

# 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

## BROOMSEGE

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

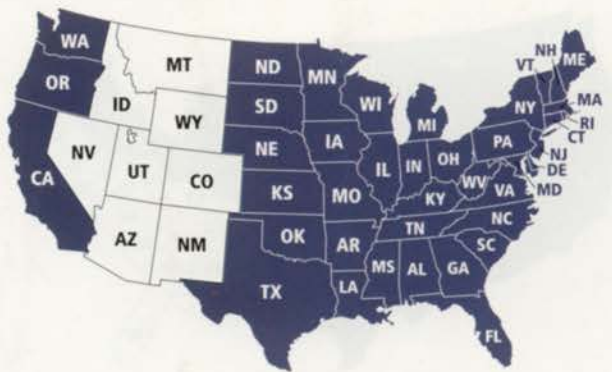


Collar: narrow continuous



Ligule: short with hairs

### DISTRIBUTION:



■ Indigenous states

# MONOCOTS *Perennial*

## QUACKGRASS

An erect narrow-leaved 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 1/4-inch-thick rhizomes



### STRUCTURAL CHARACTERISTICS:



*Leaf in bud:*  
rolled



*Collar:*  
broad  
continuous



*Ligule:*  
short

### STRUCTURAL CHARACTERISTICS:



*Leaf in bud:*  
rolled



*Collar:*  
broad  
bottom pinched



*Ligule:*  
tall  
with hairs

### DISTRIBUTION:



■ *Indigenous states*

### DISTRIBUTION:



■ *Indigenous states*

# MONOCOTS *Perennial*

## NIMBLEWILL

A very short-leaved stemmy spreading perennial herb

Leaves are short

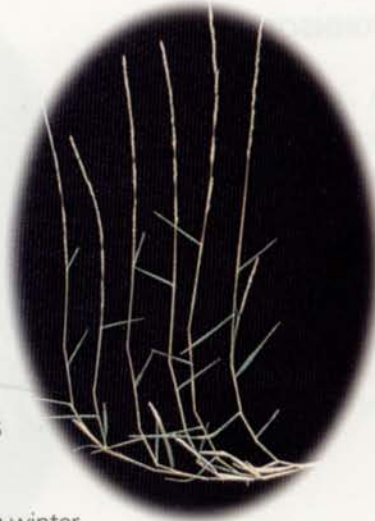
Spreads by very slender stolons

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



## 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:  
medium  
top pinched



Ligule:  
short

### STRUCTURAL CHARACTERISTICS:



Leaf in bud:  
rolled




Collar:  
broad  
bottom pinched



Ligule:  
tall  
rounded


### DISTRIBUTION:



 Indigenous states

### 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

### DISTRIBUTION:



Indigenous states