

CHRISTMAS TREE AND DECIDUOUS TREE FARMS - PERENNIAL GRASSES

General Information

GENERAL INFORMATION

Sethoxydim E-Pro Herbicide is a selective, broad spectrum, postemergence herbicide for control of annual and perennial grass weeds in alfalfa, birdsfoot trefoil, citrus, clover, corn (Poast protected), cotton, peanuts, sainfoin, soybean, turf, ornamentals, nonfood and noncrop sites listed on the label. Sethoxydim E-Pro does not control sedges or broadleaf weeds. Essentially, all grass crops, such as sorghum, corn, small grains, and rice, as well as ornamental grasses, such as turf, are susceptible to Sethoxydim E-Pro. A program for total vegetation suppression may necessitate the use of a broadleaf herbicide. Any combination treatment using Sethoxydim E-Pro either tank mixed or sequential should be tested to determine if seedhead growth suppression is maintained without increased injury or discoloration to tall fescue or other desired plant species. A reduction in grass competition may make certain broadleaf weeds appear more prominent or may allow new weeds to germinate.

Mode of Action

Sethoxydim E-Pro rapidly enters the targeted grass weed through its foliage and translocates throughout the plant. The effects range from slowing or stopping growth (generally within 2 days), to foliage reddening and leaf tip burn.

Subsequently, foliage burnback occurs. These symptoms will generally be observed within 3 weeks depending on environmental conditions.

Crop Tolerance

All labeled crops are tolerant to Sethoxydim E-Pro at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days. New growth is normal and crop vigor is not reduced.

Notice to user: Due to variability within species, and in application techniques and equipment, and the number of tank mix combinations, neither the manufacturer nor

the seller has determined whether or not Sethoxydim E-Pro can safely be used on all varieties and species of nonbearing food crops, trees, shrubs, ornamentals, bedding plants, ground covers, nursery, wildflowers, Christmas trees, turf and other nonfood crops under all conditions. It is recommended that the professional user determine if Sethoxydim E-Pro can be used safely before broad use by applying the recommended use rate of Sethoxydim E-Pro under the conditions expected to be encountered on a small test area. Any adverse effects should be visible within 7 days.

Resistance

Repeated use of Sethoxydim E-Pro (or similar postemergence grass herbicides with the same mode of action) may lead to the selection of naturally occurring biotypes with resistance to these products. If poor performance cannot be attributed to adverse weather conditions or improper application methods, a resistant biotype may be present. Consult your local representative or agricultural advisor for assistance.

Irrigation

In irrigated areas, it may be necessary to irrigate before treatment to ensure active weed growth.

Coverage

Apply Sethoxydim E-Pro to the foliage of grasses on a spray-to-wet basis uniformly and completely. Dense leaf canopies shelter smaller grassy weeds and can prevent adequate spray coverage. Do not spray to the point of runoff.

Cultivation/Mowing

If cultivation is an option, do not cultivate during the time between 5 days before and 7 days after applying Sethoxydim E-Pro. Cultivating 7-14 days after treatment may help provide season-long control of perennial grasses. Centipedegrass and fine fescue areas should not be mowed within 7 days before or after applying Sethoxydim E-Pro. Increased control has been observed when mowing is delayed until 14 days after application. Grass weeds that have been mowed or have regrown from mowed stubble may be controlled poorly. Repeat application if new germination or regrowth occurs.

Refer in the label for tank mix information.

Limitations, Restrictions, and Exceptions

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Sethoxydim E-Pro may be used to control annual and perennial grasses in Christmas and deciduous tree farms. If a Christmas tree or deciduous tree is not listed on the label, the user may determine if Sethoxydim E-Pro can be used safely prior to broad use by applying the recommended use rate of Sethoxydim E-Pro to the target plant on a small test area under the conditions expected to be encountered. Any adverse effects should be visible within 7 days.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Restricted Entry Interval

12 hours

Timings

[Postemergence \(Weed\)](#)