

(Restricted Use Pesticide - Phytotoxicity)

FIFRA Section 2(ee) Recommendation

For the application of Invora Herbicide to control broom snakeweed (*Gutierrezia sarothrae*), catclaw acacia (*Acacia greggii*), prickly pear (*Opuntia sp.*), tarbush (*Flourensia cernua*), Texas persimmon (*Diospyros texana*), and/or whitebrush (*Aloysia gratissima*) on privately-owned NON-HAYED rangeland or privately-owned NON-HAYED perennial grassland managed as rangeland.

For Distribution and Use Only in The States of: AZ, NM, OK, and TX

FIFRA Section 2(ee) Recommendation: This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. All applicable directions, restrictions and precautions on the EPA registered label are to be followed. **This product bulletin should be in the possession of the user at the time of application of the product.**

DIRECTIONS FOR USE:

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

INVORA® herbicide can be used to control additional brush species on privately-owned NON-HAYED rangeland or privately-owned NON-HAYED perennial grassland managed as rangeland.

Before using INVORA® herbicide read and follow all applicable directions, restrictions and precautions on the EPA-registered label.

Application Timing and Vegetation Requirements:

Apply in late spring through late summer when foliage is healthy, fully mature, abundant, void of drought, heat, insect, or disease stress, and with no new light-green foliage present due to recent rainfall events. Vegetation production of these species is highly dependent on rainfall. Avoid spraying in years of low rainfall as foliage produced is typically inadequate for herbicide uptake and control. Control results are best when applications are made with moderate to high soil moisture and with uniform healthy foliage.

Broadcast Applications:

For best results use aerial application with a minimum of 4 gallons per acre total carrier volume. If increased coverage is needed (e.g., dense canopy cover), total carrier volume can be increased up to 10 gallons per acre. If ground broadcast equipment is used, make the application in 10 to 20 gallons per acre total carrier volume. Boomless spray nozzles typically provide less than adequate coverage of the target and should only be used if reduced control is acceptable. Apply using nozzles and equipment set-ups that deliver coarse to very coarse droplets as defined by ASABE S572 standard. Use a methylated seed oil + organo-silicone (MSO-OS) adjuvant at the rate recommended by the manufacturer.

Foliar Individual Plant Treatment (IPT) Applications:

A backpack sprayer or ATV-mounted sprayer may be used for foliar IPT applications. Use an adjustable hollow cone X6 or X8 nozzle with low to moderate pressure. Spray leaves until they are wet but not to the point of dripping.

SPECIES CONTROLLED WITH BROADCAST APPLICATIONS:

Broom snakeweed (*Gutierrezia sarothrae*)

Apply Invora® herbicide (24 fluid ounces product per acre) with a MSO-OS adjuvant at the rate recommended by the manufacturer.

Catclaw acacia (*Acacia greggii*), Tarbush (*Flourensia cernua*), and/or Whitebrush (*Aloysia gratissima*)
Apply Invora® herbicide (36 fluid ounces product per acre) with a MSO-OS adjuvant at the rate recommended by the manufacturer.

SPECIES CONTROLLED WITH FOLIAR INDIVIDUAL PLANT TREATMENT (IPT) APPLICATIONS:

Prickly pear (*Opuntia sp.*) and/or Tarbush (*Flourensia cernua*)

Mix and apply Invora® herbicide at 1.5% v/v in water with 0.5% v/v MSO-OS adjuvant or non-ionic surfactant and 0.5% v/v spray dye.

Texas persimmon (*Diospyros texana*)

Mix and apply Invora® herbicide at 2% v/v in water with 0.5% v/v MSO-OS adjuvant or non-ionic surfactant and 0.5% v/v spray dye.

IMPORTANT PRECAUTIONS:

Certain species may, in particular, be sensitive to low levels of INVORA® herbicide including but not limited to, conifers (such as Douglas fir, Norway spruce, ponderosa pine and white pine), deciduous trees (such as aspen, Chinese tallow, cottonwood, honey locust, magnolia, poplar species, redbud, silver maple, and willow species) and ornamental shrubs (such as arborvitae, burning bush, crape myrtle, forsythia, hydrangea, ice plant, magnolia, purple plum and yew).

Injury or loss of desirable trees or vegetation may result if INVORA® herbicide is applied on or near desirable trees or vegetation, on areas where their roots extend, or in locations where the treated soil may be washed or moved into contact with their roots. Consider site-specific characteristics and conditions that could contribute to unintended root zone exposure to desirable trees or vegetation. Root zone areas of desirable trees or vegetation are affected by local conditions and can extend beyond the tree canopy. If further information is needed regarding root zone area, consult appropriate state extension service, professional consultant or other qualified authority.

Injury to or loss of desirable trees or vegetation may result if equipment is drained or flushed on or near these trees or vegetation, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.

IMPORTANT RESTRICTIONS:

- Do not use plant material treated with INVORA® herbicide for mulch or compost.
- Do not apply this product in areas where the roots of desirable trees and/or shrubs may extend unless injury or loss can be tolerated. Root zone areas of desirable trees or vegetation are affected by local conditions and can extend well beyond the tree canopy.
- Do not apply this product if site-specific characteristics and conditions exist that could contribute to movement and unintended root zone exposure to desirable trees or vegetation unless injury or loss can be tolerated.
- During period of intense rainfall, applications made to soils saturated with water, or soils through which rainfall will not readily penetrate may result in runoff and movement of INVORA® herbicide.
- Do not apply INVORA® herbicide when these conditions exist.
- Do not apply more than 54 fluid ounces INVORA® herbicide per acre per year on a broadcast acre basis.

ADDITIONAL REQUIREMENTS:

INVORA® Herbicide is a restricted use pesticide (RUP) and is for retail sale to and use only by certified applicators or persons under their direct supervision and only those uses covered by the certified applicator's certification. Prior to applying this product on rangeland, all applicator(s) must complete picolinic acid chemistry training every two years. Training must be completed through one of the following a) the state or state-authorized provider or b) the registrant or registrant-authorized provider for this product. The certified applicator must keep a record of the training for three years. This record must include date of training, provider of training, and proof of completion. Record must be made available to State Pesticide Regulatory Officials(s), and EPA upon request.

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For MEDICAL and TRANSPORTATION
emergencies ONLY call 24 hours a day
1-800-424-9300

For PRODUCT USE information call
1-800-331-2867