

Basagran T/O (bentazon)

NC STATE EXTENSION

Introduction

Trade Name: Basagran
T/O

Common Name:
bentazon

Formulations:
4L

Uses

Postemergence control of seedling broadleaf weeds, yellow nutsedge and annual sedges in warm- and cool-season turf, nonbearing fruit or nut trees, and selected field-grown ornamental trees, shrubs, and groundcovers.

	Amount of Active Ingredient	Amount by Formulation
		4L
Per Acre	0.75 to 1 lb	24 to 32 oz
Per 1,000 sq ft		0.55 to 0.75 fl oz

Major Weeds Controlled

Annual sedges, mallow, purslane, smartweed, velvetleaf, wild buckwheat, wild mustard, Canada thistle, yellow nutsedge, and young seedling dayflower. Control of spring-germinating horseweed has also been observed, but fall-germinating horseweed was not controlled.

Major Weeds Not Controlled

Grasses, perennial broadleaves, and mature weeds are not controlled. Purple nutsedge, dandelion, plantain and woodsorrel are not controlled. Many broadleaf weeds are not well controlled when they are larger than 6 to 8 inches tall. See label for details.

For Best Results

Apply as a directed spray to small, actively growing weeds when soil moisture is good. Thorough coverage is essential for best results. For yellow nutsedge, two applications are recommended; the first in mid- to late June and the second 7 to 10 days later. For Canada thistle control, treat when the weed is between 8 inches tall and the bud stage; re-treat 7 to 10 days later. The addition of 1 qt/A of crop oil concentrate is recommended. Allow 8 hours of drying time.

Cautions and Precautions

Addition of crop oil concentrates will increase activity; however, crop foliage may be burned when humidity and temperature are high. Do not use on food crops within one year of harvest. Injury has been reported from directed applications around sycamore and *Taxus* (yew). Liriope is labeled but the variegated forms are more sensitive and are often injured.

Residual Activity

No soil residual activity should be expected.

Volatility and Leaching Potential

No loss occurs from volatility or photodegradation. Bentazon is rapidly absorbed by soil organic matter and degraded by microbes; therefore, leaching potential is low.

Symptoms and Mode of Action

Contact burning action. Translocation is minimal in most species. Symptoms may take up to several days to develop. Higher temperatures and addition of crop oil may accelerate and increase the incidence and severity of burn. In some sensitive species, interveinal chlorosis followed by necrosis may occur. Mode of Action classification: WSSA: Group 6; HRAC: C3

Additional Information

Worker Protection Standards	REI: 48 hours
	PPE: coveralls, chemical-resistant gloves, shoes plus socks
Manufacturer: BASF Corporation	EPA Reg. # 7969-326

Author

Joe Neal

Professor of Weed Science, Extension Specialist & Department Extension Leader Horticultural Science

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