Ryegrass Control on Unimproved Roadsides.

Piper® Herbicide provides an excellent tool for DOT managers and others to selectively control Italian ryegrass and other winter annual weeds on unimproved roadsides. Control of Italian ryegrass reduces mowing costs. Piper Herbicide also releases desirable bermudagrass and bahiagrass, which in turn reduces soil erosion.

SUPERIOR PERFORMANCE

• Controls Italian ryegrass and other winter annual weeds: reduces mowing costs
• Releases desirable bermudagrass and bahiagrass: reduces soil erosion
• Improves resistance management: two modes of action to help control ALS-resistant Italian ryegrass
• Wide application window: long-lasting pre-emergence and early post-emergence control

EPA REG. NO.  59639-193
ACTIVE INGR. flumioxazin (33.5%), pyroxasulfone (42.5%)
FORMULATION water-dispersible granule
CHEM. FAMILY flumioxazin, dicarboximide herbicide, pyroxasulfone, oxazole herbicide
GROUP NO. 14 and 15
MODE OF ACT. flumioxizin, protoporphyrinogen oxidase (PPO) inhibitor, pyroxasulfone, mitosis inhibitor
SIGNAL WORD caution
RESTRICTED no
PACKAGE SIZE 4 x 3.75 lb bottle
KEY USES
Hard to control weeds in unimproved roadsides and non-crop areas where bare ground is desired
(airports, brickyards, farm buildings, fence rows, gravel shoulders, guard rails, improved roadside areas, industrial plant sites, lumber yards, military installations, parking, pipelines, plant sites, pumping stations, railroad beds, railroad yards, shelter belts, storage, substations, tank farms, ungrazed wind breaks)

KEY WEEDS CONTROLLED
(See product label for complete list)
Barnyardgrass
Carpetweed
Chickweeds; common, mouseear
Crabgrass; large, smooth
Dandelion
Eclipta
Eveningprimrose, cutleaf
Florida beggarweed
Florida pusley
Foxtails; giant, green, yellow
Hairy indigo
Hemp sesbania
Henbit
Jimsonweed
Kochia
Lambsquarters, common
Marestail
Morningglory; entireleaf, ivyleaf, red, tall
Mustard, wild
Nightshades; black, hairy
Palmer amaranth
Pigweeds; redroot, smooth, spiny amaranth, tumble
Prickly sida, teaweed
Puncturevine
Purslane, common
Radish, wild
Ragweed, common
Russian thistle
Ryegrass; Italian, rigid
Shepherd’s purse
Velvetleaf
Waterhemp; common, tall

USE SUMMARY
APPLICATION INFORMATION
Piper® Herbicide may be applied by ground or by air. Application equipment should be clean and in good repair. Nozzles should be uniformly spaced on boom and frequently checked for accuracy.

GROUND APPLICATION
Piper Herbicide and Piper Herbicide tank mixes can be applied with ground equipment using standard commercial sprayers equipped with flat fan (pre-plant or pre-emergence applications only) designed to deliver the desired spray pressure and spray volume.

**APPLICATION RATE USE INSTRUCTIONS**

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<thead>
<tr>
<th>APPLICATION RATE</th>
<th>USE INSTRUCTIONS</th>
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<tbody>
<tr>
<td>6-10 oz/A</td>
<td>Apply Piper Herbicide during the fall, winter or spring when bahiagrass and bermudagrass are dormant or semi-dormant. Optimal application timing prior to germination of target weeds. Piper Herbicide can be applied with glyphosate or other translocating herbicides where weeds are greater than 2 inches in height or when more post-emergence activity is needed.</td>
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See label for complete directions for use.

**PIPER HERBICIDE + GLYPHOSATE TRIAL**
March 7, 2016 (56 DAA)
University of Georgia

<table>
<thead>
<tr>
<th>% CONTROL</th>
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<tr>
<td>83.8%</td>
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<td>98.8%</td>
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<td>86.3%</td>
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**PIPER HERBICIDE DELIVERS EXCELLENT CONTROL OF ITALIAN RYEGRASS**
Piper Herbicide unleashes a new level of pre-emergence and small-seeded broadleaf weed control. The trial demonstrates unparalleled, long-lasting control of Italian ryegrass.