

Violet Biology and Management in Turf¹

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Violets (*Viola* spp.) are diverse winter annuals and perennials. Perennials form rhizomes or long stolons. Many have heart-shaped leaves on long petioles and have a rosette growth habit. Some have linear leaves and others have palmate leaves. Flowers are generally purple, but can be white, pink or yellow. They reproduce by seed or, when produced, rhizomes.



Figure 1. Violet in grass
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Herbicide options for controlling violets in Florida turfgrass

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

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.

Bermudagrass

- Preemergence: none
- Postemergence: carfentrazone, 2,4-D+dicamba, dicamba, sulfentrazone, triclopyr+clopyralid, trifloxysulfuron

St. Augustinegrass

- Preemergence: none
- Postemergence: carfentrazone, 2,4-D+dicamba (follow label recommendations to minimize turf injury), dicamba sulfentrazone

Centipedegrass

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

Bahiagrass

- Preemergence: none
- Postemergence: carfentrazone, 2,4-D+dicamba, dicamba, sulfentrazone, triclopyr+clopyralid, trifloxysulfuron

Seashore paspalum

- Preemergence: none
- Postemergence: carfentrazone, sulfentrazone

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Zoysiagrass

- Preemergence: none
- Postemergence: carfentrazone, 2,4-D+dicamba, dicamba, sulfentrazone, triclopyr+clopyralid, trifloxysulfuron

Perennial ryegrass

- Preemergence: none
- Postemergence: carfentrazone, 2,4-D+dicamba, dicamba, sulfentrazone, triclopyr +clopyralid