

Johnsongrass

From: Miller, James H. and Steve T. Manning. [working title] An Expanded Nonnative Invasive Plants of Southern Forests: A Field Guide for Identification and Control. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. DRAFT - August 2008

Johnsongrass (*Sorghum halepense*) is an erect, perennial, warm-season grass, stout, 3 to 8 feet (1 to 2.5 m) tall, branching from the base having long and wide green leaves with prominent white midveins. Cone-shaped seed head with whorled branches becoming shorter near the top terminated by multiple reddish spikelets. Persists and colonizes by rhizomes and spreads by seeds. New plants can produce seeds in the first year. Each rhizome segment can sprout.

Recommended control procedures:

Thoroughly wet leaves with one of the following herbicides in water with a surfactant (June-October with multiple applications applied to regrowth):

■ **Recommendation for mature grass control**

Apply Outrider as a broadcast spray at 0.75 to 2 ounces per acre plus a non-ionic surfactant to actively growing johnsongrass. For handheld and high volume equipment, apply 1 ounce of Outrider per 100 gallons of water plus a non-ionic surfactant at 0.25 percent

Or apply Plateau as a 0.25-percent solution (1 ounce per 3-gallon mix) post emergence when plants are 18 to 24 inches (45 to 60 cm) tall or larger.

■ **Recommendation for seedling control**

Apply Journey as a 0.3-percent solution (1.2 ounces per 3-gallon mix) applied pre-emergence when desirable species are dormant.

■ Apply a glyphosate herbicide as a 2-percent solution (8 ounces per 3-gallon mix)