Members of the sedge family have leaves that are composed of a blade, sheath, and ligule. The leaf sheath is closed and the ligule is often absent, and when present is tiny. Stem structure is often triangular.

**Purple nutsedge** (*Cyperus ligularis*) is a perennial with underground runners that continue from tuber to tuber, forming chains. The tubers are bitter to taste. Purple nutsedge produces a purple or reddish seedhead and has a boat-shaped leaf tip (Figure 1).

**Yellow nutsedge** (*C. esculentus*) is a perennial with underground runners that stop at tubers. The tubers are sweet to taste or have little flavor. Yellow nutsedge produces a yellow seedhead and the leaf tip is needle-shaped (Figure 2).

**Globe sedge** (*Cyperus croceus*) is a perennial that forms a clump. Globe sedge has shiny leaves, a hard base, and seedheads shaped like globes (Figures 3 and 4).
Perennial (Green) kyllinga (*C. brevifolius*) is a mat-forming perennial with reddish to purple rhizomes. Leaves and stems are dark green. The seedhead is simple: nearly round or oblong with three short leaves just below. Green kyllinga reproduces by seed and rhizomes and is found in low areas or where moisture is excessive.

**Annual sedge** (*C. compressus*) is an annual that spreads by seed. The seed forms in clusters of flat, greenish, sometimes glossy spikes up to 1 inch long (Figures 5 and 6).

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**Herbicide options for controlling sedges in Florida turfgrass**

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

* Indicates intermediate safety use at reduced rate according to label.

**Bermudagrass**

- Preemergence: *S*-metolachlor (yellow and annual), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga)
- Postemergence: 2,4-D+MCPP+ dicamba+MSMA (yellow and annual), bentazone (yellow, annual, kyllinga), carfentrazone+quinclorac (yellow), flazasulfuron (purple, yellow, annual and kyllinga), halosulfuron (purple, yellow, annual and kyllinga), imazaquin (purple, yellow, annual and kyllinga), mesotrione (yellow), sulfentrazone (purple, yellow, annual, kyllinga), sulfentrazone+imazethapyr (purple, yellow, annual and kyllinga), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfosulfuron (purple, yellow, annual and kyllinga), trifloxysulfuron (purple, yellow, annual and kyllinga)

**St. Augustinegrass**

- Preemergence: *S*-metolachlor (yellow and annual), sulfentrazone+prodiamine* (purple, yellow, annual and kyllinga)
- Postemergence: bentazone (yellow, annual, kyllinga), halosulfuron (purple, yellow, annual and kyllinga), imazaquin (purple, yellow, annual and kyllinga), mesotrione* (yellow), sulfentrazone* (purple, yellow, annual, kyllinga), sulfentrazone+prodiamine* (purple, yellow, annual and kyllinga), sulfentrazone+prodiamine* (purple, yellow, annual and kyllinga), trifloxysulfuron (purple, yellow, annual and kyllinga)

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annual and kyllinga), sulfosulfuron (purple, yellow, annual and kyllinga)

Centipedegrass
• Preemergence: S-metolachlor (yellow and annual), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga)
• Postemergence: bentazone (yellow, annual, kyllinga), carfentrazone+quinclorac (yellow), flazasulfuron (purple, yellow, annual and kyllinga), halosulfuron (purple, yellow, annual and kyllinga), imazaquin (purple, yellow, annual and kyllinga), mesotrione (yellow), sulfentrazone (purple, yellow, annual and kyllinga), sulfentrazone+imazethapyr (purple, yellow, annual and kyllinga), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga)

Bahiagrass
• Preemergence: S-metolachlor (yellow and annual), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga)
• Postemergence: bentazone (yellow, annual, kyllinga), carfentrazone+quinclorac (yellow), flazasulfuron (purple, yellow, annual and kyllinga), halosulfuron (purple, yellow, annual and kyllinga), imazaquin (purple, yellow, annual and kyllinga), mesotrione (yellow), sulfentrazone (purple, yellow, annual and kyllinga), sulfentrazone+imazethapyr (purple, yellow, annual and kyllinga), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga)

Seashore paspalum
• Preemergence: sulfentrazone+prodiamine (purple, yellow, annual and kyllinga)
• Postemergence: flazasulfuron (purple, yellow, annual and kyllinga), halosulfuron (purple, yellow, annual and kyllinga), sulfentrazone (purple, yellow, annual and kyllinga), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga)

Zoysiagrass
• Preemergence: S-metolachlor (yellow and annual), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga)
• Postemergence: 2,4-D+MCPP+ dicamba+MSMA (yellow and annual), bentazone (yellow, annual, kyllinga), carfentrazone+quinclorac (yellow), flazasulfuron (purple, yellow, annual and kyllinga), halosulfuron (purple, yellow, annual and kyllinga), imazaquin (purple, yellow, annual and kyllinga), mesotrione (yellow), sulfentrazone (purple, yellow, annual and kyllinga), sulfentrazone+imazethapyr (purple, yellow, annual and kyllinga), sulfentrazone+prodiamine (purple, yellow, annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfosulfuron (purple, yellow, annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga), sulfentrazone+quinclorac (annual and kyllinga)