

# **CONIFER PLANTATIONS - DIRECTED SPRAYS APPLICATION FOR CONIFER RELEASE**

## General Information

## Product Information

Vista XRT herbicide provides control of broadleaf annual and perennial weeds, and certain woody plants and vines on

- Conservation Reserve Program (CRP), rangeland and permanent grass pastures,
- conifer plantations, and
- airports, barrow ditches, communication transmission lines, electrical power and utility rights-of-way, fencerows, gravel pits, industrial sites, irrigation ditch banks, dry irrigation ditches or canals, military lands, mining and drilling areas, non-irrigation ditch banks, oil pads, parking lots, petroleum tank farms, pipelines, railroads, roadsides, storage areas, storm water retention areas, substations, unimproved rough turfgrasses, vacant lots and other non-crop residential areas; and
- natural areas (open space) for example, campgrounds, parks, prairie management, trails and trailheads, recreation areas, wildlife openings and wildlife habitat and management areas;
- established turfgrass, including sod farms, residential lawns, golf courses, recreational, commercial and public turf areas
- including grazed areas on all of these sites Do not apply to St. Augustine grass in the state of Florida.

## Use Precautions and Restrictions

- Do not contaminate irrigation ditches or water used for domestic purposes.

- Maximum Application Rate: Do not apply more than 23 fl oz per acre of Vista XRT per year. Split applications of Vista XRT may be made during a single year provided the total amount of Vista XRT applied does not exceed the maximum labeled rate of 23 fl oz per acre.
- Grazing restrictions: There are no grazing restrictions for livestock, including lactating or non-lactating dairy animals.
- Harvest restrictions: Do not apply within 7 days of harvesting grass for hay or silage from treated areas.
- Slaughter restrictions: Meat animals must be withdrawn from treated forage at least 2 days before slaughter.
- Chemigation: Do not apply this product through any type of irrigation system.
- In Arizona: The state of Arizona has not approved this product for use on plants grown for agricultural/commercial production; such as on designated grazing areas.
- Management of Kochia Biotypes: Research has suggested that many biotypes of kochia can occur within a single population.

While kochia biotypes can vary in their susceptibility to Vista XRT, all will be suppressed or controlled at 12 oz per acre provided application timing and growing conditions are optimal. Application of Vista XRT at rates of less than 6 fl oz per acre per acre can result in a shift to more tolerant biotypes within a population.

- Avoid applications where proximity of susceptible plants or other desirable plants is likely to result in exposure to spray or spray drift.
- Do not store or handle other agricultural chemicals with the same containers used for this product. Do not apply other agricultural chemicals or pesticides with equipment used to apply this product unless equipment has been thoroughly cleaned (see Clean-Out Procedures for Spray Equipment).
- Non-irrigation Ditch Banks and Seasonally Dry Wetland Sites: It is permissible to treat non-irrigation ditch banks, seasonally dry wetlands (such as flood plains, deltas, marshes, swamps, or bogs), and transitional areas between upland and lowland sites. Do not apply directly to water and take precautions to minimize spray

drift to water. For control of woody plants and broadleaf weeds in these sites, follow use directions and application methods on the label for the specific site being treated.

- Dry Irrigation Canals/Ditches: Do not apply Vista XRT to the inner banks of dry irrigation canals/ditches unless a 120-day restriction on use of irrigation water can be observed or residue levels of fluroxypyr (active ingredient in Vista XRT) are determined by laboratory analysis, or other appropriate means of analysis, to be 1 ppb or less. Do not apply on ditches or canals currently being used to transport irrigation water or that will be used for irrigation within 4 months following treatment.

- Minimize overspray to open water when treating target vegetation non-flowing, quiescent or transient water. Note: Consult local public water control authorities before applying this product around public water; permits may be required to treat such areas.

#### Use Precautions and Restrictions

- Do not use Vista XRT on golf course putting greens or tees.

- Do not allow sprays of Vista XRT to contact exposed suckers or exposed roots of shallow rooted trees and shrubs or injury may occur.

- Do not reseed turfgrass for three weeks after application.

- To minimize the potential for unacceptable turfgrass injury, do not make additional applications within 4 weeks of a previous application unless injury can be tolerated.

- Apply only to turfgrass species that are well established. Mow newly-seeded turfgrass two or three times before applying Vista XRT.

- Do not apply this product to warm season turfgrasses while they are transitioning from winter dormancy to active growth in late winter or early spring as spring green-up can be significantly delayed. Warm season turfgrass species (except St. Augustine grass) may be treated with up to 11 fl. oz of Vista XRT per acre during winter if warm season turfgrass is completely dormant when making applications to control winter annual broadleaf weeds.

- Maximum application rate: Do not apply more than 23 fl oz of this product per acre

per year.

Users who wish to use Vista XRT on a turfgrass species not identified on the label may determine the suitability for such use by treating a small area at a listed rate. Prior to treatment of larger areas, observe the treated area for any sign of herbicidal injury during 30 days of typical growing conditions. The user assumes the responsibility for any plant damage or other liability resulting from use of Vista XRT on turfgrass species not identified on the label.

#### Limitations, Restrictions, and Exceptions

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(Not for Use or Distribution in Nassau and Suffolk Counties in New York State)

Directed Sprays Application for Conifer Release: To release conifers from competing brush and weeds such as manzanita and squaw carpet, mix 2 to 4 qts of Vista XRT in enough water to make 100 gallons of spray mixture (0.5 to 1% v/v). This spray mixture should be directed onto foliage of competitive brush using calibrated sprayers anytime after the hardwoods and brush have reached full leaf size including fall applications. Care should be taken to direct spray solutions away from contact with conifer foliage, particularly foliage of desirable conifers.

#### Restrictions:

- Do not apply Vista XRT to conifer plantations as an over-the-top broadcast treatment during active terminal growth (from initiation of budbreak/growth flush until seasonal terminal growth has hardened off and over-wintering buds have formed). Directed spray applications may be made to conifer plantations during periods of active growth, but care should be taken to avoid spray contact with actively growing foliage.
- Do not apply Vista XRT in tank mix combination to conifer plantations unless the tank mix product is labeled for weed or brush control in conifers by the application method being employed.

#### Method

[Directed Spray](#)

#### Rates

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Restricted Entry Interval

24 hours

Timings

Anytime after the hardwoods and brush have reached full leaf size including fall applications.