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Group 27 Herbicide

New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration

Supplemental Label

PylexTM
herbicide

For postemergence control of broadleaf and grass weeds in select turfgrass species on golf courses, sod farms, and residential turfgrass

This supplemental label expires January 15, 2020, and must not be used or distributed after this date.

Active Ingredient:

topramezone: [3-(4,5-dihydro-isoxazolyl)-2-methyl-4-(methylsulfonyl)phenyl](5-hydroxy-1-methyl-1*H*-pyrazol-4-yl)methanone 29.7%

Other Ingredients: 70.3%

Total: 100.0%

1 gallon contains 2.8 lbs of topramezone free acid.

EPA Reg. No. 7969-327

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Pylex**TM herbicide container label, EPA Reg. No. 7969-327, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Pylex** before applying.
- Use of **Pylex** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Pylex**.

Product Information

Pylex may be applied as a postemergence broadcast or spot spray to residential and nonresidential turfgrass including:

- Airports
- Athletic fields
- Cemeteries
- Golf courses
- Grounds or lawns around residential and commercial establishments
- Houses of worship
- Military and other institutions
- Single/Multifamily dwellings
- Parks
- Picnic grounds
- Roadsides
- Schools
- Sod farms

Pylex™ herbicide is a broad-spectrum systemic postemergence herbicide for control or suppression of broadleaf and grass weeds in select turfgrass species:

- Bentgrass, creeping*
- Bermudagrass**
- Bluegrass, Kentucky
- Centipedegrass
- Fescue, fine
- Fescue, tall
- Paspalum, seashore**
- Ryegrass, perennial

* Creeping bentgrass is marginally tolerant to **Pylex** at a rate of 0.25 fl oz/A. Test on a small area before large-scale use.

** Bermudagrass and seashore paspalum are marginally tolerant and some turf injury can be expected. See **Special Weed Control** section.

Table 1. Postemergence Weed Control* in Turfgrass

Weed Species	Application Rate	Additive Rate
Annual Grass Weeds Controlled¹		
Barnyardgrass Crabgrass, large ⁴ Crabgrass, smooth ⁴ Crabgrass, southern ^{***,4} Cupgrass, woolly ^{***} Foxtail, giant Foxtail, green Foxtail, yellow ^{***} Goosegrass Johnsongrass, seedling ^{***} Millet, wild proso ^{***} Panicum, fall ^{***} Paspalum, slender Shattercane ^{***} Signalgrass, broadleaf ^{f***} Stiltgrass, Japanese ^{***} Velvetgrass, common Windmillgrass	1.0 to 1.5** fl ozs/A or 0.023 to 0.034 fl oz/1000 sq ft (0.7 to 1.0 mL)	COC or MSO 0.5 to 1% volume/volume (v/v) (2 to 4 qts/100 gallons of spray)
Perennial Grass Weeds Controlled/Suppressed		
Bermudagrass, common ^{2,4} Dallisgrass ^{***,4} Nimblewill ^{***} Zoysiagrass ⁴	3 applications at 1.0 to 1.33 fl ozs/A or 0.023 to 0.030 fl oz/1000 sq ft (0.7 to 0.9 mL) applied on a 3 to 4 week spray interval Initiate first application mid-to-late summer or approximately 9 weeks to 12 weeks before fall reseeding period for cool-season grasses. Reseeding will aid in the percent conversion of ground cover back to the desired cool-season grass species.	COC or MSO 0.5 to 1% v/v (2 to 4 qts/100 gallons of spray)

(continued)

Table 1. Postemergence Weed Control* in Turfgrass (continued)

Weed Species	Application Rate	Additive Rate
Broadleaf Weeds Controlled³		
Amaranth, Palmer*** Amaranth, Powell*** Burcucumber*** Carpetweed*** Chickweed, common*** Clover, large hop*** Clover, white Cocklebur, common*** Dandelion, common*** Galinsoga, hairy*** Ground ivy*** Horseweed (Marestail)*** Jimsonweed*** Kochia*** Lambsquarters, common Mallow, common*** Mallow, Venice*** Morningglory spp.*** Mustard spp.*** Nightshade, black*** Nightshade, Eastern black*** Nightshade, hairy*** Oxalis (Yellow wood sorrel)*** Pigweed, prostrate*** Pigweed, redroot Pigweed, smooth*** Pigweed, tumble*** Prickly lettuce*** Ragweed, common*** Ragweed, giant*** Shepherd's-purse*** Sida, prickly*** Smartweed, ladysthumb*** Smartweed, Pennsylvania*** Speedwell (<i>Veronica</i> spp.)*** Sunflower, wild (common)*** Thistle, Canada*** Thistle, Russian*** Velvetleaf Waterhemp***	1.0 to 1.5** fl ozs/A or 0.023 to 0.034 fl oz/1000 sq ft (0.7 to 1.0 mL)	COC or MSO 0.5 to 1% v/v (2 to 4 qts/100 gallons of spray)

* Under certain conditions, a single application of **Pylex™ herbicide** may not provide complete control. A sequential application of an additional 1.0 to 1.5 fl ozs/A of **Pylex** 2 to 3 weeks after initial treatment may be necessary.

** Use rate may be increased up to 2.0 fl ozs/A (0.046 fl oz/1000 sq ft) in Kentucky bluegrass only.

*** Not for use in California

¹ To improve control of annual grass weeds, make applications before the fourth tiller growth stage.

Use the 1.0 fl oz/A rate for annual grass weeds up to the second tiller growth stage.

For annual grass weeds in the 2 to 4 tiller stage, apply 1.5 fl ozs/A.

² Control of these species requires a tank mix with triclopyr ester at 32 fl ozs/A (1 lb ae/A).

³ To improve control of broadleaf weeds, make applications at early growth stages. To increase broadleaf weed species control spectrum, a tank mix with 2,4-D; triclopyr; or other broadleaf herbicide may be used.

⁴ See **Special Weed Control** section

Special Weed Control

Control of goosegrass in Bermudagrass and seashore paspalum: Apply a single application of **Pylex™ herbicide** at 0.5 fl oz/A to 0.75 fl oz/A with MSO to actively growing goosegrass. Bleaching/dicoloration can be expected to the desired turfgrass for 2 to 4 weeks. Apply as a spot spray or area spray to goosegrass infested areas at any growth stage. Large broadcast sprays may be objectionable due to significant bleaching for a prolonged period of time. A sequential application in Bermudagrass and seashore paspalum may result in significant turfgrass damage.

Selective control of Bermudagrass in cool-season turfgrass: **Pylex** can be used in combination with triclopyr ester (1 lb ai/A) to improve Bermudagrass control over **Pylex** applied alone. Make three applications of **Pylex** at 1.3 fl ozs/A with MSO and triclopyr at three week intervals or make two applications of **Pylex** at 1.5 fl ozs/A with MSO and triclopyr followed three weeks later by **Pylex** at 1 fl oz/A with MSO and triclopyr. Begin applications in late summer when Bermudagrass is approximately 9 to 12 weeks from first killing frost. **DO NOT** apply more than 4 fl ozs **Pylex** per acre per year. Delay seeding of desirable turfgrass species for 3 weeks after last application. The combination outlined above may require multiple years of applications to completely control Bermudagrass in cool-season turfgrass.

Non-selective control of Bermudagrass: **Pylex** can be used in combination with glyphosate to improve Bermudagrass control over glyphosate applied alone. Apply **Pylex** at 2 fl ozs/A with MSO in a tank mix with glyphosate (use labeled rate for Bermudagrass) to control Bermudagrass. If necessary, a second application may be made to control remaining Bermudagrass. **DO NOT** apply more than 4 fl ozs **Pylex** per acre per year. Seeding of cool-season species (fescues, ryegrass, Kentucky bluegrass) can be performed immediately after application. Delay seeding bentgrass for 2 weeks. Warm season species (Bermudagrass and seashore paspalum) can be seeded, sprigged or sodded two weeks after application.

Control of zoysiagrass: Make three applications of **Pylex** in late summer on a three week interval, prior to the onset of zoysiagrass dormancy.

Improved and more consistent control of crabgrass: Apply **Pylex** at 0.75 fl oz/A tank mixed with 32 fl ozs/A of **Drive® XLR8**. A sequential application may be required.

Improved dallisgrass control: Add 32 fl ozs/A of triclopyr ester and make two applications three weeks apart.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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