## **DowElanco Garlon\***4

For the control of woody plants and broadleaf weeds on rights-of-way, industrial sites, non-crop areas, non-irrigation ditch banks, forests, and wildlife openings, including grazed areas on these sites

#### **Precautionary Statements**

Hazards to Humans and Domestic Animals

#### CAUTION

Harmful If Swallowed, Inhaled Or Absorbed Through Skin

is oid contact with eyes, skin, or clothing. It is breathing mists or vapors. Avoid contamination of food. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

#### **Specialty Herbicide**

#### First Aid

If on skin: Flush skin with plenty of water. Get medical attention if irritation persists. If swallowed: Do not induce vomiting. Call a physician.

#### Physical or

Chemical Hazards
Combustible — Do not use or store
near heat or open flame. Do not cut or
weld container.

#### **Environmental Hazards**

This pesticide is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

Refer to inside of label booklet for additional precautionary information and Directions for Use including STORAGE AND DISPOSAL.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

In case of an emergency endangering life or property involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-40 EPA Est. 464-MI-1 38322 900-000296

\*Trademark of DowElanco
DowElanco • Indianapolis, IN 46268,

#### ACCEPTED

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Undo: the Federal Insecticide.
Fungici ie. and Rodenticide Act.
as amended, for the pesticide
registered under
LPA Reg. No. 67-719-46



## Garlon\* 4

Vegetation Management

For the control of woody plants and broadleaf weeds pn rights-of-way, industrial sites, non-crop areas, non-crigation ditch banks, forests, and wildlife openings, including grazed areas on these sites

Rative Ingredient:

Contains petroleum distillates.

Keep Out of Reach of Children CAUTION

Refer to inside of label booklet for additional precautionary information and Directions for U including STORAGE AND DISPOSAL.

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EPA Est. 464-900-00

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pecialty Herbicide

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#### **Precautionary Statements**

## Hazards to Humans and Domestic Animals

## CAUTION PRECAUCION:

Precaucion al usuario: Si usted no lee inglés, no re este producto hasta que la etiqueta le haya explicada ampliamente.

...armful If Swallowed, Inhaled Or Absorbed Through Skin

Avoid contact with eyes, skin, or clothing.
Avoid breathing mists or vapors. Avoid
contamination of food. Wash thoroughly after
handling. Remove and wash contaminated
clothing before reuse.

#### **First Aid**

If on skin: Flush skin with plenty of water. Get medical attention if irritation persists. If swallowed: Do not induce vomiting. Call a physician.

### Physical or Chemical Hazards

Combustible — Do not use or store near heat or open flame. Do not cut or weld container.

#### **Environmental Hazards**

This pesticide is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### **Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not use for manufacturing or formulating.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Storage:** Store above 28°F or agitate before use.

Pesticide Disposal: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

Plastic Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or 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. Metal Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Container Disposal for Refillable Containers: Replace the dry disconnect cap, if applicable, and seal all openings which have been opened during use. Return the empty container to a collection site designated by DowElanco. If the container has been damaged and cannot be returned according to the recommended procedures, contact the DowElanco Customer Service Center at 1-800-258-1470 to obtain proper handling instructions.



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#### **General Information**

Garlon 4 herbicide is recommended for the control of unwanted woody plants and annual and perennial broadleaf weeds in forests, and on non-crop areas including industrial manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides and railroads, fence rows, non-irrigation ditch banks and around farm buildings. Use on these sites may include application to crazed areas as well as establishment and intenance of wildlife openings.

#### **General Use Precautions**

Apply this product only as specified on this label.

Be sure that use of this product conforms to all applicable regulations.

Before using any recommended tank mixtures, read the directions and all use precautions on both labels.

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

Do not apply Garlon 4 directly to, or otherwise permit it to come into direct contact with grapes, to acco, vegetable crops, flowers or other airable broadleaf plants and do not permit

mists containing it to drift onto them.

Avoid Injurious Spray Drift

Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured. It is suggested that a continuous smoke column at or near the spray site or a smoke generator on the spray equipment be used to detect air

movement, lapse conditions, or temperature inversions (stable air). If the smoke layers or indicates a potential of hazardous spray drift, do not spray.

Aerial Application (Helicopter only): For aerial application on rights-of-way or other areas near susceptible crops, use Nalco-Trol drift control additive as recommended by the manufacturer or apply through the Microfoil boom, Thruvalve boom, or equivalent drift control system. Thickened sprays prepared by using high viscosity invert systems or other drift reducing systems may be utilized if they are made as driftfree as are mixtures containing Nalco-Trol or applications made with the Microfoil boom or Thruvalve boom. If a spray thickening agent is used, follow all use recommendations and precautions on the product label. Do not use a thickening agent with the Microfoil boom, Thruvalve boom, or other systems that cannot accommodate thick sprays.

With aircraft, drift can be lessened by applying a coarse spray; by using a spray boom no longer than 3/4 the rotor length; by spraying only when wind velocities are low; or by using an approved drift control system. Keep operating spray pressures at the lower end of the manufacturer's recommended pressures for the specific nozzle type used. Low pressure nozzles are available from spray equipment manufacturers. Select nozzles and pressures which provide adequate plant coverage, but minimize the production of fine spray particles.

Ground Equipment: To aid in reducing spray drift Garlon 4 should be used in thickened (high viscosity) spray mixtures using Nalco-Trol or Arborchem 38F drift control additive, high viscosity invert systems, or equivalent as directed by the manufacturer. With ground equipment, spray drift can be reduced by keeping the spray

boom as low as possible; by applying 20 gallons or more of spray per acre; and by spraying when wind velocity is low. Do not apply with nozzles that produce a fine droplet spray. Keep operating spray pressures at the lower end of the manufacturer's recommended pressures for the specific nozzle type used. Low pressure nozzles are available from spray equipment manufacturers. Select nozzles and pressures which provide adequate plant coverage, but minimize the production of fine spray particles.

High Volume Leaf-Stem Treatment: To minimize spray drift, keep sprays no higher than sh tops and keep spray pressures low enough to provide coarse spray droplets. Nalco-Trol or A corchem 38F thickening agent or equivalent may be used to reduce spray drift.

Do not apply on ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto agricultural land as injury to crops may result.

Do not graze lactating dairy animals or harvest hay from treated areas for one year following treatment.

Do not graze areas treated with more than 1.5 quarts Garlon 4 per acre for one year following treatment.

V" hdraw livestock from forage treated with 1 quarts or less of Garlon 4 at least 3 days are slaughter during the year of treatment.

Do not apply this product using mist blowers unless a drift control additive, high viscosity inverting system, or equivalent is used to control spray drift.

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#### **Plants Controlled by Garlon 4**

**Woody Plants Controlled** 

alder	choke cherry	madrone	sumac
arrowwood	cottonwood	maples	sweetbay
ash	Crataegus	mulberry	magnolia
aspen	(hawthorn)	oaks	sweetgum
beech	dogwood	persimmon	sycamore
birch	Douglas-fir	pine	tanoak
blackberry	elderberry	poison oak	thimbleberry
blackgum	elm	poplar	tulip poplar
cascara	hazel	salmonberry	wild rose
Ceanothus	hickory	sassafras	willow
cherry	hornbeam	scotch	winged elm
chinquapin	locust	broom	

#### Annual and Perennial Broadleaf Weeds Controlled

black medic	curly dock	matchweed	vetch
bull thistle	dandelion	mustard	wild carrot
burdock	field	Oxalis	(Queen
Canada	bindweed	plantain	Anne's
thistle	goldenrod	ragweed	lace)
chicory	ground ivy	smartweed	wild lettuce
clover	lambsquarters	sweet	wild violet
creeping	lespedeza	clover	yarrow
beggarwee	ed		

#### **Application Directions**

**Foliar Applications** 

Use Garlon 4 at rates of 1 to 8 quarts per acre to control broadleaf weeds and woody plants. In all cases use the amount specified in enough water to give uniform and complete coverage of the plants to be controlled. The recommended order of addition to the spray tank is water, Nalco-Trol (if used), surfactant (if used), additional herbicide (if used), Garlon 4. If surfactant is used, add 1 to 2 quarts per acre of a standard agricultural

surfactant such as Tronic, Sponto 712 or Valent X-77. Use continuous adequate agitation.

Before using any recommended tank mixtures, read the directions and all precautions on both labels.

For best results applications should be made when woody plants and weeds are actively growing. When hard-to-control species such as ash, blackgum, choke cherry, elm, maples (other than vine or big leaf), oaks, pines, or winged elm are prevalent and during applications made uring late summer when the plants are mature, or during drought conditions, use the higher ates of Garlon 4 alone or in combination with

When using Garlon 4 in combination with 3.8 lb/gal 2,4-D low volatile ester herbicide generally the higher rates should be used for satisfactory brush control.

Tordon\* 101 Mixture herbicide.

Use the higher dosage rates when brush approaches an average of 15 feet in height or when the brush covers more than 60% of the area to be treated. If lower rates are used on hard-to-control species, resprouting may occur the year following treatment.

On sites where easy to control brush species minate, rates less than those recommended ay be effective. Consult state or local extension personnel for such information.

#### High-Volume Leaf-Stem Treatment With Ground Equipment

Foliage Treatment

For control of woody plants, use Garlon 4 at the rate of 1 to 3 quarts in water to make 100 gallons of spray mixture, or Garlon 4 at 1½ to 3 pints may

be tank mixed with ¼ to ½ gallons of 3.8 lb/gal 2,4-D low volatile ester herbicide or Tordon 101 Mixture herbicides and diluted to make 100 gallons of spray. Apply at a volume of 100 to 400 gallons of total spray per acre depending on size and density of woody plants. Coverage should be thorough to wet all leaves, stems, and root collars.

## **Broadcast Applications With Ground Equipment**

Make application using equipment that will assure uniform coverage of spray volumes applied.

#### **Woody Plant Control**

Foliage Treatment: Use 4 to 8 quarts of Garion 4 in enough water to make 20 to 100 gallons of total spray per acre, or Garion 4 at 3 pints to 3 quarts may be combined with 1 to 2 gallons of 3.8 lb/gal 2,4-D low volatile ester herbicide or Tordon 101 Mixture in sufficient water to make 20 to 100 gallons of total spray per acre.

#### **Broadleaf Weed Control**

Use Garlon 4 at rates of 1 to 4 quarts in a total volume of 20 to 100 gallons per acre as a water spray mixture. Apply at any time weeds are actively growing. Garlon 4 at ½ to 6 pints may be tank mixed with 1 to 2 quarts of 3.8 lb/gal 2,4-D amine or low-volatile ester, Tordon\* K, or Tordon 101 Mixture herbicides to improve the spectrum of activity. For thickened (high viscosity) spray mixtures, Garlon 4 can be mixed with diesel oil or other invert agent. When using an inverting agent, read and follow the use directions and precautions on the product label.

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Aerial Application (Helicopter Only)

Aerial sprays should be applied using suitable drift control (See "General Use Precautions").

#### Foliage Treatment (Utility and Pipeline Rights-of-Way)

Use 4 to 8 quarts of Garlon 4 alone, or 3 to 4 quarts Garlon 4 in a tank mix combination with 1 to 2 gallons of 3.8 lb/gal 2,4-D low volatile ester herbicide or Tordon 101 Mixture and apply in a total spray volume of 10 to 30 gallons per acre. Use the higher rates and volumes when plants dense or under drought conditions.

## **Basal Bark and Dormant Brush Treatments**

To control susceptible woody plants in rights-of-way, other non-crop areas, and forests, use Garlon 4 in oil or oil-water mixtures prepared and applied as described below. When preparing mixtures, use as oils either Arborchem Basal Oil, diesel fuel, No. 1 or No. 2 fuel oil, or kerosene. Substitute other oils or diluents only as recommended by the oil or diluent's manufacturer. When mixing with Arborchem Basal Oil or other oils or diluents, read and follow the use directions and precautions on the luct label prepared by the oil or diluent's refracturer.

#### **Oil Mixture Sprays**

Add Garlon 4 to the required amount of oil in the spray tank or mixing tank and mix thoroughly. If the mixture stands over 4 nours, reagitation is required.

#### **Oil-Water Mixture Sprays**

First, premix the Garlon 4, oil and surfactant in a separate container. Do not allow any water or

mixtures containing water to get into the Garion 4 or the premix. Fill the spray tank about half full with water, then slowly add the premix with continuous agitation and complete filling the tank with water. Continue moderate agitation.

Note: If the premix is put in the tank without any water, the first water added may form a thick "invert" (water in oil) emulsion which will be hard to break.

#### **Basal Bark Treatment**

To control susceptible woody plants with stems less than 6 inches in basal diameter, mix 1 to 5 gallons of Garlon 4 in enough oil to make 100 gallons of spray mixture. Apply with knapsack sprayer or power spraying equipment using low pressure (20-40 psi). Spray the basal parts of brush and tree trunks to a height of 12 to 15 inches from the ground. Thorough wetting of the indicated area is necessary for good control. Spray until runoff at the ground line is noticeable. Old or rough bank requires more spray than smooth young bark. Apply at any time, including the winter months, except when snow or water prevent spraying to the ground line. For oil-water mixture application, mix 2 gallons Garlon 4, 25 gallons of oil and one half gallon of Sponto 712, and add to 72.5 gallons water as indicated under "Directions for Use". Treat as above. For best results with oil/water mixtures, treat only stems 2 inches or less in diameter.

#### **Low Volume Basal Bark Treatment**

To control susceptible woody plants with stems less than 6 inches in basal diameter, mix 20 to 30 gallons of Garlon 4 in enough oil to make 100 gallons of spray mixture. Apply with a backpack or knapsack sprayer using low pressure and a solid cone or flat fan nozzle. Spray the basal parts of brush and tree trunks in a manner which thoroughly wets the lower stems.

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including the root collar area, but not to the point of runoff. Herbicide concentration should vary with size and susceptibility of species treated. Apply at any time, including the winter months, except when snow or water prevent spraying to the ground line.

#### Streamline Basal Bark Treatment (Southern States)

To control or suppress susceptible woody plants for conifer release, mix 20 to 30 gallons of Garlon 4 in enough oil to make 100 gallons of spray mixture. Apply with a backpack or knapsack sprayer using equipment which rovides a directed straight stream spray. Apply ifficient spray to one side of stems less than aches in basal diameter to form a treated zone that is 6 inches in height. When the optimum amount of spray mixture is applied, the treated

amount of spray mixture is applied, the treated zone should widen to encircle the stern within approximately 30 minutes. Treat both sides of sterns which are 3 to 4 inches in basal diameter. Direct the spray at bark that is approximately 12 to 24 inches above ground. Pines (loblolly, slash, shortleaf, and Virginia) up to 2 inches in diameter breast height (dbh) can be controlled by directing the spray at a point approximately 4 feet above ground. Vary spray mixture concentration with size and susceptibility of the species being treated. Best results are achieved in applications are made to young vigorously wing sterms which have not developed the

wing stems which have not developed the two ker bark characteristic of slower growing, understory trees in older stands. This technique is not recommended for scrub and live oak species, including blackjack, turkey, post, live, bluejack and laurel oaks. Apply from approximately 6 weeks prior to hardwood leaf expansion in the spring until approximately 2 months after leaf expansion is completed. Do not apply when snow or water prevent spraying at the desired height above ground level.

#### **Thinline Basal Bark Treatment**

To control susceptible woody plants with stems less than 6 inches in diameter, apply undiluted Garlon 4 in a thin stream to all sides of the lower stems. The stream should be directed horizontally to apply a narrow band of Garlon 4 around each stem or clump. From 2 to 15 ml of chemical will be required for treatment of single stems and from 25 to 100 ml to treat clumps of stems. Use an applicator metered or calibrated to deliver the small amounts required.

#### **Dormant Stem Treatment**

Mix 3 to 6 quarts of Garlon 4 in enough oil to make 100 gallons of spray. Apply with knapsack or power spraying equipment, using low pressure (20-40 psi). Treat any time when brush is dormant and most of the foliage has dropped. Thoroughly wet the upper parts of the stems and use the remainder as needed to wet the lower 12 to 15 inches above the ground to the point of runoff. For root suckering species such as sumac, persimmon, sassafras and locust, also spray the ground under the plants to cover small root suckers which may not be visible above the soil surface. Brush of average density and 4 to 6 feet high may take up to 150 gallons of spray mixture per acre. For oil-water mixture application mix 6 quarts Garlon 4, 25 gallons of oil and one half gallon of Sponto 712 and 73 gallons water as indicated under "Directions for Use". Treat as above.

#### **Cut Stump Treatment**

To control resprouting of freshly cut stumps of susceptible species, mix 20 to 30 gallons of Garlon 4 in enough oil to make 100 gallons of spray mixture. Apply with a backpack or knapsack sprayer using low pressures and a solid cone or flat fan nozzle. Spray the root collar area, sides of the stump, and the outer portion of the cut surface including the cambium until

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thoroughly wet, but not to the point of runoff.

Spray mixture concentration should vary with size and susceptibility of species treated. Apply at any time, including in winter months, except when snow or water prevent spraying to the ground line.

#### Treatment of Cut Stumps in California and the Pacific Northwest

To control resprouting, apply undiluted Garlon 4 to wet the area adjacent to the cambium and bark around the entire circumference of freshly

stumps. Treatments may be applied roughout the year; however, control may be roughout the small amounts of material required.

Note: All basal bark and dormant brush treatment methods may be used to treat susceptible woody species on range and permanent pasture land provided that no more than 1.5 quarts of Garlon 4 are applied per acre. Large plants or species requiring higher rates of Garlon 4 may not be completely controlled.

## Forest Management Applications

For broadcast applications of Garlon 4, use volume rates needed to provide adequate coverage of brush for good control, usually 5 to 25 gpa by air or 10 to 100 gpa by ground. Application systems should be used to prevent hazardous drift to off-target sites. Nozzles or additives that produce larger droplets of spray may require higher spray volumes to maintain brush control.

#### Forest Site Preparation (Not for Conifer Release)

Use 4 to 8 quarts of Garlon 4 and apply in a total spray volume of 5 to 25 gallons per acre, or Garlon 4 at 2 to 4 quarts may be used with 1 to 2 gallons of 3.8 lb/gal 2,4-D low volatile ester herbicide or Tordon\* 101 Mixture in a tank mix combination in a total spray volume of 5 to 25 gallons per acre.

Note: Conifers planted sooner than one month after treatment with Garlon 4 at less than 1 gallon per acre or sooner than two months after treatment at 1 to 2 gallons per acre may be injured. When tank mixtures of herbicides are used for forest site preparation, labels for all products in the mixture should be consulted and the longest recommended waiting period observed.

#### Directed Spray Applications for Conifer Release

To release conifers from competing hardwoods such as red maple, sugar maple, striped maple, sweetgum, red and white oaks, ash, hickory, alder, birch, aspen, and pin cherry, mix 1 to 5 gallons of Garlon 4 in enough water to make 100 gallons of spray mixture. This spray should be directed onto foliage of competitive hardwoods using knapsack or backpack sprayers with flat fan nozzles or equivalent any time after the hardwoods have reached full leaf size, but before autumn coloration. The majority of treated hardwoods should be less than 6 feet in height to ensure adequate spray coverage. Care should be taken to direct spray solutions away from conifer foliage, particularly foliage of desirable pines.

**Note:** Sprays may cause temporary damage and growth suppression where contact with conifers occurs; however, injured conifers should recover



and grow normally. Over-the-top spray applications can kill pines.

## **Broadcast Applications for Conifer Release in the Pacific Northwest and California**

On Dormant Conifers Before Bud Swell (Excluding Pines): To control or suppress deciduous hardwoods such as vine maple, bigleaf maple, alder or willow before leaf-out or evergreen hardwoods such as madrone, chinquapin, and Ceanothus spp., use Garlon 4 at 1 to 2 qt per acre. Diesel or fuel oil carrier may to used especially on deciduous hardwood species. On evergreen hardwoods, water carrier with 1 to 2 gallons of diesel oil per acre or a suitable surfactant or oil substitute at manufacturer's recommended rates are equally effective.

On Conifer Plantations (Excluding Pines) After Hardwoods Begin Growth and Before Conifer Bud Break ("Early Foliar" Hardwood Stage): Use Garlon 4 at 1 to 1.5 qt alone or with 3.8 lb/gal 2,4-D low volatile ester herbicide in water carrier to provide no more than 3 lb acid equivalent per acre from both products. After conifer bud break, these sprays may cause more serious injury to the crop trees. Added surfactant cause unacceptable injury to conifers execially after bud break.

On Conifer Plantations (Excluding Pines) After Conifers Harden Off In Late Summer and While Hardwoods Are Still Growing Actively: Use Garlon 4 at rates of 1 to 1.5 qt per acre alone or plus 3.8 lb/gal 2,4-D low volatile ester herbicide to provide no more than 3 lb acid equivalent per acre from both products. Treat as soon after conifer bud hardening as possible so that hardwoods are actively growing. Added oil, oil substitute or surfactant may cause unacceptable injury to the conifers.

Note: Sprays may cause discolored needles and temporary growth suppression of some conifers, but they should recover and grow normally.

# Broadcast Applications for Conifer Release in the Eastern United States To release spruce, fir, red pine and white pine from competing hardwoods such as red maple, sugar maple, striped maple, alder, birch (white, yellow, and grey), aspen, ash, pin cherry, and Rubus spp. and perennial and annual broadleaf weeds, use Garlon 4 at rates of 1.5 to 3 quarts per acre alone or plus 3.8 lb/gal 2,4-D amine or low-volatile ester herbicides to provide no more than 4 pounds acid equivalent per acre from both products. Applications should be made in late summer or early fall after conifers have formed their overwintering buds and hardwoods are in full leaf and prior to autumn coloration.

**Note:** Sprays may cause discolored needles and temporary growth suppression of some conifers, but they should recover and grow normally.

Broadcast Applications for Conifer

Release in the Lake States Region
To release spruce, fir, red pine and jack pine from competing hardwoods such as aspen, birch, maple, cherry, willow, oak, hazel, and Rubus spp. and perennial and annual broadleaf weeds, use Garlon 4 at rates of 1.5 to 3 quarts per acre. Applications should be made in late summer or early fall after conifers have formed their

Note: Sprays may cause discolored needles and temporary growth suppression in jack pine. Rates exceeding 1.5 quarts/acre may result in more severe damage especially to young jack pine 18 inches or less in height.

overwintering buds and hardwoods are in full

leaf and prior to autumn coloration.



Spot Treatment to Control Clumps of Resprouting Hardwoods Such as Big Leaf Maple Using a Hovering Helicopter of Forests

Stem Treatment Before Leaf-Out: Mix 1 to 2 gallons of Garlon 4 with about 20 gallons diesel oil and enough water to make 100 gallons of solution. Apply as an invert emulsion by means of a hovering helicopter equipped with a nozzle system to direct sufficient spray to cover the stems to the ground line of the sprouted trees, usually 1/4 to 11/2 gallon per clump.

M 3: Conifers contacted by this spray may seriously injured; in existing plantations, control systems, such as invert emulsions, should be used to minimize injury to adjacent conifers. A dye or other marking system to designate treated trees may be used.

#### **Warranty Disclaimer**

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. DOWELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF CHANTABILITY OR FITNESS FOR A P' STICULAR PURPOSE OR ANY OTHER

#### Inherent Risks of Use

E... RESS OR IMPLIED WARRANTY.

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as

unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco or the seller. All such risks shall be assumed by Buyer.

#### **Limitation of Remedies**

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses.

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of DowElanco or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

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9 Revisions Include:

1) Revision of grazing/haying restrictions.

Garlon 4 Herbicide inserts

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#### Grazing and Haying Restrictions

#### Grazing or harvesting of green forage:

#### Lactating dairy animals

- 2 quarts/acre or less: Do not graze or harvest green forage from treated area for 14 days after treatment.
- greater than 2 quarts to 6 quarts/acre: Do not graze or harvest green forage until next growing season.

#### Other Livestock

· 2 quarts/acre or less: No grazing restrictions.

 greater than 2 quarts to 6 quarts/acre: Do not graze or harvest green forage from treated area for 14 days after treatment. Note: If less than 25% of a grazed area is treated, there is no grazing restriction.

#### Haying (Harvesting of Dried Forage):

#### Lactating dairy animals

Do not harvest hay until next growing season.

#### Other Livestock

• 2 quarts/acre or less: Do not harvest hay for 7 days after treatment.

greater than 2 quarts to 4 quarts/acre: Do not harvest hay for 14 days after treatment.

• greater than 4 quarts/acre: Do not harvest hay until next growing season.

#### Slaughter Restrictions:

Withdraw livestock from grazing treated grass or consumption of treated hay at least 3
days before slaughter. This restriction applies to grazing during the season following
treatment or hay harvested during the season following treatment.