



Section 24(c) Special Local Need Label

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF FLORIDA

Manuscript®

For Control of Tropical Signalgrass and Other Grass Weeds on Bermudagrass and Zoysiagrass Golf Courses and Bermudagrass, Zoysiagrass and St. Augustinegrass Sod Farms

**Unregistered Pesticide
EPA SLN No. FL-180003**

Active Ingredient:

Pinoxaden*5.05%

Other Ingredients:94.95%

Total:100.00%

*CAS No. 243973-20-8

**KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO**

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This label must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the Manuscript label attached to the container.

USE SITES

Do not apply Manuscript for residential uses.

Apply Manuscript to bermudagrass and zoysiagrass golf courses and sod farms.

Apply Manuscript to St. Augustinegrass grown on sod farms only.

SPRAY ADJUVANTS

Manuscript must be applied in combination with Adigor spray surfactant at 0.5 to 1.0% volume:volume.

WEEDS CONTROLLED ON BERMUDAGRASS AND ZOYSIAGRASS GOLF COURSES AND SOD FARMS

Tropical Signalgrass

Apply Manuscript in a program approach with Monument® 75WG. Once large patches of tropical signalgrass have been controlled by Manuscript these areas can quickly become infested with nutsedge, kyllinga and broadleaf weeds. Sequential applications of Monument 75WG following Manuscript will control these weeds.

Treatments should be initiated early to mid-summer when tropical signalgrass is actively growing and not under stress. Apply the following herbicide program:

- Manuscript at 19.2 fl oz per acre followed 14 days later by
- Monument 75WG at 0.53 oz per acre followed 14 days later by
- Monument 75WG at 0.53 oz per acre.

Bull Paspalum and Thin Leaf Paspalum

Apply Manuscript early to mid-summer when bull and thin leaf paspalum are actively growing and not under stress. To control bull or thin leaf paspalum apply:

- Manuscript at 19.2 fl oz per acre once
- OR**
- Manuscript at 9.6 fl oz per acre followed 14 days later by
 - Manuscript at 9.6 fl oz per acre.

PRODUCT USE RATES

Broadcast Application Rates

fl oz product per acre	mL product per 1000 sq ft	fl oz product per 1000 sq ft	Comments
9.6	6.5	0.22	Make 2 applications, 14 to 21 days apart.
19.2	13.0	0.44	Apply once

Apply in a minimum water volume of 10 gallons per acre.

DO NOT apply more than 19.2 fl oz of Manuscript per acre per calendar year.

Spot Treatment Rate

For control of large established patches of tropical signalgrass, apply Manuscript as a spot treatment. To make a spot treatment, mix 9.6 fl oz of Manuscript in 10 to 20 gallons of water and add the appropriate spray adjuvant(s). Spray weeds until wet, but avoid run-off of spray solution and over-application. Make a second application 14-21 days after the first application. Spot treatments may cause yellowing and growth regulatory effects to the turfgrass.

For spot treatments, **DO NOT** treat more than 10,000 square feet per acre. **DO NOT** apply more than 19.2 fl oz of Manuscript per acre per calendar year.

Optimum, broad spectrum weed control is achieved when Manuscript is applied in a program approach with Monument 75WG. Once large patches of tropical signalgrass have been controlled by Manuscript these areas can quickly become infested with nutsedge, kyllinga and broadleaf weeds. Sequential applications of Monument 75WG following Manuscript will control these weeds.

TROPICAL SIGNALGRASS CONTROL IN ST. AUGUSTINEGRASS (SOD PRODUCTION ONLY)

Manuscript may cause temporary discoloration of St. Augustinegrass and reduced growth rate. Do not use Manuscript on St. Augustinegrass sod production unless injury can be tolerated.

For control of large established patches of tropical signalgrass, apply Manuscript as a spot treatment. To make a spot treatment, mix 9.6 fl oz of Manuscript in 10 to 20 gallon of water and add the appropriate spray adjuvant(s). Spray weeds until wet, but avoid run-off of spray solution and over-application. Make a second application 28 days after the first application. Spot treatments are likely to cause yellowing and growth regulatory effects to St. Augustinegrass.

For spot treatments, **DO NOT** treat more than 10,000 square feet per acre. **DO NOT** apply more than 19.2 fl oz of Manuscript per acre per calendar year.

During periods of cool environmental conditions and slow St. Augustinegrass growth injury observed with Manuscript may be prolonged.

Always read and follow the spray adjuvant label directions prior to use and observe all precautions, mixing and application instructions.

USE RESTRICTIONS AND PRECAUTIONS FOR GOLF COURSES AND SOD FARMS

- Manuscript may cause temporary discoloration of St. Augustine Grass and reduced growth rate. **DO NOT** use Manuscript on St. Augustine Grass sod production unless injury can be tolerated.
- **DO NOT** use on turfgrasses other than those listed above or severe injury may occur.
- **DO NOT** apply Manuscript to golf course greens.
- **DO NOT** apply Monument 75WG to newly seeded, sodded or sprigged turfgrass. Delay applications for at least 4 weeks after sprigging, seed emergence, or sodding.
- **DO NOT** apply by air or through any type of irrigation system.
- **DO NOT** apply more than 19.2 fl oz of Manuscript per acre per calendar year.
- Ornamental grasses and other landscape plants may be sensitive to Manuscript. Avoid direct application or spray drift to areas where these plants are grown.
- Manuscript is rainfast within 2 hour after application.

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