

North Dakota Grassland Plant Identification

QUIZ VERSION

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Identification steps

1. What's the overall appearance like?
 - *Is it tall or short? Is it growing thick or thin? Is it a grass or broad-leaved plant?*
2. Looking closer, what's the first thing you notice?
 - *Color? Prickles? Flowers? etc.*
3. Leaf and stem characteristics?
 - Grass *Ligule? Auricles? Color? Texture?*
 - Broad-leaved plant *Simple or compound? Alternate/opposite/whorled? Shape? Edges? Texture?*
4. If an inflorescence or flowers are present, what do they look like?
 - Grass *Inflorescence type? Size and shape?*
 - Broad-leaved plant *Size and shape? Color? Number of petals?*

LOOK FOR THE DEFINING FEATURES THAT MAKE EACH SPECIES UNIQUE



The Horse



Minnesota Seasons



The Echinacea Project



Minnesota Department of Agriculture



© MTNHP - Andrea Pipp

2-4 feet tall

Canada thistle

Cirsium arvense

Forb

Non-native NOXIOUS WEED



2-4 feet tall

Smooth bromegrass

Bromus inermis

Cool-season grass

Non-native



Native American Seed



North Carolina Extension



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UA Division of Agriculture Extension



2003 © Peter M. Dziuk

2-3 feet tall

Little bluestem
Schizachyrium scoparium

Warm-season grass
Native



Beaux Arbres Native Plants



Missouri Plants



© Texas Tech University



The Echinacea Project



Virginia Wildflowers

2-6 feet tall

Maximilian sunflower

Helianthus maximiliani

Forb

Native



3-6 feet tall



Switchgrass

Panicum virgatum

Warm-season grass

Native



www.GardenSeedsMarket.com

1-2 feet tall



Illinois Wildflowers



NC State Extension



Go Botany



CABI Digital Library

Kentucky bluegrass

Poa pratensis

Cool-season grass

Non-native



IPM Images

5394336

2-4 feet tall



iNaturalist



Calscape



Idaho Fish and Game

Western wheatgrass

Pascopyrum smithii

Cool-season grass

Native – ND STATE GRASS



© Keir Morse

Go Botany

1-3 feet tall



Missouri Plants



Missouri Plants



Missouri Plants



MNL Corp



Central Texas Plants

Upright prairie coneflower

Ratibida columnifera

Forb

Native



Missouri Weed ID



Siskiyou Seeds



Alabama Wildlife Federation



Wikipedia

1-2 feet tall

Common yarrow
Achillea millefolium

Forb
Native



USU Extension



Green Bee Lawn Care



© Aaron J. Patton



2016 © Peter M. Dziuk

2-4 feet tall

Quackgrass

Elymus repens

Cool-season grass

Non-native

© 2008 k. chayka



Go Botany



Southwest Desert Flora



© 2009 k. chayka



Betterbee

2-5 feet tall

Sweetclover

Melilotus spp.

Legume

Non-native



2014 © Peter M. Dziuk



The Prairie Ecologist

Copyright © Chris Melzer/T&E



© Keir Morse



Missouri Plants

© 2007 Katy Chayka



2014 © Peter M. Dziuk

1-3 feet tall

Western snowberry
Symphoricarpos occidentalis

Shrub
Native



Illinois Wildflowers



Prairie Moon Nursery



© 2007 k. chayka



Morning Sky Greenery

1-2 feet tall

Prairie rose

Rosa arkansana

Shrub

Native – ND STATE FLOWER



2004 © Peter M. Dziuk

1-3 feet tall



Illinois Wildflowers



NC State Extension



© G. D. Bebeau



The National Gardening Association



© 2010 k. chayka

Purple prairie clover

Dalea purpurea

Legume

Native



Wikipedia

4-7 feet tall



Soil Crop and More



©G D Bebeau



Copyright Chris Helzer/The Nature Conservancy

Big bluestem

Andropogon gerardii

Warm-season grass

Native



4-7 feet tall

Indian grass

Sorghastrum nutans

Warm-season grass

Native



2003 © Peter M. Dziuk

2-3 feet tall



© Keir Morse - keiriosity.com



Soil Crop and More



Des Moines Feed & Nature Center



Illinois Wildflowers

Sideoats grama
Bouteloua curtipendula

Warm-season grass
Native

© 2009 Katy Chayka



1-3 feet tall



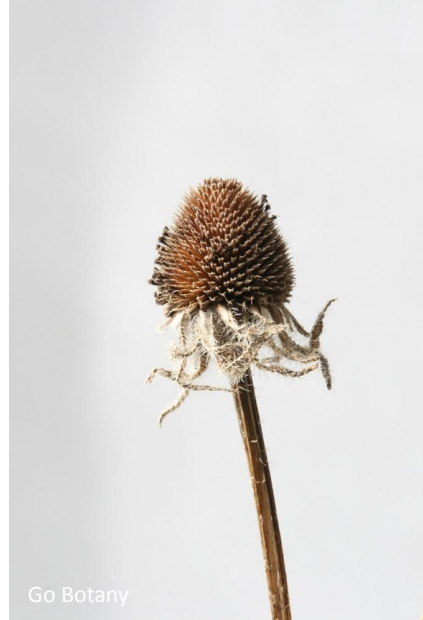
Go Botany



Ornithoglossum
http://www.ornithoglossum.com



Illinois Wildflowers



Go Botany

Black-eyed Susan

Rudbeckia hirta

Forb

Native



High Plains Environmental Center



2015 © Peter M. Dziuk



Stock Seed Farms



Illinois Wildflowers

½-2 feet tall

Blue grama

Bouteloua gracilis

Warm-season grass

Native



North Dakota State University

1-2 feet tall



© 2009 Katy Chayka



Jefferson County, Colorado



Western New York Prism

5543195



Jefferson County, Colorado

Leafy spurge
Euphorbia virgata

Forb

Non-native NOXIOUS WEED



© 2009 Katy Chayka



Abies Wormwood leaf
(*Arenaria oblongifolia* L.)
Sheridan County Nebraska
8/17



2004 © Peter M. Dziuk



iNaturalist

2-4 feet tall



Pans Garden Nursery

25 6:47PM



Absinth wormwood

Artemisia absinthium

Forb

Non-native NOXIOUS WEED



Stevenson Intermountain Seed

1-3 feet tall



© 2008 Katy Chayka



Missouri Plants



Science Photo Gallery



Wikipedia

Alfalfa

Medicago sativa

Legume

Non-native