

Spreading Dayflower Biology and Management in Turf¹

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Spreading dayflower (*Commelina diffusa*) is a succulent annual that produces freely branched smooth stems. Leaves are broadly lance-shaped with closed sheaths. Sheaths are short with a few soft hairs on the upper margin. Flowers have three blue petals in a leaf-like structure open on the margins. Reproduction occurs via seed and stem fragments.



Figure 1. Spreading dayflower

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Herbicide options for controlling spreading dayflower in Florida turfgrass

(Always refer to the label for specific uses, application rates, and turfgrass tolerance)

Bermudagrass

- Preemergence: none
- Postemergence: bentazon, imazaquin, simazine, sulfentrazone+imazethapyr, sulfentrazone+2,4-D+MCP+dicamba, trifloxyfulfuron

St. Augustinegrass

- Preemergence: none
- Postemergence: atrazine, bentazon, imazaquin, simazine

Centipedegrass

- Preemergence: none
- Postemergence: atrazine, bentazon, imazaquin, simazine, sulfentrazone+imazethapyr, sulfentrazone+2,4-D+MCP+dicamba

Bahiagrass

- Preemergence: none
- Postemergence: bentazon, sulfentrazone+imazethapyr, sulfentrazone+2,4-D+MCP+dicamba

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Seashore paspalum

- Preemergence: none
- Postemergence: bentazon, imazaquin

Zoysiagrass

- Preemergence: none
- Postemergence: atrazine, bentazon, imazaquin, simazine, sulfentrazone+imazethapyr, sulfentrazone+2,4-D+MCP+dicamba, trifloxysulfuro

Perennial ryegrass

- Preemergence: none
- Postemergence: bentazon, sulfentrazone+2,4-D+MCP+dicamba

Refer to the publication Pest Control Guide for Turfgrass Managers at http://turf.ufl.edu/pdf/2012_UF_Pest_Control_Guide.pdf for brand names associated with chemical names listed.