



2012 HERBICIDE HANDBOOK

SEEDLING + ESTABLISHED



SEEDLING STAGE

**Plateau® Tolerant Native Grasses and Forbs@ 4 oz/acre in mixed grass/forb stands.
Pre-emerge application before seed germination.**

Native Grasses

Big Bluestem
Little Bluestem
Indiangrass
Sideoats Grama* (2-8 ounces per acre)
Blue Grama* (2-8 ounces per acre)
Buffalograss* (2-6 ounces per acre)
Eastern Gamagrass* (2-6 ounces per acre)

*Rates at the higher end of the tolerance spectrum can result in growth regulation, stunting or thinning of newly seeded species.

Native Forbs

Black-Eyed Susan	Rudbeckia hirta
Illinois Bundleflower	Desmanthus illinoensis
Purple Coneflower	Echinacea purpurea
Upright Prairie Coneflower	Ratibida columnifera
Clasping Coneflower	Dracopsis amplexicaulis
Dwarf Red Plains Coreopsis	Coreopsis tinctoria var.
Lance Leaved Coreopsis	Coreopsis lanceolata
Plains Coreopsis	Coreopsis tinctoria
Blue False Indigo	Baptisa australis
Perennial Lupine	Lupinus perennis
Mexican Hat	Ratibida columnifera
Partridge Pea	Cassia fasciculata
Purple Prairie Clover	Dalea purpurea
White Prairie Clover	Dalea candidum

Based on field experience, university, and BASF research, the following species commonly established when planted in mixed stands of grasses and forbs in Plateau-treated areas. See additional guidelines below.

Forbs

Roundhead Lespedeza	Lespedeza capitata
Leadplant	Amorpha canescens
Butterfly Milkweed	Asclepias tuberosa
Rough Blazing Star	Liatris aspera
Spiked Liatris	Liatris spicata
Prairie Blazing Star	Liatris pycnostachya
New England Aster	Aster novae-angliae
Sky Blue Aster	Aster oolentangiensis
Blanket Flower	Gaillardia aristata
Indian Blanket	Gaillardia pulchella
Showy Tick-trefoil	Desmodium canadense
Blue Fax	Linum lewisii
Sweet Coneflower	Rudbeckia subtomentosa
Brown-Eyed Susan	Rudbeckia triloba

Forbs (continued)

Ironweed	Vernonia gigantean
Prairie Coreopsis	Coreopsis palmata
Maximilian Sunflower	Helianthus maximilina
Common Yarrow	Achillea millefolium
Goldenrod	Solidago spp.
Alfalfa (introduced)	Medicago sativa
Sweetclover (introduced)	Melilotus spp.

Grasses

Western Wheatgrass	Agropyron smithii
Canada Wildrye	Elymus canadensis
Virginia Wildrye	Elymus canadensis
Switchgrass	Panicum virgatum
Needle and Thread	Stipa comata
Sand Dropseed	Sporobolus cryptandrus

- Forbs should be established only as part of a seed mixture with tolerant grasses. •For greater forb tolerance, apply at 3 ounces/ac especially on sandy soils, alkaline pH soils and dry sites.
- Some forbs have greater tolerance to post-emergence Plateau applications to seedlings that have at least 3 true leaves, whereas other forbs have greater tolerance to Plateau applications made prior to seed germination.
- Avoid post-emergence applications to newly emerging forb seedlings with less than 3 true leaves as injury may occur.
- Consult label for further guidelines on forb and wildflower plantings.



ESTABLISHED STAGE

Plateau® Tolerant Native Grasses and Forbs @ 4 oz/acre in mixed grass/forb stands. Established plants, applied post emergence.

Native Grasses

Big Bluestem
Little Bluestem
Indiangrass
Broomsedge
Prairie Threeawn
Prairie Sandreed
Bluebunch Wheatgrass
Slender Wheatgrass
Streambank Wheatgrass
Western Wheatgrass
Bottlebrush Squirreltail
Sideoats Grama
Blue Grama
Green Needlegrass
Needle and Thread
Sand Dropseed
Canada Wildrye*
Virginia Wildrye*
Buffalograss*
Eastern Gamagrass*
Switchgrass*

* Growth regulation, stunting, or stand thinning can occur.

Native Forbs

New England Aster
Prairie Aster
Beggar Ticks
Black-Eyed Susan
Blanketflower
Illinois Bundleflower
Purple Coneflower
Upright Prairie / Longheaded Coneflower
Dwarf Red Plains Coreopsis
Lance Leaved Coreopsis
Plains Coreopsis
Blue Flax
Indian Blanket
Lemon Mint
Perennial Lupine
Mexican Red Hat Coneflower
Partridge Pea
Purple Prairie Clover
White Prairie Clover



3 WEEKS POSTPLANTING

Aster novae-angliae
Aster tanacetifolius
Bidens frondosa
Rudbeckia hirta
Gaillardia aristata
Desmanthus illinoensis
Echinacea purpurea
Ratibida columnifera
Coreopsis tinctoria var.
Coreopsis lanceolata
Coreopsis tinctoria
Linum perenne
Gaillardia pulchella
Monarda citriodora
Lupinus perennis
Ratibida columnifera red
Cassia fasciculata
Dalea purpurea
Dalea candidum

Native Forbs (continued)

Showy Tick-trefoil
Leadplant
Common Milkweed
Butterfly Milkweed
Prairie Scurf Pea
Wild Violet
Clasping Coneflower
Spiked Liatris
Prairie Blazingstar / Thickspike Gayfeather
Common Yarrow
Goldenrod

Desmodium canadense
Amorpha canescens
Asclepias syriaca
Asclepias tuberosa
Psoralea esculenta
Viola spp.
Dracopsis amplexicaulis
Liatris spicata
Liatris pycnostachya
Achillea millefolium
Solidago spp.