



WILLOWOOD USA 

OXYFLO 2EC

OXYFLUORFEN | HERBICIDE

SUPPLEMENTAL LABELING

Willowood OxyFlo 2EC

EPA Reg. No. 87290-8

24(c) Special Local Need Registration SLN OR-110010

**Use in Certain Established Perennial Grasses Grown for Seed
(For Distribution and Use Only in the State of Oregon)**

Expiration Date: This label is valid until December 31, 2016, or until otherwise amended, withdrawn, canceled, or suspended.

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This label must be in the possession of the user at the time of pesticide application.
- Read this SLN label and the label affixed to the container for Willowood OxyFlo 2EC herbicide before applying.
- Use of Willowood OxyFlo 2EC according to this SLN label is subject to all use directions, precautions and limitations imposed by the label affixed to the product container.

ACTIVE INGREDIENT:

Oxyfluorfen:
 2-chloro-1-(3-ethoxy-4-Nitrophenoxy)-4-(trifluoromethyl)benzene22.3%

OTHER INGREDIENTS.....77.7%

TOTAL.....100.0%

Contains 2 pounds active ingredient per gallon. Contains petroleum distillates, xylene or xylene range aromatic solvents.

WARNING - AVISO

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes skin irritation. Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Do not get on skin, in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. See Directions for Use for additional restrictions. Do not contaminate water when disposing of equipment wash water.

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 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.

General Information

Willowood OxyFlo 2EC herbicide is recommended for late preemergence through early postemergence control of annual broadleaf weeds, annual grasses, and the seedling stage of perennial grasses, including volunteer crops, in established perennial grasses grown for seed. A minimum of 12 months of good growing conditions is required from time of planting new stands of perennial grasses or until the perennial grasses are sufficiently well established (a minimum of 6 tillers or more) to be treated with Willowood OxyFlo 2EC.

NOTE: *Due to the close proximity of native prairie remnants to agricultural areas and the potential for these areas to be adversely affected by herbicides through drift or possible runoff/soil movement, it is recommended that Willowood OxyFlo 2EC not be applied directly to native prairie habitats. It is recommended that dosage rates be maintained at the lower end of the use rate range (if effective seedling control can be achieved) in a further effort to lessen potential impacts to endangered species.*

Application Rates: Willowood OxyFlo 2EC is recommended on the listed grass seed crops at the rates indicated. An 80 percent active nonionic surfactant cleared for application to growing crops may be added at a rate of 0.12 to 0.5 percent spray volume for improved control of emerged seedlings.

Kentucky bluegrass, tall fescue, orchardgrass, bentgrass, perennial ryegrass

Make an initial application of Willowood OxyFlo 2EC at a rate of 8 to 24 fluid ounces (0.125 to 0.375 lb ai) per acre. The initial application should be made before the broadleaf (or grass) weed seedlings to be controlled exceed the two-leaf growth stage (typically prior to December 15). A second application may be required for optimal control/suppression. Do not apply more than 24 fluid ounces of Willowood OxyFlo 2EC per acre as a result of two applications in a single growing season.

Tank Mixing: For increased control of volunteer ryegrass seedlings in perennial ryegrass, up to 1.2 lb active of diuron per acre may be in tank mixtures with Willowood OxyFlo 2EC per season.

Fine fescues (Chewings, creeping red, and hard types)

Make a single application of Willowood OxyFlo 2EC at 8 fluid ounces (0.12 lb ai) per acre per season. The application should be applied before the weed seedlings to be controlled exceed the two-leaf growth stage (**Use Period: September 1 to December 15**).

Crop Tolerance

The application of Willowood OxyFlo 2EC to established perennial grasses will exhibit chlorosis (yellowing) of the foliage within two weeks after treatment. Some chlorosis may be present for up to three months following application.

The use of Willowood OxyFlo 2EC may also result in a substantial reduction in vegetative growth by perennial grasses during the winter. Leaf chlorosis and reduction of vegetative growth is a typical and normal response and seed yield of healthy, vigorous perennial grasses is typically not affected by fall application of Willowood OxyFlo 2EC. **The grower should understand that conditions under which seed yield may be reduced are not fully understood and a reduction in seed yield might occur. Do not graze fields that have been treated with Willowood OxyFlo 2EC as illegal residues may be present in the vegetative forage.** Grazing may also magnify crop injury and reduce the seed yield.

Tolerance of perennial grasses to Willowood OxyFlo 2EC can be improved by minimizing the amount of live leaf tissue present at time of application by cultural practices such as propane flaming, intensive mechanical clipping (crew cutting), prior livestock grazing, or open field burning.

Weeds Suppressed and/or Controlled

Willowood OxyFlo 2EC will control or suppress the following weeds and volunteer crops when applied between the onset of germination and the two-leaf seedling growth stage:

Common Name	Scientific Name
Bentgrass	<i>Agrostis species</i>
Bluegrass, Annual	<i>Poa annua</i>
Bluegrass, Kentucky	<i>Poa pratensis</i>
Bluegrass, Roughstalk	<i>Poa trivialis</i>
Brome, California (mountain) ¹	<i>Bromus carinatus</i>
Fescue, Fine (creeping red and Chewings)	<i>Festuca rubra</i>
Fescue, Hard	<i>Festuca longifolia</i>
Fescue, Rattail	<i>Vulpia myuros</i>
Fescue, Tall	<i>Festuca arundinacea</i>
Orchardgrass	<i>Dactylis glomerata</i>
Ryegrass, Italian	<i>Lolium multiflorum</i>
Ryegrass, Perennial ¹	<i>Lolium perenne</i>

¹These species are suppressed but not fully controlled by Willowood OxyFlo 2EC.

Willowood OxyFlo 2EC will also control or suppress many annual broadleaf weeds.

Early treatment is important for control of seedling grasses. Applications of Willowood OxyFlo 2EC at the onset of grass seed germination during the initial fall rains (late preemergence) or at the one-leaf growth stage (early postemergence) may provide somewhat better control of volunteer crop seedlings than applications at the two-leaf stage. Ample soil moisture soon after application is required for optimum performance against seedling grasses.

Applications to seedling grasses between the two- and six-leaf growth stages may result in partial control of some grass species. Single applications made to seedlings between the two- and six-leaf growth stages will cause injury and stunting, but regrowth will generally occur. If seedlings have not died within three to four weeks after treatment with Willowood OxyFlo 2EC herbicide and healthy green regrowth is visible, a second application may be needed.

Willowood OxyFlo 2EC will not control established perennial grasses or seedlings of most annual and perennial grasses beyond the six-leaf stage.

Tank mixtures of Willowood OxyFlo 2EC with other registered herbicides may result in enhanced crop injury. If a tank mixture is to be applied, applications should be made only to healthy, vigorous stands of perennial grasses. The decision to apply a tank mixture containing Willowood OxyFlo 2EC herbicide is at the sole discretion of the grower and at the grower's risk.

Method of Application

Apply as a broadcast application in a minimum spray volume of 20 gallons of water per acre. Use conventional ground spray equipment with flat fan spray nozzles at the manufacturer's recommended operating pressure. Calibrate spray equipment before each use.

Specific Use Restrictions

In addition to the Use Restrictions in the main product label, the following use restrictions must be observed:

- **Chemigation:** Under this SLN label, do not apply this product through any type of irrigation system.
- **Do not** graze livestock in treated fields within 150 days of application.
- **Do not** apply Willowood OxyFlo 2EC within 150 days of harvest.
- Willowood OxyFlo 2EC should be applied only by ground application equipment.

24(c) Registrant:



WILLOWOOD USA

Willowood, LLC
1600 NW Garden Valley Blvd. #130
Roseburg, OR 97471