

Pylex™

Group 27 Herbicide

*(continued from
booklet attached to
front of container)*

herbicide

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

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION

EPA Reg. No. 7969-327 EPA Est. No. 241-PR-002

Product of Switzerland. Formulated in the US with domestic and imported ingredients.

Net Contents: **8 fl. oz.**

81074578

NVA 2018-05-382-0073

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

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Active Ingredient:

topramezone: [3-(4,5-dihydro-isoxazolyl)-
2-methyl-4-(methylsulfonyl)phenyl]

(5-hydroxy-1-methyl-1H-pyrazol-4-yl)

methanone 29.7%

Other Ingredients:..... 70.3%

Total:..... 100.0%

1 gallon contains 2.8 lbs of topramezone free acid.

See inside for **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Spray Drift Management

Many factors including weather conditions (e.g. wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Use only medium or coarser spray nozzles according to ASAE (S572) definition of standard nozzles.

For ground-boom applications, **DO NOT** apply with a nozzle height greater than 2 feet above the target site.

DO NOT apply at wind speeds greater than 10 mph.

When applying at wind speeds less than 3 mph, the applicator must determine if conditions of temperature inversion exist or stable atmospheric conditions exist at or below nozzle height. **DO NOT** make applications into areas of temperature inversion or stable atmospheric conditions.

Turfgrass Tank Mixes

Read and follow the applicable restrictions and limitations and directions for use on all products involved in tank mixing. Always follow the most restrictive

label use directions. To control additional broadleaf weed species, a tank mix with 2,4-D; triclopyr; or other broadleaf herbicide may be used. To increase control of grass weeds, a tank mix with **Drive® XLR8 herbicide** may be used. For extended residual control, apply **Pylex™ herbicide** with **Pendulum® 3.3 EC herbicide**, **Pendulum® AquaCap™ herbicide**, or **Tower® herbicide**.

The transitory whitening (bleaching) intensity of susceptible weed species from **Pylex** can be reduced with tank mix mixtures of **Drive XLR8** or triclopyr. Consult labels for turfgrass tolerance when tank mixing.

Physical incompatibility, reduced weed control, or turfgrass injury may result from mixing **Pylex** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Before tank mixing, a jar test is required to ensure compatibility of herbicides or other pesticides and/or additives. Refer to manufacturer's labels for specific use directions, precautions, restrictions, and limitations before tank mixing with **Pylex**. Follow those that are most restrictive.

Restrictions and Limitations

- **DO NOT** apply more than 2.0 fl ozs of **Pylex™ herbicide** per acre (0.046 fl oz per 1000 sq ft) per application.
- **DO NOT** apply more than 4.0 fl ozs **Pylex** (0.089 lb ai) per acre (0.092 fl oz per 1000 sq ft) per year.
- **DO NOT** apply more than three times per season.
- **DO NOT** apply to golf course collars or greens.
- Maintain a 5-ft buffer between treated areas and bentgrass greens.
- **DO NOT** make applications of **Pylex** to drought-stressed turfgrass and/or drought-stressed weeds.
- **Except for control or suppression of the following, DO NOT** apply to Bahiagrass, buffalograss, carpetgrass, St. Augustinegrass, zoysiagrass, dichondra, or desirable clover.
- **DO NOT** apply more than 0.25 fl oz/A per application to creeping bentgrass. Sequential applications may be required to achieve desired level of weed control.
- Direct spray, drift, or runoff will injure nontolerant turfgrass and ornamentals. **DO NOT** apply during conditions favoring drift from the target area. **DO NOT** apply within ornamental beds or to areas where runoff into those areas is likely to occur.
- **DO NOT** apply to exposed feeder roots of trees or ornamentals or within the dripline of trees and other ornamental species.
- **DO NOT** use clippings as mulch around flowers, ornamentals, trees, or in vegetable gardens.
- **DO NOT** apply through any type of irrigation system.
- **DO NOT** use to formulate or reformulate any other pesticide product that is not registered by EPA.
- **DO NOT** apply **Pylex** by air.
- **DO NOT** apply an organophosphate or carbamate insecticide within 7 days of applying **Pylex** or turfgrass injury may result.
- To reduce movement into sensitive species such as bentgrass, avoid foot and vehicle traffic until spray has dried.

Table 2. 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 ^{***} 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)

Table 2. Postemergence Weed Control* in Turfgrass (continued)

Weed Species	Application Rate	Additive Rate
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 2. Postemergence Weed Control* in Turfgrass *(continued)*

Weed Species	Application Rate	Additive Rate
Broadleaf Weeds Controlled³		
Amaranth, Palmer*** Amaranth, Powell*** Burdock*** 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.***	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)

Table 2. Postemergence Weed Control* in Turfgrass (continued)

Weed Species	Application Rate	Additive Rate
Broadleaf Weeds Controlled³		
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, ladythumb ^{***} Smartweed, Pennsylvania ^{***}	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)

(continued)

Table 2. Postemergence Weed Control* in Turfgrass (continued)

Weed Species	Application Rate	Additive Rate
Broadleaf Weeds Controlled³		
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 (Not for use on seashore paspalum in California): 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™ herbicide** 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 herbicide**. 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

(continued)

Conditions of Sale and Warranty *(continued)*

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF. 1108P

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