

WESTERN, NORTHEASTERN STATES

General Information

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Tordon 101 Mixture specialty herbicide is recommended for the control of herbaceous broadleaf annual and perennial weeds, woody plants and vines on forest planting sites and non-crop areas including industrial manufacturing and storage sites, rights-of-way, such as electrical power lines, communication lines, pipelines, highways, railroads, and wildlife openings in forest and non-crop areas.

Unless otherwise noted in Application Directions Section, use Tordon 101 Mixture weed and brush herbicide at rates of 2 to 8 pints per acre to control broadleaf weeds and at rates of 1 to 2 gallons per acre to control woody plants and vines. Tordon 101 Mixture may be tank-mixed with Garlon 4 Ultra or Garlon 3A herbicides, or 4 lb/gal 2,4-D low-volatile esters registered for sites listed on the label to control mixed woody plant and vine species. When tank-mixing, observe all precautions, directions, and limitations on both products' labeling. In all cases use the amounts specified in enough water to give thorough and uniform coverage of the plants to be controlled.

Note: Tordon 101 Mixture does not mix readily with oil. Use of a nonionic agricultural surfactant, such as Ortho X-77, Triton AG-98, or Tronic, is recommended for all applications. When using surfactants, follow the use directions and precautions listed on the surfactant manufacturer's label. Use the higher recommended concentrations of surfactant in the spray mixture when applying lower spray volumes per acre.

Herbicidal effects of Tordon 101 Mixture occur primarily from uptake by plant foliage and translocation throughout the plant, however, herbicidal activity may occur from soil uptake of picloram. Very small amounts can kill or damage broadleaf plants. To prevent damage to crops and other desirable plants, carefully follow all directions and precautions.

Precautions and Restrictions

Not for sale, distribution or use in Nassau and Suffolk Counties in New York State

Use this product only as specified on the label. Observe any special use and application restrictions and limitations, including method of application and permissible areas of use as required by state or local regulations. When used in tank-mix combination with other products, follow all applicable use directions, precautions, restrictions, and limitations on the labels of each product used.

Application Rate Ranges: Use higher rates in areas with dense weed populations or for longer residual control. For best results, the lower rate should be used only when environmental conditions are favorable for plant growth and when the plants are at the recommended growth stage. Compared to results obtained with the higher rate, a lower rate may be slower in activity, provide a lower level of control, and may require retreatment.

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

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

Do not make application when circumstances favor movement from treatment site.

Do not rotate food or feed crops on treated land if they are not registered for use with picloram until an adequately-sensitive bioassay or chemical test shows that no detectable picloram is present in the soil.

Grazing Restrictions:

- There are no grazing restrictions for non-lactating dairy animals or other livestock including horses, sheep, goats, and other animals in the treatment area.
- Do not allow lactating dairy animals to graze treated areas within 7 days after application.
- Do not harvest grass cut for hay from treated areas for 30 days after application.
- Meat animals must be withdrawn from treated forage at least 3 days before slaughter

On areas treated with this product, do not rotate to crops intended for food or feed

use, other than grasses, rye, forage sorghum, sudangrass, wheat, barley or oats not underseeded with a legume.

Do not move treated soil to other areas or use it to grow plants if they are not registered for use with picloram until an adequate-sensitive bioassay or chemical test shows that no detectable picloram is present in the soil.

Do not spray if the loss of legumes cannot be tolerated. Tordon 101 Mixture may injure or kill legumes. New legume seedlings may not grow within 2 years following application of this herbicide.

Established grasses are tolerant to this product, but newly-seeded grasses may be injured until well established as indicated by tillering, development of a secondary root system and vigorous growth (see Planting Grasses Section).

Do not transfer livestock from treated grazing areas onto sensitive broadleaf crop areas without first allowing 7 days of grazing grass that has been treated with picloram. Otherwise, urine may contain enough picloram to cause injury to sensitive broadleaf plants.

Do not use manure from animals grazing treated areas on land used for growing broadleaf crops, ornamentals, orchards, or other susceptible, desirable plants. Manure may contain enough picloram to cause injury to susceptible plants.

Do not mix with dry fertilizer.

Do not use plant material from treated areas for composting or mulching of susceptible broadleaf plants.

Do not contaminate water intended for irrigation or domestic purposes. To avoid injury to crops or other desirable plants, do not treat or allow spray drift or run-off to fall onto banks or bottoms of irrigation ditches, either dry or containing water, or other channels that carry water that may be used for irrigation or domestic purposes. Do not apply to snow or frozen ground.

Do not use on sub-irrigated land.

Do not apply or otherwise permit Tordon 101 Mixture or sprays containing Tordon 101 Mixture to contact crops or other desirable broadleaf plants including, but not limited to alfalfa, beans, cotton, grapes, melons, peas, potatoes, safflower,

soybeans, sugar beets, sunflower, tobacco, tomatoes, and other vegetable crops, flowers, fruit plants, ornamentals, or shade trees.

Do not make application when circumstances favor movement from treatment site.

Tordon 101 Mixture should not be applied on residential or commercial lawns or near ornamental trees and shrubs. Untreated trees can occasionally be affected by root uptake of herbicide through movement into the top soil or by excretion of the product from the roots of nearby treated trees. Do not apply Tordon 101 Mixture within the root zone of desirable trees unless injury can be tolerated.

Avoid injury to newly-planted conifers. Conifer planting intervals vary. Pines planted sooner than 6 months after treatment with Tordon 101 Mixture may be injured in the south or west of the Cascade Mountains. Other conifers, west of the Cascade Mountains, may be injured if planted sooner than 8 to 9 months after treatment. For all conifers, the waiting period treatment and planting should be 11 to 12 months in the area between the Cascade and Rocky Mountains and 8 to 9 months in the lake States and the Northeastern U.S.

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, fruit trees, 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 may 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.

AERIAL APPLICATION

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.

GROUND BOOM APPLICATION

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

Limitations, Restrictions, and Exceptions

Forestry and Non-Crop Areas

Restrictions:

- For broadcast applications, apply no more than 8 quarts per acre per 12 months.
- For cut surface – stumps, and frill, apply no more than 2 gallons per 100 gallons of spray solution and 1 cut surface application per year.
- For injection applications, apply no more than 2 mL of 2 gallons formulation per injection site.

High-Volume Leaf-Stem Treatment

Use Tordon 101 Mixture at the rate of 1 gallon in water to make 100 gallons of spray to control broadleaf weeds, vines, and other woody plants. To control a wider range of plant species, mix 1 to 2 quarts of Tordon 101 Mixture with 1 to 3 quarts of Garlon 4 Ultra herbicide or 1 to 4 quarts of Garlon 3A Herbicide or 4 lb/gal 2,4-D low-volatile ester and dilute to make 100 gallons of spray. Apply after the foliage is well developed and in a manner to give thorough spray coverage. For woody plants, apply the spray mixture in a manner which thoroughly wets all leaves, stems, and root collars. For hard-to-kill species, such as ash and oak, also wet the soil around

the root collar. The amount of spray mixture applied per acre will vary with plant size and density; however, total use of Tordon 101 Mixture must not exceed 8 quarts per acre.

Note: Do not allow the spray, even as minute amounts of spray drift, to contact desirable broadleaf plants, and do not wet the soil over roots of such plants.

Broadcast Ground or Aerial Foliage Treatment

To obtain adequate plant coverage, it is recommended that ground applications of Tordon 101 Mixture be made in 15 or more gallons of total spray mixture per acre. For aerial applications, use of 5 to 20 gallons per acre of spray mixture is recommended. Use higher spray volumes where plants are tall, where the vegetation to be treated is dense, or where difficult to control species are present.

Note: For best results under conditions of drought stress, use the higher rates recommended. Even these rates under such conditions may not be as effective as the lower rates under good growing conditions.

In Western, Northeastern, North Central, and Lake States (States not listed above as Southern States)

To control susceptible woody plants and broadleaf weeds, apply Tordon 101 Mixture at a rate of 4 to 8 quarts per acre. To broaden the spectrum of woody plants and broadleaf weeds controlled, apply 4 to 8 quarts per acre of Tordon 101 Mixture in tank-mix combination with 1 1/2 to 3 quarts of Garlon 4 Ultra. Where grass control is also desired, Tordon 101 Mixture alone or in tank-mix combination with Garlon 4 Ultra, may be applied with 1 to 3 quarts per acre of Accord or Roundup, 2 to 4 fluid ounces of Oust, a combination of Accord XRT (or Roundup) plus Oust at the rates listed, or 8 to 16 fluid ounces of Arsenal Applicator's Concentrate. When applying tank mixes, follow the use directions and precautions on each product label.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[N.A.](#)