

71368-31

3/20/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

71368-31

Date of Issuance:

20 MAR 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Credit Master Herbicide

Name and Address of Registrant (include ZIP Code):

Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) Place the First Aid statements in the following order: If in Eyes, If Swallowed, and If on Skin or Clothing.

Signature of Approving Official:

Joanne J. Miller

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

Date:

20 MAR 2009

3) The text "Wear protective eyewear such as goggles, face shield or safety glasses" appearing in the Hazards to Humans and Domestic Animals statements must be deleted from this section of the label because it is incomplete and is duplicated elsewhere on the label.

4) The mechanical transfer engineering control text is no longer needed and should be deleted from the label.

The following text must be added to the engineering control section:

"Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40CFR 170.240 (d)(6)."

5) The first two sentences of the Environmental Hazard section must be revised to read:

"This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark."

6) Because the label contains directions for use for sites not within the scope of WPS (farmsteads, ditches, and fencerows), a Non-Agricultural Use Requirements box must be added to label with the following entry restriction text:

"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. Do not enter or allow others to enter the treated area until sprays have dried."

7) To the Storage and Disposal section a subheading "Container Disposal" must be added before the statement "Emptied container retains vapor and product residue ... or destroyed".

8) Per the 2,4-D RED, the following restrictions must be added to the label for non-cropland use (farmstead, ditches and fencerows) and any conflicting text must be deleted:

"Postemergence (annual and perennial weeds):
Limited to 2 applications per year.
Maximum of 2.0 lbs ae per acre per application.
Minimum of 30 days between applications.

Postemergence (woody plants):
Limited to 1 application per year.
Maximum of 4.0 lbs ae per acre per year."

9) On page 4, 5, and 7 change “recommended rates” to “specified rates”.

10) To the label add “Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et. al. v. EP, C01-0132C, (W.D. WA). For further information, please refer to <http://www.epa.gov/espp/>”.

Submit one copy of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

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Credit[®] Master

Herbicide

FOR SUPPRESSION OF EMERGED FIELD BINDWEED AND CONTROL OR SUPPRESSION OF OTHER WEEDS IN FALLOW AND REDUCED TILLAGE SYSTEMS.

ACTIVE INGREDIENT:

Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt*	12.9%
2,4-D, 2,4-dichlorophenoxyacetic acid, in the form of its isopropylamine salt **	20.6%
OTHER INGREDIENTS:	66.5%
TOTAL:	100.0%

*Contains 144 grams per litre or 1.2 lbs per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt and equivalent to 108 grams per litre or 0.9 lb per U.S. gallon of the acid, glyphosate.

**Contains 227 grams per litre or 1.9 lbs per U.S. gallon of the active ingredient 2,4-D, in the form of its isopropylamine salt and 182 grains per litre or 1.5 lbs per U.S. gallon of the acid, 2,4-D. Isomer specific by AOAC Method No. 978.05 (15Ed.)

KEEP OUT OF REACH OF CHILDREN

WARNING

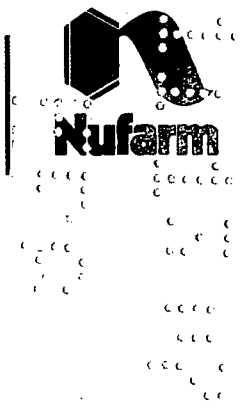
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

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

EPA REG. NO. 71368-31
EPA EST. NO. 228-IL-1

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



NET CONTENTS GALLONS

071368-00031:20071105.EPA24D.Pending

ACCEPTED
with COMMENTS
in EPA Letter Dated

20 MAR 2009

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

71368-31

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eyewear such as goggles, face shield, or safety glasses.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- long-sleeved shirt and long pants,
- shoes and socks, plus
- chemical resistant gloves, when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no 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 Statements:

For containers of over 1 gallon, but less than 5 gallons: Mixers and loaders who do not use a mechanical system (such as probe and pump or spigot) to transfer the contents of this container must wear coveralls or chemical-resistant apron in addition to other required PPE.

For containers of 5 gallons or more: Do not open pour product from this container. A mechanical system (such as probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4)], the handler PPE requirements may be reduced or modified as specified in the WPS. When handlers use enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS	
Users Should:	
<ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water. • 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	<ul style="list-style-type: none"> • Call 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 IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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.

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.

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ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

PHYSICAL OR CHEMICAL HAZARDS

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 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, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear.

GENERAL INFORMATION

Credit Master Herbicide is a postemergence herbicide for control or suppression of emerged weeds in fallow and reduced tillage systems, prior to planting or emergence of wheat, barley, corn, oats, rye or sorghum (grain or forage), and as a spot treatment in corn, sorghum, forage grasses or forage legumes.

Do not harvest or feed treated vegetation for 8 weeks after application. Following spot treatment in forage grasses or legumes, allow 30 days before harvesting or grazing domestic livestock.

This product enters the plant through the foliage and moves throughout the plant. Visual effects of control are a gradual wilting or yellowing of the plant, which advances to complete browning of above-ground growth and deterioration of affected underground plant parts. Visible symptoms will usually develop within 2 to 4 days after application, but may not occur for 7 or more days. Extremely cool or cloudy weather following treatment may slow activity of this product and delay the visual effects of control.

APPLICATION PRECAUTIONS AND WARNINGS

- AVOID CONTACT WITH FOLIAGE OF CROP OR OTHER DESIRABLE VEGETATION SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.
- Do not plant any crop other than wheat, barley, corn, oats, rye or sorghum (grain or forage) for 3 months after treatment or until this product has disappeared from the soil.
- Applications of this product after planting and prior to crop emergence may cause crop injury if rainfall or environmental conditions delaying crop emergence are experienced.
- This product is recommended for control of emerged weeds prior to establishment of labeled crops. Large amounts of green or decaying vegetation left standing or incorporated into the seedbed may enhance the development of disease in newly planted crops. This may result in poor emergence and/or stands, especially under cool and/or wet conditions.
- Spraying early to control young weeds before dense stands develop or light cultivation to assist weed decay will favor preparation of suitable seedbeds.
- In reduced tillage and no-till systems, ensure good seed to soil contact and proper seeding depth.
- Do not feed or forage vegetation from treated areas for 8 weeks following application.
- DO NOT APPLY IN THE VICINITY OF 2,4-D SENSITIVE CROPS SUCH AS COTTON, GRAPES, TOMATOES AND OTHER DESIRABLE VEGETATION.
- Applications should be made only when there is no hazard from spray drift, since very small quantities of spray, which may not be visible, may severely injure susceptible crops or desirable vegetation.

- The likelihood of injury occurring to adjacent crops from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour, or when other conditions including lesser wind velocities will favor spray drift.
- Movement of this product on soil particles during windstorms may cause damage to susceptible plants that are contacted. This hazard is reduced if rainfall occurs shortly after application.

Credit Master Herbicide is subject to all state and county regulations for 2,4-D amine.

Plant only labeled crops within 29 days following application.

Limited to 2 applications per year.

Maximum of 10 pints per acre per application.

Minimum of 30 days between applications.

TIMING OF APPLICATION

This product should be applied postemergence to vigorously growing weeds when they have reached the recommended size given in the "RECOMMENDED RATES AND WEEDS CONTROLLED" section of this label. Application should be delayed until maximum emergence of the target weeds, but before weeds exceed the maximum size recommended. For annual weeds, allow 1 day after treatment before tillage. For field bindweed, allow at least 7 days after treatment before tillage.

Reduced control may result if treatments are made during poor growing conditions such as drought stress, disease or insect damage or if weeds have been mowed, grazed or cut. Heavy dust on foliage or an overstory canopy covering targeted weeds may also reduce control.

Rainfall or irrigation occurring within 6 hours after application may reduce effectiveness. Heavy rainfall or irrigation within 2 hours after application will wash this product off the foliage and a repeat treatment will be required.

RECOMMENDED RATES AND WEEDS CONTROLLED

For best results, apply this product after most weed seeds have germinated but before seedhead formation in grasses or flower bud formation in broadleaves.

When applied as directed, this product will provide control or suppression of the grass and broadleaf weed species listed below. Rates recommended are for maximum weed height at treatment time.

PERENNIAL WEED SPECIES	RATE PER ACRE (FLUID OUNCES)	CREDIT MASTER LENGTH OF VINES/ TREATMENT HEIGHT
Bindweed, field** <i>Convolvulus arvensis</i>	54 oz. (suppression only)	6" to 18"
Spurge, leafy	54 oz. (suppression only)	post bloom

ANNUAL WEED SPECIES	RATE PER ACRE (FLUID OUNCES)	MAXIMUM HEIGHT
Foxtail, green <i>Setaria viridis</i>	27 oz.	12"
Barley <i>Hordeum vulgare</i> Brome, downy* <i>Bromus tectorum</i> Cheat* <i>Bromus secalinus</i> Foxtail <i>Setaria spp.</i> Kochia* <i>Kochia scoparia</i> Lettuce, prickly* <i>Lactuca serriola</i> Oats, wild <i>Avenafatua</i> Puncturevine <i>Tribulus terrestris</i>	40 oz.	6"

ANNUAL WEED SPECIES	RATE PER ACRE (FLUID OUNCES)	MAXIMUM HEIGHT
Purslane, common <i>Portulaca oleracea</i> Cocklebur <i>Xanthium strumarium</i>	40 oz.	12"
Lambsquarters <i>Chenopodium album</i> Mustard, tansy <i>Descuraini apinnata</i> Mustard, tumble <i>Sisymbrium altissimum</i> Pigweed, redroot <i>Amaranthus retroflexus</i> Pigweed, smooth <i>Amaranthus hybridus</i> Rye <i>Secale cereale</i> Stinkgrass <i>Eragrostis cilianensis</i> Thistle, Russian <i>Salsola kali</i> Wheat <i>Triticum aestivum</i>	40 oz.	12"

ANNUAL WEED SPECIES	RATE PER ACRE (FLUID OUNCES)	CREDIT MASTER LENGTH OF VINES/ TREATMENT HEIGHT
Barnyardgrass <i>Echinochloa crus-galli</i> Buffalobur <i>Solanum rostratum</i> Goatgrass <i>Aegilops cylindrica</i> Mustard, blue <i>Chorispora tenella</i> Panicum, fall <i>Panicum dichotomiflorum</i>	54 oz.	6"
PERENNIAL WEED SPECIES		
Witchgrass <i>Panicum capillare</i>	54 oz.	6"
Oats, wild <i>Avena fatua</i>	54 oz.	12"

*For improved control in no-till systems or heavy infestations or overwintered stands, use 54 fluid ounces. For best results on light kochia infestations, treat after the plant has passed through the woolly stage of growth and is 3 to 6 inches in height. When treating medium to heavy infestations or plants that are in the woolly stage (1 to 3 inches in height), add 2 fluid ounces of Banvel™ or dicamba to the recommended rate of Credit Master. Refer to the Banvel or dicamba label for planting, cropping and other restrictions. Follow all precautions on the Banvel or dicamba label.

**Credit Master may also be used as a 1 percent solution on a spray-to-wet basis for annual weed control and field bindweed suppression. Spray coverage should be uniform and complete. Do not spray to the point of runoff.

Prepare the desired volume of spray by mixing the amount of Credit Master in clean water as shown in the following table:

SPRAY SOLUTIONS

DESIRED VOLUME	AMOUNT OF CREDIT MASTER
1 gallon	1-1/3 fluid ounces
25 gallons	1 quart
100 gallons	1 gallon

2 tablespoons = 1 fluid ounce

SPOT TREATMENT

Applications in growing crops must be made prior to heading of small grains and grain sorghum (milo) and silking of corn.

For applications in forage grasses and legumes, apply in areas where the movement of domestic livestock can be controlled. No more than one-tenth of any acre should be treated at one time. Further applications may be made in the same area at 30 day intervals. Remove domestic livestock before application and wait 30 days after application before grazing livestock or harvesting.

ECOFARMING SYSTEMS

The Ecofarming System consists of the following rotation: winter wheat, corn/sorghum, ecofallow.

Use the following tank mixtures for control of emerged annual weeds before planting corn or sorghum in the Ecofarming System.

Credit Master at 54 to 64 fluid ounces per acre plus

ATRAZINE at 0.75 to 1 pound active ingredient per acre plus

LASSO® at 2.5 to 3 quarts per acre

The above tank mixtures should be applied in 28-0-0 or 32-0-0 liquid fertilizer carrier at 20 to 30 gallons per acre. The liquid fertilizer may be diluted with water to achieve the desired carrier volume.

WEEDS CONTROLLED - The following weeds, up to a maximum height of 4 inches, will be controlled:

Brome, downy
Bromus tectorum
Cheat
Bromus secalinus
Foxtail, green
Setaria viridis

Foxtail, yellow
Setaria lutescens
Kochia*
Kochia scoparia
Lettuce, prickly
Lactuca serriola

Pigweed, redroot
Amaranthus retroflexus
Thistle, Russian
Salsola kali
Wheat, volunteer
Triticum aestivum

*For improved control of kochia, add 4 fluid ounces per acre (0.125 pound ai. per acre) of Banvel or dicamba to the above tank mixture.

Risk of crop injury from 2,4-D or Banvel or dicamba can be reduced by applying this treatment 7 to 14 days before planting.

Refer to the label booklet for Lasso herbicide for preemergence weed control achieved by this tank mixture.

Refer to the specific product labels for crop rotation restrictions and cautionary statements for all products in these mixtures.

POSTHARVEST APPLICATIONS

This product will provide control of weeds following grain harvest. Weeds should be allowed to regrow after damage incurred during harvest operations and to recover from environmental stress before application of this product. Weeds should be treated prior to the heading stage of annual grasses and before broadleaf weeds exceed 24 inches in height. Ammonium sulfate will improve performance on annual weeds under stress conditions.

Weeds controlled with 40 fluid ounces per acre include downy brome, green foxtail, stinkgrass and volunteer wheat.

Weeds controlled with 54 fluid ounces per acre include field bindweed, kochia, lambsquarters, mustard, pigweed and Russian thistle.

Weeds controlled with 64 fluid ounces per acre include barnyardgrass, sandbur, witchgrass, yellow foxtail and prickly lettuce.

FARMSTEADS, DITCHES AND FENCEROWS

When applied as directed, this product will control downy brome, bulbous bluegrass, tumble mustard, tansy mustard and prickly lettuce, and provide suppression of crested wheatgrass, smooth bromegrass and field bindweed.

Use a 1 percent solution of this product for spray-to-wet, spot-spraying applications. Spray coverage should be uniform and complete. Do not spray to the point of runoff. Treat when weeds are small, actively growing and free of dust. Use 108 fluid ounces of this product in 5 to 10 gallons of water per acre for broadcast boom applications.

AID TO TILLAGE

This product, used in conjunction with preplant and conventional fallow tillage practices will provide control of downy brome, cheat, volunteer wheat, tansy mustard and foxtail. Apply 27 fluid ounces of this product in 3 to 10 gallons of water per acre to weeds that are actively growing. Treat when weeds are less than 6 inches in height. Application must be followed by conventional tillage practices before regrowth of the treated plant occurs. Allow at least 1 day after application before tillage.

AMMONIUM SULFATE

The addition of 1 to 2 percent dry ammonium sulfate by weight (or liquid equivalent) or 8.5 to 17 pounds per 100 gallons of water may increase the performance of Credit Master and Credit Master herbicide tank mixtures on annual weeds. The improvement in performance may be apparent where environmental stress is a concern. Low-quality ammonium sulfate may contain material that will not readily dissolve which could result in nozzle tip plugging. To determine quality, perform a jar test by adding 1/3 cup of ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve the ammonium sulfate in water and filter prior to addition to the spray tank. If ammonium sulfate is added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet line. ENSURE THAT AMMONIUM SULFATE IS COMPLETELY DISSOLVED IN THE SPRAY TANK BEFORE ADDING HERBICIDES. THOROUGHLY RINSE THE SPRAY SYSTEM WITH CLEAN WATER AFTER USE TO REDUCE CORROSION.

NOTE: Compatibility problems may occur at carrier volumes below 5 GPA.

APPLICATION EQUIPMENT

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

This product may be applied using either ground, aerial spray or hand-held equipment. Use extreme care to avoid misting or drifting of herbicide solution onto foliage, green stems or fruit of desirable crops, trees, or plants during both growing and dormant periods since even very small quantities of spray can cause severe plant injury.

GROUND APPLICATION: Apply recommended rates of this product in 3 to 10 gallons of water per acre as a broadcast spray. For optimum spray distribution and coverage, use flat fan or low volume flood nozzles. When using flood nozzles, space them no more than 40 inches apart and ensure double overlap of spray pattern. Refer to the manufacturer's recommendations for correct pressure and nozzle height above the target canopy. Avoid pressure and nozzles which produce fine droplets or mist.

Use appropriate marking devices to ensure uniform spray coverage and best results from Credit Master herbicide.

HAND-HELD and HIGH-VOLUME EQUIPMENT (use coarse sprays only): Mix this product in clean water and apply to foliage of vegetation to be controlled. For applications made on a spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff. Use a 1 percent solution for annual weed control and field bindweed suppression.

AERIAL APPLICATION: Apply the recommended rates of this product in 3 to 5 gallons of water per acre as a broadcast spray.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

MIXING INSTRUCTIONS

CREDIT MASTER ALONE

Fill the spray tank to about 3/4 of the desired volume with clean water. Add the recommended amount of Credit MASTER herbicide, then complete the filling process while maintaining agitation. Remove the hose from the mix tank immediately after filling to avoid siphoning back into the carrier source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, terminate by-pass and return lines at the tank bottom and/or use an agriculturally approved anti-foam or defoaming agent.

Additional surfactant is not necessary for this formulation.

NOTE: Reduced control may occur if water containing soil is used, such as water from ponds and unlined ditches.

TANK MIXTURES

Always predetermine the compatibility of labeled tank mixtures of this herbicide with water carrier by mixing small proportional quantities in advance.

Mix labeled tank mixtures of Credit Master herbicide with water as follows:

1. Place a 20 to 35 mesh screen or wetting basket over filling port.
2. Through the screen, fill the sprayer tank one-half full with water and start agitation.
3. If a wettable powder is used, make a slurry with the water carrier, and add it SLOWLY through the screen into the tank. Continue agitation.
4. If a flowable formulation is used, premix one part flowable with one part water. Add diluted mixture SLOWLY through the screen into the tank. Continue agitation.
5. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water. Add diluted mixture SLOWLY through the screen into the tank. Continue agitation.
6. Continue filling the sprayer tank with water and add the required amount of Credit Master herbicide near the end of the filling process.
7. Add individual formulations to the spray tank as follows: wettable powder, flowable, emulsifiable concentrate, drift control additive, water soluble liquid.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed. Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle should be no finer than 100 mesh and in-line strainers should be no finer than 50 mesh. Carefully select proper nozzle to avoid spraying a fine mist. For best results with conventional ground application equipment, use flat fan nozzles.

Check label of all products used in tank mix for cleaning instructions. Clean as per the hardest material to remove.

SPRAYER CLEANUP

CLEAN THE ENTIRE SPRAYER AFTER APPLICATION OF THIS PRODUCT. Failure to clean the sprayer thoroughly may result in injury to desirable crops which are subsequently sprayed.

First, add clean water to the tank and thoroughly rinse the entire sprayer system. Secondly, fill the tank with water and ammonia. Add 1 quart of household ammonia per 25 gallons of water. Pump enough solution through the hoses, boom and nozzles to fill these parts completely. Then fill the tank, close and leave for 24 hours before draining and rinsing thoroughly with water.

Application or use of other agricultural chemicals with the equipment used for this product may result in injury to desirable vegetation.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. **PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE.** The maintenance of an organic coating (paint) which meets aerospace specification MIL-C-38413 may prevent corrosion.

REFORMULATION IS PROHIBITED. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides or fungicides.

PESTICIDE STORAGE: STORE ABOVE 40°F to keep product in solution. If crystals form, place in a warm room (72°F), allow the product to reach room temperature and roll or shake periodically until crystals have dissolved. Keep container closed to prevent spills and contamination.

For bulk containers, see the container label for alternate storage information.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate ground water. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

PLASTIC BOTTLES AND NON-RETURNABLE PLASTIC DRUMS: Do not reuse container. Triple rinse container. Then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RETURNABLE / REFILLABLE CONTAINERS: After use, return the container to the point of purchase or designated locations. The container must only be refilled with this product. DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE. Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation. If the container is not being refilled, return it to the point of purchase.

WARRANTY DISCLAIMER

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