SPRAY EQUIPMENT

Procedure for Cleaning Spray Equipment

The steps listed below are suggested for thorough cleaning of spray equipment following applications of this product.

1. Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
2. Fill tank with water while adding 1 quart of household ammonia for every 25 gals of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
3. Flush the solution out of the spray tank through the boom.
4. Remove the nozzles and screens and flush the system with two full tanks of water. The steps listed below are suggested for thorough cleaning of spray equipment used to apply this product as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. This product tank mixes with water-dispersible formulations require the use of a water/detergent rinse.
5. Complete step 1.
6. Fill tank with water while adding 2 lbs. of detergent for every 40 gals. of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
7. Flush the detergent solution out of the spray tank through the boom.
8. Repeat step 1, and follow with steps 2, 3, and 4.

TABLE 2
PRODUCT APPLICATION RATES FOR CONTROL OR SUPPRESSION BY WEED TYPE AND GROWTH STAGE

Use rate limitations are given in the **CROP-SPECIFIC INFORMATION** section.

Weed Type and Stage	Rate Per Acre (fl. oz.)	Weed Type and Stage	Rate Per Acre (fl. oz.)
Annual[1]		**Perennial**	
Small, actively growing	8 - 16	Top growth suppression	8 - 16
Established weed growth	16 - 24	Top growth control and root suppression	16 - 32
		Noted perennials (Footnote 1 in **Table 1)**	32
		Other perennials[3]	32
Biennial		**Woody Brush & Vines**	
Rosette diameter 1 - 3"	8 - 16	Top growth suppression	16 - 32
Rosette diameter 3" or more	16 - 32	Top growth control [2, 3]	32
Bolting	32	Stems and stem suppression[3]	32

1 Rates below 8 fluid ounces per acre may provide control or suppression but should typically be applied with other herbicides that are effective on the same species and biotype.

2 Species noted in **Table 2** will require tank mixes for adequate control.

3 Do not broadcast apply more than 32 fluid ounces (1 lb. ae Dicamba) per acre per application. Do not apply more than 64 fluid ounces (2 lbs ae Dicamba) per acre per year. Use the higher level of listed rate ranges when treating dense vegetative growth or perennial weeds with well established root growth.

ADDITIVES

To improve postemergence weed control, agriculturally approved surfactants, sprayable fertilizers (urea ammonium nitrate, or ammonium sulfate), or crop oil concentrate may be added, particularly in dry growing conditions. (Refer to Table 3, Additive Rate Per Acre.)

Nitrogen Source

- **Urea ammonium nitrate (UAN):** Use 2 - 4 quarts of UAN (commonly referred to as 28%, 30%, or 32% nitrogen solution) per acre. Do not use brass or aluminum nozzles when spraying UAN.
- **Ammonium sulfate (AMS):** AMS at 2.5 pounds per acre may be substituted for UAN. Use high-quality AMS (spray grade) to avoid plugging of nozzles. Other sources of nitrogen are not as effective as those mentioned. Nufarm Americas Inc. does not recommend applying AMS, if applied in less than 10 gallons per acre because of potential problems with precipitation in reduced volumes. Use AMS only if it has been demonstrated to be successful in local experience.

Nonionic Surfactant: The standard label instructions are 1 pint of an 80% active nonionic spray surfactant per 100 gallons of water. For certain weeds, a higher spray surfactant rate is advised.

Oil Concentrate: A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all of the following criteria:

- be nonphytotoxic,
- contain only EPA-exempt ingredients,
- provide good mixing quality in the jar test, and
- be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers to provide good mixing quality. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. For additional information, see **COMPATIBILITY TEST FOR MIX COMPONENTS.**

Adjuvants containing crop oil concentrates may be used in preplant, preemergence, and preharvest application, as well as in pastures and noncropland. Do not use crop oil concentrate for postemergence in-crop applications unless specifically allowed in the **CROP-SPECIFIC INFORMATION** section of this label.

TABLE 3
ADDITIVE RATE PER ACRE

Additive	Rate Per Acre
Nonionic Surfactant	1 - 2 pints per 100 gallons
AMS UAN Solution Crop Oil Concentrate	2.5 pounds 2 - 4 quarts 1 quart*

*See manufacturer's label for specific rate instructions

COMPATIBILITY TEST FOR MIX COMPONENTS

Before mixing components, always perform a compatibility jar test.

For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust accordingly. Only use water from the intended source at the source temperature.

Add components in the sequence indicated in the **MIXING ORDER** using 2 teaspoons for each pound or 1 teaspoon for each pint of label rate per acre.

Always cap the jar and invert 10 cycles between component additions.

Before full-scale mixing of this product with other pesticides, fertilizers, secondary plant nutrients, adjuvants, surfactants or oils, you must determine the compatibility of the proposed mixture. Use proportionate quantities of each ingredient and mix in a small container. Always mix one product thoroughly with the diluent before adding another product. If no incompatibility is evident after 30 minutes, the mixture is generally compatible for spraying. To evaluate potential short term effects of applying the mixture, test the tank mix combination on a few plants or a small area before larger-scale treatments. Wait at least 2 to 3 days for problems to become apparent. IMPORTANT: MIXING WITH OTHER SUBSTANCES MAY INCREASE THE RISK OF MIXING INCOMPATIBILITIES, REDUCED EFFECTIVENESS AND/OR CAUSE CROP INJURY OR LOSS. ANY LIABILITY FOR LOSS, INJURY OR DAMAGE RESULTING FROM A MIXTURE NOT SPECIFIED ON THIS LABEL OR IN MANUFACTURER'S SUPPLEMENTAL LABELING DISTRIBUTED FOR THIS PRODUCT IS SPECIFICALLY DISCLAIMED BY MANUFACTURER.

MIXING ORDER

1. Water. Begin by agitating a thoroughly clean sprayer tank three-quarters full of clean water.
2. Agitation. Maintain constant agitation throughout mixing and application.
3. Inductor. If an inductor is used, rinse it thoroughly after each component has been added.
4. Products in PVA bags. Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
5. Water-dispersible products (dry flowables, wettable powders, suspension concentrates, or suspoemulsions).
6. Water-soluble products (such as this product).
7. Emulsifiable concentrates (such as oil concentrate when applicable).
8. Water-soluble additives (such as AMS or UAN when applicable).
9. Remaining quantity of water.

Maintain constant agitation during application.

PRODUCT TANK MIXING INFORMATION

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

TANK MIXES

Unless otherwise prohibited on this label or the label of an intended tank mix product, this product may be applied in combination with any pesticide registered for the same crop, timing, and method of application. Observe the most restrictive label statements of various tank mix products used.

IMPORTANT: PESTICIDE TANK MIXES MAY INCREASE THE RISK OF MIXING INCOMPATIBILITIES, REDUCED EFFECTIVENESS AND/OR CAUSE CROP INJURY OR LOSS. ANY LIABILITY FOR LOSS, INJURY OR DAMAGE RESULTING FROM A TANK MIXTURE NOT SPECIFIED ON THIS LABEL OR IN MANUFACTURER'S SUPPLEMENTAL LABELING DISTRIBUTED FOR THIS PRODUCT IS SPECIFICALLY DISCLAIMED BY MANUFACTURER.

See **CROP-SPECIFIC INFORMATION** section for more details. Read and follow the applicable **RESTRICTIONS AND LIMITATIONS** and **DIRCTIONS FOR USE** on all products involved in tank mixing. The most restrictive labeling applies to tank mixes.

This product may also be used in tank mixtures with foliar applied insecticides including synthetic pyrethroids insecticides. Do not apply this product in tank mixtures with chlopyrifos .

Physical incompatibility, reduced weed control, or crop injury may result from mixing this product with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Nufarm Americas Inc. does not recommend using tank mixes other than those listed on Nufarm Americas Inc. labeling. Local agricultural authorities may be a source of information when using other than Nufarm Americas Inc. recommended tank mixes.

RESTRICTIONS AND LIMITATIONS

Maximum yearly use rate: Refer to **Table 4, Crop-Specific Restrictions and Limitations** for crop-specific maximum yearly use rates. Do not exceed 64 fluid ounces of this product (2 pounds acid equivalent) per acre, per year.

Preharvest Interval (PHI): Refer to the **CROP-SPECIFIC INFORMATION** section for preharvest intervals.

Restricted-Entry Interval (REI): 24 hours

Crop Rotational Restrictions: The interval between application and planting rotational crop is given below. Always exclude counting days when the ground is frozen. Planting at intervals less than specified below may result in crop injury. Moisture is essential for the degradation of this herbicide in soil. If dry weather prevails, use cultivation to allow herbicide contact with moist soil.

Planting/replanting restrictions for this product's applications of 24 fluid ounces per acre or less: No rotational cropping restrictions apply at 120 days or more following application. Additionally, for annual crop uses in this label including corn, cotton, sorghum, and soybean, follow the preplant use directions in the **CROP-SPECIFIC INFORMATION** section**.** For barley, oat, wheat, and other grass seedings, the interval between application and planting is 15 days per 8 fluid ounces per acre applied east of the Mississippi River
and 22 days per 8 fluid ounces per acre west of the Mississippi River.

Planting/replanting restrictions for applications of more than 24 fluid ounces and up to 64 fluid ounces of this product per acre: Corn, sorghum, cotton (east of the Rocky Mountains) and all other crops grown in areas with 30" or more of annual rainfall may be planted 120 days or more after application. Barley, oat, wheat, and other grass seedings, may be planted if the interval from application to planting is 30 days per 16 fluid ounces per acre east of the Mississippi River and 45 days per 16 fluid ounces per acre west of the Mississippi River. For all other crops in areas with less than 30" of annual rainfall, the interval between application and planting is 180 days or more.

Rainfast period: Rainfall or irrigation occurring within 4 hours after postemergence applications may reduce the effectiveness of this product.

Stress: Do not apply to crops under stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, insects, or widely fluctuating temperatures as injury may result.

Do not apply through any type of irrigation equipment. Do not treat irrigation ditches or water used for crop irrigation or domestic purposes.

TABLE 4

CROP-SPECIFIC RESTRICTIONS

Crop	Maximum Rate Per Acre Per Application fl. oz. (lbs a.e.)	Maximum In-Crop Rate Per Acre Per Year fl. oz. (lbs. a.e.)	Livestock Grazing or Feeding	Aircraft Application Allowed
Asparagus	16 (0.5)	16 (0.5)	Yes	Yes
Barley: Fall Spring	8 (0.25) 8 (0.25)	12 (0.375) 11 (0.344)	Yes	Yes
Corn	16 (0.5)	24 (0.75)	Yes[2]	Yes
Cotton	8 (0.25)	8 (0.25)	Yes	Yes
Fallow Ground	32 (1)	32 (1)	Yes	Yes
Grass grown for seed	32 (1)	64 (2)	Yes	Yes
Proso Millet	4 (0.125)	4 (0.125)	Yes	Yes
Pastureland	32 (1)	32 (1)	Yes	Yes
Conservation Reserve Program (CRP)	32 (1)	64 (2)	Yes	Yes
Oats	4 (0.125)	4 (0.125)	Yes	Yes
Sorghum	8 (0.25)	16 (0.5)	Yes	Yes
Soybean	32 (1)	64 (2)	Yes	Yes
Sugarcane	32 (1)	64 (2)	Yes	Yes
Turf	32 (1)	32 (1)	Yes	Yes
Triticale	4 (0.125)	4 (0.125)	Yes	Yes
Wheat	8 (0.25)	16 (0.5)	Yes	Yes

1. Refer to the **CROP-SPECIFIC INFORMATION** section for more details.
2. Once the crop reaches the ensilage (milk) stage or later in maturity.

CROP-SPECIFIC DIRECTIONS

ASPARAGUS

Apply this product to emerged and actively growing weeds in 40 - 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.

Asparagus Rates: Apply 8 - 16 fluid ounces of this product to control annual sowthistle, black mustard, Canada and Russian thistle, and redroot pigweed, (carelessweed).

Apply 16 fluid ounces of this product to control common chickweed, field bindweed, nettleleaf goosefoot, and wild radish.

Asparagus Tank Mixes
Apply 8 - 16 fluid ounces of this product with glyphosate or 2,4-D to improve control of Canada thistle and field bindweed.

Asparagus Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 16 fluid ounces (0.50 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 16 fluid ounces (0.50 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: Up to 2 (application rate dependent).
- Retreatment Interval: 14 days
- Preharvest Interval (PHI): 24 hours
- DO NOT use in the Coachella Valley of California

Between Crop Applications

Preplant Directions (Postharvest, Fallow, Crop Stubble, Set-Aside) For Broadleaf Weed Control: This product can be applied either postharvest in the fall, spring, or summer during the fallow period or to crop stubble/set-aside acres. Apply this product as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (postharvest) and before a killing frost or in the fallow cropland or crop stubble the following spring or summer.

See **Crop-Rotational Restrictions** in the **RESTRICTIONS AND LIMITATIONS** section for the specified interval between application and planting to prevent crop injury.

Rates and Timings: Apply 4 - 32 fluid ounces of this product per acre. Refer to **Table 2** to determine use rates for specific targeted weed species. For best performance, apply this product when annual weeds are less than 6" tall, when biennial weeds are in the rosette stage and to perennial weed regrowth in late summer or fall following a mowing or tillage treatment. The most effective control of upright perennial broadleaf weeds such as Canada thistle and Jerusalem artichoke occurs if this product is applied when the majority of weeds have at least 4” - 6" of regrowth or for weeds such as field bindweed and hedge bindweed that are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds that develop from seed or underground plant parts such as rhizomes or bulblets, after the effective period for this product. For seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of this product**,** refer to the small grain section for details.

Between Crop Tank Mixes

Apply 4 - 16 fluid ounces of this product per acre for control of annual weeds, or 16 - 32 fluid ounces of this product per acre for control of biennial and perennial weeds in a tank-mixture with products containing one or more of the following herbicidal active ingredients: 2,4-D, atrazine, chlorsulfuron, metsulfuron-methyl, clopyralid, glyphosate, metribuzin, paraquat, picloram, pronamide, quinclorac, triasulfuron.

CORN (FIELD, POP, SEED, AND SILAGE)

Preplant and Preemergence Application in No Tillage Corn

Rates: Apply 16 fluid ounces of this product per acre on medium- or fine-textured soils containing 2.5% or greater organic matter. Use 8 fluid ounces of this product per acre on coarse soils (sand, loamy sand, and sandy loam) or medium- and fine-textured soils with less than 2.5% organic matter.

Timing: This product can be applied to emerged weeds before, during, or after planting a corn crop. When planting into a legume sod (e.g. alfalfa or clover), apply this product after 4” - 6" of regrowth has occurred.

Preemergence Application In Conventional Or Reduced Tillage Corn

Rates: Apply 16 fluid ounces of this product per treated acre to medium- or fine-textured soils that contain 2.5% organic matter or more. Do not apply to coarse-textured soils (sand, loamy sand, or sandy loam) or any soil with less than 2.5% organic matter until after corn emergence (see **Early Postemergence** uses below).

Timing: This product may be applied after planting and prior to corn emergence. Preemergence application of this product does not require mechanical incorporation to become active. A shallow mechanical incorporation is recommended if the application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g. drags, harrows) that concentrate treated soil over seed furrow, as seed damage could result.

Preemergence control of cocklebur, jimsonweed, and velvetleaf may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

Early Postemergence Application in All Tillage Systems

Rates: Apply 16 fluid ounces of this product per treated acre. Reduce the rate to 8 fluid ounces of this product per treated acre for corn grown on coarse-textured soils (sand, loamy sand, and sandy loam).

Timing: Apply between corn emergence and the 5-leaf stage or 8" tall, whichever occurs first. Refer to **Late Postemergence Application** if the sixth true leaf is emerging from whorl or the corn is greater than 8" tall.

Late Postemergence Application

Rate: Apply 8 fluid ounces of this product per treated acre.

Timing: Apply this product from 8 - 36" tall corn or 15 days before tassel emergence, whichever comes first. For best performance, apply when weeds are less than 3" tall.

Apply directed spray when corn leaves prevent proper spray coverage, sensitive crops are growing nearby, or tank mixing with 2,4-D. Do not apply this product when soybeans are growing nearby if any of these conditions exist:

- Corn is more than 24" tall
- Soybean are more than 10" tall
- Soybean have begun to bloom

Corn Tank Mixes or Sequential Uses

When using tank mix or sequential applications with this product**,** always follow the companion product label to determine specific use rates by soil types, weed species, and weed or crop growth stage. In addition, follow precautions and restrictions including state and local use restrictions that may apply to specific products.

Apply this product prior to, in tank mix with, or after one or more of the following herbicide active ingredients: 2,4-D[2], acetochlor, atrazine, alachlor, bentazon, clopyralid, dicamba[3], dimethenamid-P, flufenacet, flumetsulam, glufosinate (only on glufosinate-tolerant corn hybrids), glyphosate (only on glyphosate tolerant corn hybrids), halosulfuron, imazethapyr plus imazapyr (only on imidazolinone tolerant corn hybrids), metolachlor, metribuzin, nicosulfuron[1], paraquat, pendimethalin, primisulfuron-methyl[1], prosulfuron, simazine, s-metolachlor.

[1]When tank-mixing, applications immediately following extreme day or night temperature fluctuations, or when daytime temperatures are below 50°F, may result in decreased weed control or crop injury. Delay application until temperature warms and plants resume normal growth.

[2]To provide maximum crop safety after corn emergence, use this tank mix only after corn is greater than 8 inches tall, when application can be made with drop pipes that direct spray beneath corn leaves and away from the corn's whorl. The maximum rate of 2,4-D recommended in tank mix is 0.125 lbs. ae per acre.

[3]Tank mixes containing dicamba must not exceed a combined rate of 0.5 lbs. a.e. dicamba per acre (0.25 lbs. a.e. on coarse-textured soils or when corn is >8 inches tall). Sequential applications of these products must be separated by a minimum of 2 weeks, unless the combined rate is <0.5 lbs. of dicamba a.e. and corn is ≤8 inches. Sequential uses must not exceed a combined total of 0.75lbs. dicamba a.e. per acre for in-crop use.

Corn Use Precautions

- Avoid direct contact of this product with corn seed. Delay application of this product if corn seeds are less than 1.5 inches below the soil surface until corn has emerged.
- Applications to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. To avoid breakage, delay cultivation until after corn is growing normally.
- Avoid using crop oil concentrates after crop emerges as crop injury may result. Use crop oil concentrates only in dry conditions when corn is less than 5 inches tall and when applying this product alone or in tank-mixture with atrazine.
- Use of sprayable fluid fertilizer as the carrier is not recommended for applications made after corn emergence.

Corn Use Restrictions

- DO NOT apply sweet corn. This product is not registered for use on sweet corn.
- Do not apply this product to seed corn or popcorn without first verifying with your local seed corn company (supplier) the selectivity of this product on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.
- Maximum Single Application Rate: DO NOT exceed the rates specified for the application timing and soil type.
- Maximum Annual Application Rate: DO NOT exceed a total of 24 fluid ounces (0.75 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications: Up to 2 (application rate dependent).
- Minimum Retreatment Interval: 14 days
- Preharvest (PHI)/Grazing Interval: Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

COTTON

Preplant Application: Apply up to 8 fluid ounces of this product per acre to control emerged broadleaf weeds prior to planting cotton in conventional or conservation tillage systems.

For best performance, apply this product when weeds are in the 2 - 4 leaf stage and rosettes are less than 2" across.

Following application of this product and a minimum accumulation of 1" of rainfall or overhead irrigation, a waiting interval of 21 days is required per 8 fluid ounces per acre or less. These intervals must be observed prior to planting cotton.

Cotton Tank Mixes

For control of grasses or additional broadleaf weeds, this product may be tank mixed with glyphosate, paraquat, or prometryn.

Cotton Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 8 fluid ounces (0.25 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 8 fluid ounces (0.25 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: Up to 2 (application rate dependent).
- Minimum Retreatment Interval: 7 days
- Preharvest Interval (PHI): N/A
- DO NOT apply preplant to cotton west of the Rocky Mountains.
- DO NOT make preplant applications to cotton in geographic areas with average annual rainfall less than 25 inches.
- If applying a spring preplant treatment following application of a fall preplant (postharvest) treatment, then the combination of both treatments may not exceed 64 fluid ounces per acre.

GRASS GROWN FOR SEED

Apply 8 - 16 fluid ounces of this product per treated acre on seedling grass after the crop reaches the 3 - 5 leaf stage. Apply up to 32 fluid ounces of this product on well-established perennial grass. For best performance, apply this product when weeds are in the 2 - 4 leaf stage and rosettes are less than 2" across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth.

To suppress annual grasses such as brome (downy and ripgut), rattail fescue, and windgrass, apply up to 32 fluid ounces of this product per treated acre in the fall or late summer after harvest and burning of established grass seed crops. Applications should be made immediately following the first irrigation when the soil is moist and before weeds have more than 2 leaves.

Grass Seed Tank Mixes

This product may be applied in tank mixes with one or more of the following herbicide active ingredients 2,4-D amine or ester, bromoxynil, clopyralid, MCPA amine, diuron, clopyralid, metribuzin, tribenuron.

Grass Grown for Seed Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 32 fluid ounces (1.0 lbs. a.e.) per application for established grass or 16 fluid ounces (0.5 lbs. a.e.) per application for seedling grass.
- Maximum Annual Application Rate: DO NOT exceed a total of 64 fluid ounces (2.0 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- Preharvest Interval (PHI): N/A
- Refer to TABLE 8 in the PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD section of this label for restrictions pertinent to grass seed areas that are grazed or cut for hay.
- DO NOT apply this product after the grass seed crop begins to joint.

PROSO MILLET

For use only within Colorado, Nebraska, North Dakota, South Dakota, and Wyoming.

This product combined with 2,4-D will provide control or suppression of the annual broadleaf weeds listed in **Table 1.**

Apply 4 ounces of this product with 0.375 lbs. a.e. of 2,4-D. Apply the tank mix of this product + 2,4-D as a broadcast or spot treatment to emerged and actively growing weeds and when proso millet is in the 2 - 5 leaf stage. Use directions for 2,4-D products vary with manufacturers. Refer to a 2,4-D product with labeling consistent with the crop stage timing for this product. Some types of proso millet may be affected adversely by a tank mix of this product + 2,4-D.

Proso Millet Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 4 fluid ounces (0.125 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate: DO NOT exceed 4 fluid ounces (0.125 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 1
- Minimum Retreatment Interval: N/A
- Preharvest Interval (PHI): N/A
- Refer to Table 8 in the PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD section of this label for restrictions pertinent to proso millet areas that are grazed or cut for hay.
- DO NOT apply unless possible proso millet crop injury will be acceptable.

SMALL GRAINS NOT UNDERSEEDED TO LEGUMES (Fall- and Spring-Seeded Barley, Oat, Triticale and Wheat)

Combinations with listed tank mix partners will provide control or suppression of the annual broadleaf weeds listed in **Table 1.** For improved control of listed weeds, tank mix this product with one or more of the herbicides listed. This product used in a tank mix with other herbicides offers the best spectrum of weed control and herbicide tolerant or resistant weed management. Refer to the specific crop section for this product's application rate and timing.

For applications prior to weed emergence or when sulfonylurea-resistant weeds are present or suspected, tank mix a minimum of 3 fluid ounces of this product per treated acre with a non-sulfonylurea herbicide such as 2,4-D or MCPA. Tank mixing this product with these products will offer more consistent control of sulfonylurea-resistant weeds.

Additives: When tank mixing this product with sulfonylurea herbicides (metsulfuron, triasulfuron, tribenuron, thifensulfuron, prosulfuron), use 1 - 4 pints of an agriculturally approved surfactant (containing at least 80% active ingredient) per 100 gallons of spray or not more than 0.25 - 0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix or when treating more mature and difficult to control weeds or dense vegetative growth.

Refer to the specific crop sections below for use rates. When treating difficult to control weeds such as kochia, wild buckwheat, cow cockle, prostrate knotweed, Russian thistle, and prickly lettuce or when dense vegetative growth occurs, use the 3 - 4 fluid ounces of this product per acre.

Timings: Apply this product before, during, or after planting small grains. See specific small grain crop uses below for maximum crop stage. For best performance, apply this product when weeds are in the 2 - 3 leaf stage and rosettes are less than 2" across. Applying this product to small grains during periods of rapid growth may result in crop leaning. This condition is temporary and will not reduce crop yields.

Applications to small grains may be made with aerial applications with 1 gallon of water or more per acre. Where dense foliage is present, 2 - 3 gallons of water per acre should be used.

Restrictions for small grain areas that are grazed or cut for hay are indicated in **Table 8** in the **PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD** section of this label.

SMALL GRAINS: BARLEY (Fall- and Spring-Seeded)

Early Season Applications: Apply 2 - 4 fluid ounces of this product to fall-seeded barley prior to the jointing stage. Apply 2 - 3 fluid ounces of this product before spring-seeded barley exceeds the 4-leaf stage.

Note: For spring barley varieties that are seeded during the winter months or later, follow the rates and timings given for spring-seeded barley.

Do not tank mix this product with 2,4-D in early season applications on spring-seeded barley.

Preharvest Applications: This product can be used to control weeds that may interfere with harvest of fall- and spring-seeded barley. Apply 8 fluid ounces of this product per acre as a broadcast or spot treatment to annual broadleaf weeds when barley is in the hard dough stage and the green color is gone from the nodes (joints) of the stem. Best results will be obtained if application can be made when weeds are actively growing, but before weeds canopy.
For control of additional broadleaf weeds or grasses, this product may be tank mixed with other herbicides, such as 2,4-D, that are labeled for preharvest uses in barley.

Barley Tank Mixes

This product may be applied in tank mixes with products containing the following herbicide active ingredients: 2,4-D Amine or 2,4-D Ester[2], Bromoxynil, Chlorsulfuron[1], MCPA amine or MCPA ester, metribuzin, metsulfuron-methyl[1], thifensulfuron[1], tribenuron-methyl[1], triasulfuron[1]

[1]**DO NOT** use low rates of Sulfonylureas on mature weeds or on dense vegetative growth.
[2]Use in tank-mix for fall-seeded barley only.

Barley Use Restrictions

- Maximum Single Application Rate: DO NOT exceed the rates specified in the use instruction for the application timing.
- Maximum Annual Application Rate:
    - Fall-Seeded: DO NOT exceed a total of 12 fluid ounces (0.375 lbs. a.e.) per acre p crop year.
    - Spring-Seeded: DO NOT exceed a total of 11 fluid ounces (0.344 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- Preharvest Interval (PHI): 7 days
- Refer to Table 8 in the *PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD* section of this label for restrictions pertinent to small grain areas that are grazed or cut for hay.
- DO NOT use preharvest treated barley for seed unless a germination test is performed on the seed with an acceptable result of 95% germination or better.
- DO NOT tank-mix this product with 2,4-D in early season applications on spring-seeded barley.
- DO NOT make preharvest applications in California.

SMALL GRAINS: OAT (Fall- and Spring-Seeded)

Early Season Applications: Apply 2 - 4 fluid ounces of this product per acre to fall-seeded oat prior to the jointing stage. Apply 2 - 4 fluid ounces of this product before spring-seeded oat exceeds the 5-leaf stage.

This product may be tank mixed with MCPA amine or ester for applications in oat.

Oat Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 4 fluid ounces (0.125 lbs. a.e.) per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 4 fluid ounces (0.125 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 1
- Minimum Retreatment Interval: N/A
- Preharvest Interval (PHI) grain: 7 days
- Refer to Table 8 in the *PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD* section of this label for restrictions pertinent to small grain areas that are grazed or cut for hay.
- DO NOT tank mix this product with 2,4-D on oats.

SMALL GRAINS: TRITICALE (Fall- and Spring-Seeded)

Early Season Applications: Apply 2 - 4 fluid ounces of this product to triticale. Early season applications to fall-seeded triticale must be made prior to the jointing stage.

Early season applications to spring-seeded triticale must be made before triticale reaches the 6-leaf stage.

Triticale Tank Mixes: For best performance, this product should be used in tank mix combination with bromoxynil herbicide.

Triticale Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 4 fluid ounces (0.125 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 4 fluid ounces (0.125 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 1
- Minimum Retreatment Interval: N/A
- Preharvest Interval (PHI): 7 days
- Refer to Table 8 in the *PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD* section of this label for restrictions pertinent to small grain areas that are grazed or cut for hay.

SMALL GRAINS: WHEAT (Fall- and Spring-Seeded)

Early Season Applications: Apply 2 - 4 fluid ounces of this product to wheat unless using one of the fall-seeded wheat specific programs below. Early season applications to fall-seeded wheat must be made prior to the jointing stage.

Early season applications to spring-seeded wheat must be made before wheat exceeds the 6-leaf stage.

Early developing wheat varieties such as TAM 107, Madison, or Wakefield must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

To improve control of Russian thistle, flixweed, gromwell, or mayweed, add 2,4-D amine or ester to a tank mix with one of the following herbicides: metsulfuron, triasulfuron, tribenuron, thifensulfuron, or prosulfuron.

Specific Use Programs for Fall-Seeded Wheat Only: This product may be used at 6 fluid ounces on fall-seeded wheat in Western Oregon as a spring application only. In Colorado, Kansas, New Mexico, Oklahoma, and Texas, up to 8 fluid ounces of this product may be applied on fall-seeded wheat after it exceeds the 3-leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall following a frost but before a killing freeze. This product may be tank mixed with 2,4-D amine at

8 fluid ounces after wheat begins to tiller. Periods of extended stress such as cold and wet weather may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

Preharvest Applications: This product can be used to control weeds that may interfere with harvest of wheat. Apply 8 fluid ounces this product per acre as a broadcast or spot treatment to annual broadleaf weeds when wheat is in the hard dough stage and the green color is gone from the nodes (joints) of the stem. Best results will be obtained if application can be made when weeds are actively growing but before weeds canopy.

A waiting interval of 7 days is required before harvest. Do not use preharvest-treated wheat for seed unless a germination test is performed on the seed with an acceptable result of 95% germination or better.

For control of additional broadleaf weeds or grasses, this product may be tank mixed with other herbicides such as metsulfuron, glyphosate, and 2,4-D.

Wheat Tank Mixes
This product may be applied in tank mixes with products containing the following herbicidal active ingredients: 2,4-D amine[2], 2,4-D ester[2], bromoxynil, clethodim[4], clopyralid, chlorsulfuron[1], MCPA, metsulfuron-methyl[1], diuron[3], glyphosate[5], MCPA amine[2], MCPA ester[2], metribuzin[3], prosulfuron[1], thifensulfuron[1],tribenuron[1], triasulfuron[1].

[1]**DO NOT** use low rates of Sulfonylureas on mature weeds or on dense vegetative growth.
[2]Up to 1 pound a.e. of these may be used on fall-seeded wheat if crop injury is acceptable.
[3] Tank-mixes with Diuron and Metribuzin are for use in Fall-seeded Wheat only.
[4]**DO NOT** use this product in tank-mixture with Clethodim on Durum Wheat. If wild oats is the target weed, **DO NOT** use this product in tank-mixture with Fenoxaprop-ethyl + MCPA + 2,4-D.
[5] A tank-mix of up to 4 fl. ozs. of this product with Glyphosate for use as a pre-plant application to small grains may be applied with no waiting period prior to planting.

Wheat Use Restrictions

- Maximum Single Application Rate: DO NOT exceed the rates specified in the use instruction for the application timing and geography.
- Maximum Annual Application Rate: DO NOT exceed a total of 16 fluid ounces (0.50 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- **Preharvest Interval (PHI):** 7 days
- Refer to Table 8 in the *PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD* section of this label for restrictions pertinent to small grain areas that are grazed or cut for hay.
- DO NOT use pre-harvest treated wheat for seed unless a less a germination test is performed on the seed with an acceptable result of 95% germination or better.
- DO NOT make pre-harvest applications in California.

SORGHUM

This product may be applied preplant, postemergence, or preharvest in sorghum to control many annual broadleaf weeds and to reduce competition from established perennial broadleaf weeds, as well as control their seedlings.

Preplant Application: Up to 8 fluid ounces of this product may be applied per acre if applied at least 15 days before sorghum planting.

Postemergence Application: Up to 8 fluid ounces of this product per acre may be applied after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15" tall. For best performance, apply this product when the sorghum crop is in the 3 - 5 leaf stage and weeds are small (less than 3" tall). Use drop pipes (drop nozzles) if sorghum is taller than 8". Keep the spray off the sorghum leaves and out of the whorl to reduce the likelihood of crop injury and to improve spray coverage of weed foliage. Applying this product to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 - 14 days.

Preharvest Uses in Texas and Oklahoma Only: Up to 8 fluid ounces of this product per acre may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications, use at least 2 gallons of water-based carrier per treated acre..

Split Application: This product may be applied in split applications: preplant followed by postemergence or preharvest; or postemergence followed by preharvest..

Sorghum Tank Mixes and Sequential Treatment

This product may be applied prior to, in a tank mix with, or after one or more of the following herbicide active ingredients 2,4-D, atrazine, bentazon, bromoxynil, dimethenamid-P, glyphosate, halosulfuron, metolachlor, paraquat, prosulfuron, quinclorac, s-metolachlor.

Sorghum Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 8 fluid ounces (0.25 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 16 fluid ounces (0.50 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- Preharvest Interval (PHI) grain: 30 days
- Preharvest Interval (PHI) forage: 20 days
- Preharvest Interval (PHI) fodder: 30 days
- DO NOT graze or feed treated sorghum forage or silage prior to mature grain stage.
- Refer to Table 8 in the *PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD* section of this label for restrictions pertinent to sorghum areas that are grazed or cut for hay.
- DO NOT apply this product to sorghum grown for seed production.

SOYBEAN

Preplant Applications: Apply 4 - 16 fluid ounces of this product per acre to control emerged broadleaf weeds prior to planting soybeans.

Do not exceed 16 fluid ounces of this product per acre in a spring application prior to planting soybeans.

Following application of this product and a minimum accumulation of 1" rainfall or overhead irrigation, a waiting interval of 14 days is required for 8 fluid ounces per acre or less, and 28 days for 16 fluid ounces per acre. These intervals must be observed prior to planting soybeans or crop injury may occur.

Do not preplant applications of this product to soybeans in geographic areas with average annual rainfall less than 25".

Preharvest Applications: This product can be used to control many annual and perennial broadleaf weeds and control or suppress many biennial and perennial broadleaf weeds in soybean prior to harvest (refer to **Table 1**). Apply 8 - 32 fluid ounces of this product per acre as a broadcast or spot treatment to emerged and actively growing weeds after soybean pods have reached mature brown color and at least 75% leaf drop has occurred.

Treatments may not kill weeds that develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for this product. For seedling control, a follow-up program or other cultural practice could be instituted.

Soybean Tank Mixes

Preplant Tank Mixes: This product may be tank mixed with other herbicides registered for early preplant use in soybeans including burndown herbicides such as glyphosate and 2,4-D or residual herbicides

Preharvest Tank Mixes: This product may be tank mixed with other herbicides registered for preharvest use in soybeans such as glyphosate and paraquat..

Soybean Use Restrictions

- Maximum Single Application Rates:
  - Preplant: DO NOT exceed a total of 16 fluid ounces (0.50 lbs. a.e.) per acre per application.
  - Preharvest: DO NOT exceed a total of 32 fluid ounces (1.0 lbs. a.e.) per acreper application.
- Maximum Annual Application Rate: DO NOT exceed a total of 64 fluid ounces (2.0 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- Preharvest Interval (PHI): 7 days
- DO NOT feed soybean fodder or hay following a preharvest application of this product.
- DO NOT use preharvest-treated soybean for seed unless a germination test is performed on the seed with an acceptable result of 95% germination or better.
- DO NOT make preplant applications to soybeans in geographic areas with average annual rainfall less than 25 inches.
- DO NOT make preharvest applications in California.

SUGARCANE

Apply this product for control of annual, biennial, or perennial broadleaf weeds listed in **Table 1**. Apply 8 - 24 fluid ounces of this product per acre for control of annual weeds, 16 - 32 fluid ounces for control of biennial weeds, and 32 fluid ounces for control or suppression of perennial weeds.

Use the higher level of listed rate ranges when treating dense vegetative growth.

Timing: This product may be applied to sugarcane any time after weeds have emerged, but before the close-in stage of sugarcane. Applications of 32 fluid ounces of this product per acre made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy to minimize the likelihood of crop injury. Using directed sprays will also help maximize the spray coverage of weed foliage.

Sugarcane Tank Mixes

This product may be tank mixed with other products registered for use in sugarcane such as asulam, atrazine, ametryn, and 2,4-D.

Sugarcane Use Restrictions

- Maximum Single Application Rates:
  - Annual Weeds: DO NOT exceed a total of 24 fluid ounces (0.75 lbs. a.e.) per application.
  - Biennial & Perennial Weeds: DO NOT exceed a total of 32 fluid ounces (1.0 lbs. a.e.) per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 64 fluid ounces (2.0 lbs. a.e.) acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- Preharvest Interval (PHI): 87 days
- Refer to Table 8 in the *PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD* section of this label for restrictions pertinent to sugarcane areas that are grazed or cut for hay.

PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (Noncropland)

This product is recommended for use on pasture, hay, rangeland, and general farmstead (non-cropland) (including fencerows and non-irrigation ditchbanks) for control or suppression of broadleaf weed and brush species listed in **Table 1.**

This product may also be applied to non-cropland areas to control broadleaf weeds in noxious weed control programs, districts, or areas including broadcast or spot treatment of roadsides and highways, utilities, railroad, and pipeline rights-of-way. Noxious weeds must be recognized at the state level, but programs may be administered at state, county, or other level.

Uses described in this section also pertain to small grains (forage sorghum, rye, sudangrass, or wheat) grown for pasture use only. Some perennial weeds may be controlled with lower rates of either this product or this product plus 2,4-D (refer to **Table 2**).

Rates and Timings: Refer to **Table 2** for rate selection based on targeted weed or brush species. Some weed species will require tank mixes for adequate control.

Newly seeded areas may be severely injured if more than 16 fluid ounces of this product is applied per acre.

Established grass crops growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied. Bentgrass, carpetgrass, buffalograss, and St. Augustinegrass may be injured if more than 16 fluid ounces of this product is applied per acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill or injure alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Use Restrictions

- DO NOT use this product on residential areas.
- Maximum Single Application Rate:
  - Small Grains Grown for Forage/Fodder/Hay/Pasture: DO NOT exceed a total of 16 fluid ounces (0.5 lbs. a.e.) per acre per application.
  - Pasture/Rangeland: DO NOT exceed a total of 32 fluid ounces (1.0 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate:
  - Small Grains Grown for Forage/Fodder/Hay/Pasture: DO NOT exceed a total of 16 fluid ounces (0.5 lbs. a.e.) per acre per crop year.
  - Pasture/Rangeland: DO NOT exceed 32 fluid ounces (1.0 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 1
- Minimum Retreatment Interval: N/A
- Rates above 32 fluid ounces (1.0 lbs. a.e.) are for spot treatment only. DO NOT apply ≥32 fluid ounces per acre by broadcast spray.
- Preharvest interval (PHI):
  - Grass grown for hay: 7 days.
  - Timing restrictions for grazing or harvesting hay from treated fields are listed in *TABLE 8.*
  - There are no grazing restrictions for animals other than lactating daily animals.

TABLE 8
TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALS FOLLOWING TREATMENT

Rate per Treated Acre (fl. oz.)	Days Before Grazing (days)	Days Before Hay Harvest (days)
Up to 16	7	37
Up to 32	21	51
Up to 64	40	70

This product can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier (refer to the **COMPATIBILITY TEST FOR MIX COMPONENTS** section)**.**

To prepare oil in water emulsions, half-fill spray tank with water, then add the appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the oil (such as diesel oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers. This product may be applied broadcast using either ground or aerial application equipment.

Aerial Application

- **Spray Volume:** Use 2 - 40 gallons of diluted spray per treated acre in a water-based carrier.

Ground Application

- **Spray Volume:** Use 3 - 600 gallons of diluted spray per treated acre. The volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used.
- **Spot Treatments:** This product may be applied to individual clumps or small areas of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to runoff) of foliage and stems.

CUT SURFACE TREATMENT

This product may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees.

Rate: Mix 1 part of this product with 1 - 3 parts water to create the application solution. Use the lower dilution rate when treating difficult-to-control species.

- **For Frill or Girdle Treatments:** Make a continuous cut or a series of overlapping cuts using an axe to girdle tree trunk. Spray or paint the cut surface with the solution.
- **For Stump Treatments:** Spray or paint freshly cut surface with the water mix. The area adjacent to the bark should be thoroughly wet.

Note: For more rapid foliar effects, 2,4-D may be added to the solution.

APPLICATION FOR CONTROL OF DORMANT MULTIFLORA ROSE

This product can be applied when plants are dormant as an undiluted spot treatment directly to the soil or as a Lo-Oil basal bark treatment using an oil-water emulsion solution.

- Spot treatments: Spot treatment applications of this product should be applied directly to the soil as close as possible to the root crown but within 6 - 8" of the crown. On sloping terrain, apply this product to the uphill side of the crown. The use rate of this product depends on the canopy diameter of the multiflora rose.
- Examples: Use 0.25, 1.0, or 2.35 fluid ounces of this product respectively, for 5, 10, or 15 feet canopy diameters.
- Lo-Oil basal bark treatments: For Lo-Oil basal bark treatments, apply this product to the basal stem region from the ground line to a height of 12 - 18". Spray until runoff, with special emphasis on covering the root crown. For best results, apply this product when plants are dormant.

To prepare approximately 2 gallons of a Lo-Oil spray solution:

1. Combine 1.5 gallons of water, 1 ounce of emulsifier, 16 fluid ounces of this product**,** and 2.5 pints of No. 2 diesel fuel.
2. Adjust the amounts of materials used proportionately to the amount of final spray solution desired.

Dormant Multiflora Rose Application Restrictions:

- DO NOT apply when snow or water prevents applying this product to the soil.
- DO NOT apply after budbreak or when plants are showing signs of active growth when using Lo-Oil application to basal bark.
- DO NOT exceed 8 gallons of spray solution mix applied per acre per year when using Lo-Oil application to basal bark.

Pasture Tank Mixes

This product may be applied in tank mixes with one or more of the following herbicides: metsulfuron-methyl, triasulfuron, triclopyr, 2,4-D, clopyralid, paraquat, glyphosate, picloram.

CONSERVATION RESERVE PROGRAM (CRP)

This product is recommended for use on both newly seeded and established grasses grown in Conservation Reserve or federal Set-Aside Programs. Treatments of this product will injure or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Newly Seeded Areas: This product may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3-leaf stage. Rates of this product greater than 16 fluid ounces per treated acre may severely injure newly seeded grasses.

Preplant applications may injure new seedings if the interval between application and grass planting is less than 45 days per 16 fluid ounces of this product applied per treated acre west of the Mississippi River or 20 days per 16 fluid ounces applied east of the Mississippi River.

Established Grass Stands: Established grass stands are perennial grasses planted one or more seasons prior to treatment. Certain species (bentgrass, carpetgrass, smooth brome, buffalograss, or St. Augustinegrass) may be injured when treated with more than 16 fluid ounces of this product per treated acre.

When applied at instructed rates, this product will control many annual and biennial weeds and provide control or suppression of many perennial weeds.

Rates and Timings: Apply 4 - 32 fluid ounces of this product per acre. Refer to **Table 2** for rates based on target weed species. This product may be tank mixed or applied sequentially with other products labeled for use in Conservation Reserve Programs such as atrazine, glyphosate, paraquat, or 2,4-D.

CRP Use Restrictions

- Maximum Single Application Rate: DO NOT exceed a total of 32 fluid ounces (1.0 lbs. a.e.) per acre per application.
- Maximum Annual Application Rate: DO NOT exceed a total of 64 fluid ounces (2.0 lbs. a.e.) per acre per crop year.
- Maximum Number of Applications per Year: 2
- Minimum Retreatment Interval: 7 days
- Preharvest Interval: N/A

RIGHTS-OF-WAY, UTILITY, INDUSTRIAL AREAS, FENCEROWS AND OTHER NONCROP AREAS

This product is recommended for use on general farmstead weed and brush control and for use on noncrop land areas such as rights of-way (such as roadways, rest areas, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland); utility facilities (such as substations, pipelines, tankfarms, pumping stations, parking and storage areas, fencerows and non-irrigated ditchbanks); brush control for forest site preparation or maintenance, conservation lands including natural areas (including wildlife management areas, wildlife openings, wildlife habitats, recreation areas, campgrounds, trailheads and trails), wildlife openings and other conservation lands.

Observe all Precautions on this label. Read and follow the Mixing and Application section.

General Farmstead

This product can be used on or around farms and farmstead for control of many broadleaf weeds and brush in noncrop land areas only.

Rights-of-Way

This product can be used to control many broadleaf weeds on rights-of-way. This use includes applications to roadside, roadway and highways; to areas along utilities such as cable and powerlines; railroad track and embankment; highways, highway medians, bridge abutments, pipelines, and rights-of-way that run through pasture and rangeland. Use controlled application techniques that minimize the risk of off-target movement.

Utility and Industrial Areas

This product can be used to control many broadleaf weeds and brush in noncrop areas on or surrounding substations, pipelines, tankfarms, pump stations, production facilities, and bareground situations. It may also be used on parking and storage areas (refer to Best Stewardship Practices to avoid direct runoff from impervious surfaces).

Fencerows

This product can be used to control many broadleaf weeds and brush in fencerows.

Mixing and Application

Read and observe Management of Off-Site Movement recommendations in this label. This product can be applied using water, oil in water emulsions including invert systems, or, sprayable fluid fertilizer as a carrier. A compatibility test (see Compatibility Test section) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water, then add the appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the herbicidal oil or a pre-mix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

This product may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply low or high volume sprays between 3 to 600 gals. of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment, apply 5 to 40 gals. of diluted spray per treated acre.

This product may be applied to individual clumps or small areas (spot treatment) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to runoff) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, spreader stickers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

Weeds and Brush Controlled
When applied at instructed rates, will give control of many annual, biennial, and perennial broadleaf weeds, and many woody brush and vine species commonly found in noncrop-land areas. (Refer to General Weed List.) Noted (*) perennial weeds may be controlled with lower rates of either this product or this product plus tank mix combinations. See **RATES AND TIMING** below.

Table 9: RATES AND TIMING

Application rates and timings of this product are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

Weed Stage and Type	Amount of Product Per Acre fl. oz. (lbs. a.e.)	Gallons of Spray Mixture Per Acre*	Spray Concentration for Use with Low Volume Application**** (%vol/vol)
Annual			
Small, Actively Growing	8 to 16 (0.25 – 0.5)	25 to 50	3
Established Weed Growth	16 to 24 (0.5 – 0.75)	50 to 75	3
Biennial* - Rosette diameter			
Less than 3”	8 to 16 (0.25 – 0.5)	25 to 50	3 to 4
3” or more	16 to 32 (0.5 – 1.0)	50 to 100	3 to 4
Bolting	32 (1.0)	100 to 150	3 to 4
Perennial			
Suppression or top growth control	8 to 16 (0.25 – 0.5)	50 to 100	4
Noted (*) Perennials	32 (1.0)	100 to 200	4
Other Perennials	32 (1.0)	200	5
Woody Brush and Vines***			
Top Growth	8 to 32 (0.25 – 1.0)	50 to 200	5
Stems and Roots	32 (1.0)	200	5

* For best performance, make application when biennial weeds are in the rosette stage.
** Assuming typical application rate of 1 quart. of this product/100 gals.
*** Tank mixes may be required for optimal control. Refer to General Weed List.
**** Low volume rates must not exceed 64 fl. oz.of this product maximum per acre per year (5% volume/volume = 10 gals. maximum solution per acre per year).

FOREST SITE PREPARATION

Product Information
This product may be used for control of undesirable conifers as well as many broadleaf weeds, vines, brambles, hardwood brush, and trees in forest site preparation. This product may be applied as broadcast foliar sprays from ground or aerial equipment. This product is absorbed through the leaf surfaces quickly after spraying and will also be absorbed from the soil by the roots. Translocation through the leaves, stems, and roots provides control of undesirable young conifer and broadleaf species. Woody plants, brush, and trees may not display the full extent of herbicide efficacy until several months following treatment. This product provides application flexibility for extended windows of application and tank mix options (refer to Mixing and Application Procedures and Tank Mix Options).

Mixing and Application Instructions

Ground Operated Spray Equipment
Thoroughly mix and apply the specified amount of this product (32 fl. oz. per acre maximum) in a minimum of 15 gals. of water per acre. Spray solution should uniformly cover undesirable foliage for best results. A suitable nonionic surfactant should be added to the spray solution to enhance foliage wetting, spreading, and solution absorption. Drift control and foam reducing agents may be added at specified rates, if needed. Spray pattern indicator agents may also be added at specified rates, if desired. DO NOT spray under windy or gusty conditions. Maintain proper buffer zone to ensure drift does not reach off-target vegetation.

Aerial Spray Equipment
Thoroughly mix the specified amount of this product (32 fl. oz. per acre maximum) in a minimum of 10 gals. of water per acre and uniformly apply with properly calibrated aerial equipment. A suitable nonionic surfactant should be added to the spray solution to

enhance wetting, spreading, and solution absorption. All precautions should be taken to minimize or eliminate spray drift. Drift control and foam control agents may be added at specified rates, if needed.

Tank Mix Options
For extended range of species control, tank mix this product with other forest site preparation products such as imazapyr, glyphosate, sulfometuron, and triclopyr. Observe all precautions and restrictions on the product labels. Always follow the most restrictive label in a tank mix.

TURF AND LAWNS

Including Golf Course (Fairways, Aprons, Tees, and Rough), Parks, Recreational areas, Lawn care application, Sod farms.

IMPORTANT: Observe all Precautions on this label. Read and follow Mixing and Application Procedures.

Established grass stands growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied. To avoid injury to newly seeded grasses, application of this product should be delayed until after second mowing. Furthermore, application rates in excess of 16 fl. oz. . (0.5 lb. a.e.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustinegrass.

In areas where roots of sensitive plants extend, do not apply in excess of 4 fl. oz. (0.125 lbs. a.e.) of this product per treated acre oncoarse-textured (sandy-type) soils, or in excess of 8 fl. oz. (0.25 lbs. a.e.) per treated acre on fine-textured (clay-type) soils. Do not make repeat applications in these areas for 30 days and until previous applications of this product have been activated in the soil by rain or irrigation.

Weeds Controlled
When applied at specified rates, will give control of many annual, biennial, and noted (*) perennial broadleaf weeds commonly found in turf. This product will also give growth suppression of many other listed perennial broadleaf weeds and woody brush and vine species, refer to **Table 1.** Refer to **Table 2** or **Table 10** for rates based on targeted weed or brush species and growth stage. Some weed species will require tank mixes for adequate control

Mixing and Application
Apply 30 to 200 gals. of diluted spray per treated acre (3 quarts. to 4-1/4 gals. on 1 ,000 sq. ft.), depending on density or height of weeds treated and on the type of equipment used.

Rates and Timings
Use the higher level of listed rate ranges when treating dense vegetative growth.

Table 10: TURF AND LAWN BROADCAST APPLICATION RATES

Weed Stage and Type	Fl. oz. Per Treated Acre (lbs a.e.)	Teaspoon Per 1,000 Square Feet
Annual		
Small, actively growing	8 to 16(0.25 – 0.5)	1 to 2-1/4
Established weed growth	16 to 24 (0.5 -0.75)	2-1/4 to 3-1/4
Biennial* - Rosette diameter		
Less than 3 inches	8 to 16 (0.25 – 0.5)	1 to 2-1/4
3 inches or more	16 to 32 (0.5 – 1.0)	2-1/4 to 4-1/2
Perennial, Woody Brush and Vines	16 to 32 (0.5 – 1.0)	2-1/4 to 4-1/2

*For best performance, make application when biennial weeds are in the rosette stage.

For best performance, apply when weeds are emerged and actively growing.

Tank Mix Treatments
READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS. Consult product labels for rate recommendations for tank mix partners. OBSERVE ALL PRECAUTIONS AND RESTRICTIONS ON THE PRODUCT LABELS. ALWAYS FOLLOW THE MOST RESTRICTIVE LABEL IN A TANK MIX.

Tank mix treatments of this product may be made with 2,4-D, MCPA, MCPP, triclopyr, clopyralid or bromoxynil for control of additional weeds listed on the tank mix product label.

Use the higher level of the listed rate ranges when treating established weeds..

Noncrop Areas Restrictions

Turf and Lawns DO NOT exceed 32 fl. oz. (1 lb. a.e.) of this product per treated acre during the growing season.

Maximum Number of Applications: Up to 4 (application rate dependent).

Noncrop areas (rights-of-ways, utility, industrial areas, fencerows), : DO NOT exceed a total of 64 fl. oz.(2 lbs. a.e.) of this product per treated acre during a year.
Maximum Number of Applications: Up to 2 (application rate dependent).

PESTS IN THIS LABEL

Common Name	Scientific Name
Annuals:	
Alkanet	*Lithospermum arvense*
Amaranth, Palmer	*Amaranthus palmeri*
Powell	*Amaranthus powellii*
Spiny	*Amaranthus spinosus*
Aster, Slender	*Aster subulatus*
Bedstraw, Catchweed	*Galium aparine*
Beggarweed, Florida	*Desmodium tortuosum*
Broomweed, Common	*Gutierezia dracunculoides*
Buckwheat, Tartary	*Fagopyrum tatarium*
Wild	*Polygonum convolulus*
Buffalobur	*Solanum rostratum*
Burclover, California	*Medicago polymorpha*
Burcucumber	*Sicyos angulatus*
Buttercup, Corn	*Ranunculus arvensis*
Creeping	*Ranunculus repens*
Roughseed	*Ranunculus muricatus*
Western Field	*Ranunculus occidentalis*
Carpetweed	*Mullugo verticillata*
Catchfly, Nightflowering	*Silene noctiflorum*
Chamomile, Corn	*Anthemis arvensis*
Chervil, Bur	*Anthriscus caucalis*
Chickweed, Common	*Stellaria media*
Clovers	*Trifolium* spp.
Cockle, Corn	*Agrostemma githago*
Cow	*Vaccaria pyramidata*
White	*Melandrium album*
Cocklebur, Common	*Xanthium strumarium*
Copperleaf, Hophornbeam	*Acalypha ostryifolia*
Cornflower (Bachelor Button)	*Centaurea cyanus*
Croton, Tropic	*Croton glandiola*
Woolly	*Croton capitatus*
Daisy, English	*Bellis perennis*
Dragonhead, American	*Dracocephalum parvffiorum*
Eveningprimrose, Cutleaf	*Oenothera laciniata*
Falseflax, Smallseed	*Camelina microcarpa*
Fleabane, Annual	*Erigeron annuus*
Flixweed	*Descurainia sophia*
Fumitory	*Fumaria officinalis*
Goosefoot, Nettleleaf	*Chenopodium murale*
Hempnettle	*Galeopsis tetrahit*
Henbit	*Lamium amplexicaule*
Jacob's Ladder	*Polemonium caeruleum*
Jimsonweed	*Datura stramonium*
Knawel (German Moss)	*Scleranthus annuus*
Knotweed, Prostrate	*Polygonum aviculare*
Kochia	*Kochia scoparia*
Ladysthumb	*Polygonum persicaria*
Lambsquarters, Common	*Chenopodium album*
Lettuce, Miners	*Claytonia perfoliata*
Prickly	*Lactuca serriola*
Mallow, Common	*Malva neglecta*
Venice	*Hibiscus trionum*
Marestail (Horseweed)	*Hippurus vulgaris*
Mayweed	*Anthemis cotula*
Morningglory, Ivyleaf	*1pomea hederacea*
Tall	*Ipomea purpurea*
Mustard, Black	*Brassica nigra*
Blue	*Chorispora tenella*
Tansy	*Descurainia pinnata*
Treacle	*Erysimum repandum*
Tumble	*Sisymbriumm altissimum*
Wild	*Sinapis arvensis*
Nightshade, Black	*Solanum nigrum*
Cutleaf	*Solanum triflorum*

Common Name	Scientific Name
Annuals *(continued):*	
Pennycress, Field (Fanweed, Frenchweed, Stinkweed)	*Thlaspi arvense*
Pepperweed, Virginia (Peppergrass)	*Lepidium virginicum*
Pigweed, Prostrate	*Amaranthus blitoides*
Redroot (Carelessweed)	*Amaranthus retroflexus*
Smooth	*Amaranthus hybridus*
Tumble	*Amaranthus albus*
Pineappleweed	*Matricaria matricarioides*
Poorjoe	*Diodia teres*
Puncturevine	*Tribulus terrestris*
Purslane, Common	*Portulaca oleracea*
Pusley, Florida	*Richardia scabra*
Radish, Wild	*Raphanus raphanistrum*
Ragweed, Common	*Ambrosia artemisiifolia*
Giant (Buffaloweed)	*Ambrosia trifida*
Lance-Leaf	*Ambrosia bidentata*
Ragwort, Tansy	*Senecia jacobea*
Rocket, London	*Sisymbrium irio*
Yellow	*Barbarea vulgaris*
Rubberweed, Bitter	*Hymenoxys oderata*
Salsify	*Tragopogon porrifolius*
Sesbania, Hemp	*Sesbania exaltata*
Shepherdspurse	*Capsella bursa-pastoris*
Sicklepod	*Cassia obtusifolia*
Sida, Prickly (Teaweed)	*Sida spinosa*
Smartweed, Green	*Polygonum scabrum*
Pennsylvania	*Polygonum pensylvanicum*
Sneezeweed, Bitter	*Helenium amurum*
Sowthistle, Annual	*Sonchus oleraceus*
Spiny	*Sonchus asper*
Spikeweed, Common	*Hemizonia pungens*
Spurge, Prostrate	*Euphorbia humistrata*
Spurry, Corn	*Spergula arvensis*
Starbur, Bristly	*Acanthospermum hispidum*
Starwort, Little	*Stellaria graminea*
Sumpweed, Rough	*Iva cilliata*
Sunflower, Common (Wild)	*Helianthus annuus*
Thistle, Russian	*Salsola iberica*
Velvetleaf	*Abutilon theophrasti*
Waterhemp, Common	*Amaranthus rudis*
Tall	*Amaranthus tuberculatus*
Waterprimrose, Winged	*Ludwigia decurrens*
Wormwood	*Artemisia annua*
Biennials:	
Burdock, Common	*Arctium minus*
Carrot, Wild (Queen Anne's Lace)	*Daucus carota*
Cockle, White	*Melandrium album*
Eveningprimrose, Common	*Oenothera biennis*
Geranium, Carolina	*Geranium carolinianum*
Gromwell	*Lithospermum* spp.
Knapweed, Diffuse	*Cantaurea diffusa*
Spotted	*Cantaurea maculosa*
Mallow, Dwarf	*Malva borealis*
Plantain, Bracted	*Plantago aristata*
Ragwort, Tansy	*Senecio jacobaea*
Starthistle, Yellow	*Centaurea solstitialis*
Sweetclover	*Melilotus* spp.
Teasel	*Dipsacus sativus*
Thistle, Bull	*Cirsium vulgare*
Musk	*Carduus nutans*
Plumeless	*Carduus acanthoides*

PESTS IN THIS LABEL (continued)

Common Name	Scientific Name
Perennials:	
Alfalfa	*Medicago sativa*
Artichoke, Jerusalem	*Helianthus tuberosus*
Aster, Spiny	*Aster spinosus*
Whiteheath	*Aster pilosus*
Bedstraw, Smooth	*Gallium mollugo*
Bindweed, Field	*Convolvulus arvensis*
Hedge	*Calystegia sepium*
Blueweed, Texas	*Helianthus ciliaris*
Bursage, Woollyleaf, (Bur Ragweed, Povertyweed)	*Ambrosia grayi*
Buttercup, Tall	*Ranunculus acris*
Campion, Bladder	*Silene vulgaris*
Chickweed, Field	*Cerastium arvense*
Mouseear	*Cerastium vulgatum*
Chicory	*Cichorium intybus*
Clover, Hop	*Trifoleum aureum*
Dandelion	*Taraxacum officinale*
Dock, Broadleaf (Bitterdock)	*Rumex obtusifolius*
Curly	*Rumex crispus*
Dogbane, Hemp	*Apocynum cannabinum*
Dogfennel (Cypressweed)	*Eupatorium capillifolium*
Fern, Bracken	*Pteridium aquilinum*
Garlic, Wild	*Allium vineale*
Goldenrod, Canada	*Solidago canadensis*
Missouri	*Solidago missouriensis*
Goldenweed, Common	*Isocoma coronopifolia*
Hawkweed	*Hieracium* spp.
Henbane, Black	*Hyoscyamus niger*
Horsenettle, Carolina	*Solanum caroliniense*
Ironweed	*Vemonia* spp.
Knapweed, Black	*Centaurea nigra*
Russian	*Centaurea repens*
Milkweed, Common	*Asclepias syriaca*
Honeyvine	*Ampelamus albidus*
Western Whorled	*Asclepias subverticillata*
Nettle, Stinging	*Urtica dioica*
Nightshade, Silverleaf (White Horsenettle)	*Solanum elaeagnifolium*
Onion, Wild	*Allium canadense*
Plantain, Broadleaf	*Plantago major*
Buckhorn	*Plantago lanceolata*
Pokeweed	*Phytolacea americana*
Ragweed, Western	*Ambrosia psilstachya*
Redvine	*Brunnichia ovata*
Sericea Lespedeza	*Lespedeza cuneata*
Smartweed, Swamp	*Polygonum coccineum*
Snakeweed, Broom	*Gutierezia sarothrae*
Sorrel, Red (Sheep Sorrel)	*Rumex acetosella*
Sowthistle, Perennial	*Sonchus arvensis*
Spurge, Leafy	*Euphorbia esula*
Sundrops	*Oenothera perrenis*
Thistle, Canada	*Cirsium arvense*
Scotc	*Onopordum acanthium*
Toadflax, Dalmatian	*Linaria genistrata*
Tropical Soda Apple	*Solanum viarum*
Trumpetcreeper (Buckvine)	*Campsis radicans*
Vetch	*Vicia* spp.
Waterhemlock, Spotted	*Cicuta maculata*
Waterprimrose, Creeping	*Ludwigia peploides*
Woodsorrel, Creeping	*Oxalis corniculata*
Yellow	*Oxalis stricta*
Wormwood Absinth	*Artemesia absinthium*
Louisiana	*Artemesia ludoviciana*
Yankeeweed	*Eupatorium compositifolium*
Yarrow, Common	*Achillea millefolium*

Common Name	Scientific Name
Woody Species:	
Alder	*Alnus* spp.
Ash	*Fraxinus* spp.
Aspen	*Populus* spp.
Basswood	*Tilia americana*
Beech	*Fagus* spp.
Birch	*Betula* spp.
Blackberry	*Rubus* spp.
Blackgum	*Nyssa* spp.
Cedar	*Cedrus* spp.
Cherry	*Prunus* spp.
Chinquapin	*Chrysolepis chrysophylla*
Cottonwood	*Populus deltoides*
Creosotebush	*Larrea tridentata*
Cucumbertree	*Magnolia acuminata*
Dewberry	*Rubus caesius*
Dogwood	*Corpus* spp.
Elm	*Ulmus* spp.
Grape	*Vitus* spp.
Hawthorn (Thornapple)	*Crataegus* spp.
Hemlock	*Tsuga* spp.
Hickory	*Carya* spp.
Honeylocust	*Gleditsia triacanthos*
Honeysuckle	*Lonicera* spp.
Hornbeam	*Carpinus* spp.
Huckleberry	*Vaccinium arboreum*
Huisache	*Acacia farnesiana*
Ivy, Poison	*Rhus radicans*
Kudzu	*Pueraria lobata*
Locust, Black	*Robinia pseudoacacia*
Maple	*Acer* spp.
Mesquite	*Prosopis ruscifolia*
Oak	*Quercus* spp.
Oak, Poison	*Rhus toxicodendron*
Olive, Russian	*Eleaegnus angustifolia*
Persimmon, Eastern	*Diospyros virginiana*
Pine	*Pinus* spp.
Plum, Sand (Wild Plum)	*Prunus amygdalis*
Poplar	*Populus* spp.
Rabbitbrush	*Chtysothamnus pulchellus*
Redcedar, Eastern	*Juniperus virginiana*
Rose, McCartney	*Rosa bracteata*
Multiflora	*Rosa multifiorum*
Sagebrush, Fringed	*Artemisia frigida*
Sassafras	*Sassafras albidum*
Serviceberry	*Amelanchier sanguinea*
Spicebush	*Lindera benzoin*
Spruce	*Picea* spp.
Sumac	*Rhus* spp.
Sweetgum	*Liquidamber styraciflua*
Sycamore	*Platanus occidentalis*
Tarbush	*Flourensia cernua*
Willow	*Salix* spp.
Witchhazel	*Hamamelis macrophylla*
Yaupon	*Ilex* spp.
Yucca	*Yucca* spp.

CROPS

This product can be used on the following:

- Asparagus
- Corn (Not registered for use on Sweet Corn)
- Cotton
- Fallow Systems (Between Crop Applications)
- Grass Grown for Seed
- Proso Millet
- Small Grains (Barley, Oat, Triticale and Wheat)
- Sorghum
- Soybean
- Sugarcane
- Conservation Reserve Program (CRP)
- Pastures, Rangeland, General Farmstead
- Rights-of-way, Utility, Industrial Areas, Fencerows, and Other Noncrop
- Cut Surface Tree Treatments
- Dormant Applications for Control of Multiflora Rose
- Forest Site Preparation
- Turf: (Sod, lawns, and golf courses)

Look inside for complete **RESTRICTIONS AND LIMITATIONS** and **APPLICATION INSTRUCTIONS.**

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal, Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

PESTICIDE STORAGE: Groundwater contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material. Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides.

PESTICIDE DISPOSAL: Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures under Subtitle C of the Resource Conservation and Recovery Act. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law.

CONTAINER DISPOSAL:

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Disposal (Container Handling) statements] "NOTE: This product is available in multiple containers. Refer to the Net Contents section of this products labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container disposal [handling] instructions below that apply to your container type / size.

[Note to Reviewer: The bracketed section headers will be included when multiple container types / sizes are listed on the label.]

[Nonrefillable Containers 5 Gallons or Less:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. 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 1/4 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows**: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. Turn the container over onto its other 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 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.

[Refillable containers larger than 5 gallons:] Refillable container. 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 a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Or

[Refillable Container:] Refill this container with pesticide only. Do not reuse this container for any other purpose. Close all openings and replace all caps. Contact Nufarm's Customer Service Department at 1-800-345-3330 to arrange for return of the empty refillable container.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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(RVxxx1)

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