**MONOCOTS** Perennial

**DALLISGRASS** aka *paspalum*

A warm-season coarse semi-erect spreading perennial

Collar area has hairs on upper leaf surface and at leaf edges

Seedhead has 3-7 right-angled slender branches

Roots may have short rhizomes

**STRUCTURAL CHARACTERISTICS:**

- Leaf in bud: rolled
- Collar: broad
- Ligule: tall

**DISTRIBUTION:**

- Indigenous states

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**BROOMSEDGE**

A very narrow-leaved erect perennial

Collar area has hairs on upper leaf surface and on leaf edges

Seedhead is upright with white feather-like tufts

**STRUCTURAL CHARACTERISTICS:**

- Leaf in bud: folded
- Collar: narrow continuous
- Ligule: short with hairs

**DISTRIBUTION:**

- Indigenous states
**QUACKGRASS**

An erect narrow-leafed aggressive perennial

Leaf is rough on upper surface

Collar area has claw-like fleshy appendages (auricles) that clasp stem

Plant develops multiple rhizomes from base of plant

Seedhead is a single slender spike

**JOHNSONGRASS**

A very wide-bladed aggressively spreading prostrate perennial

Collar area has short hairs on upper surface near ligule

Spreads by multiple ¼-inch-thick rhizomes

**STRUCTURAL CHARACTERISTICS:**

- Leaf in bud: rolled
- Collar: broad continuous
- Ligule: short

**DISTRIBUTION:**

- Indigenous states

**STRUCTURAL CHARACTERISTICS:**

- Leaf in bud: rolled
- Collar: broad bottom pinched
- Ligule: tall with hairs

**DISTRIBUTION:**

- Indigenous states
MONOCOTS  Perennial

**NIMBLEWILL**

A very short-leafed stemmy spreading perennial herb

Leaves are short

Spreads by very slender stolons

On frequently mowed sites, plant often looks stemmy in fall

Turns off-white during winter

Collar area has long hairs at leaf edge

Seedhead has single, very slender spike

**STRUCTURAL CHARACTERISTICS:**

- **Leaf in bud:** rolled
- **Collar:** medium top pinched
- **Ligule:** short

**DISTRIBUTION:**

- Indigenous states

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**KNOTGRASS**

A prostrate spreading perennial

Collar area has short hairs at leaf edges and near ligule

Seedhead has two slender upright branches

**STRUCTURAL CHARACTERISTICS:**

- **Leaf in bud:** rolled
- **Collar:** broad bottom pinched
- **Ligule:** tall rounded

**DISTRIBUTION:**

- Indigenous states
**MONOCOTS**

**Perennial**

**YELLOW NUTSEDGE**
aka yellow nutgrass

A very rapidly growing erect perennial herb
Spreads by rhizomes with underground tubers
Leaves are v-shaped with a prominent midrib tapering to a sharp point
Stems are triangular
Seedhead is semi-open, carrying yellow seeds

**PURPLE NUTSEDGE**
aka purple nutgrass

Rapidly growing erect perennial herb
Spreads by rhizomes with underground tubers
Stems are triangular
Leaves are v-shaped, tapering to a sharp point
Seedhead is open, carrying dark or purple seeds

**DISTRIBUTION:**

- **Indigenous states**

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**DISTRIBUTION:**

- **Indigenous states**
**MONOCOTS Perennial**

**KIKUYUGRASS**
A low growing perennial that creeps with both stolons and rhizomes.
Flat leaf blades on light green leaves
Seedhead has 2 to 4 spikelets in upper sheath
Seeds are dark brown with large scars at the rounded base

**STRUCTURAL CHARACTERISTICS:**
- Leaf in bud: folded
- Collar: medium w/ fine hairs
- Ligule: hairy

**DISTRIBUTION:**
Indigenous states

**TORPEDOGRASS**
Aquatic grass with small leaves 1/16- to 1/4-in. wide
Leaves have hairs on top and often roll inward
Stems are stiff; often 1- to 3-ft. tall
Grows from underground rhizomes with hard, pointed tips

**STRUCTURAL CHARACTERISTICS:**
- Leaf in bud: rolled
- Collar: narrow (a pale band)
- Ligule: hairy

**DISTRIBUTION:**
Indigenous states