



Annual and Perennial Flower Selections For North Dakota

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Annuals and perennials are an excellent source of color and accent to North Dakota landscapes. Annuals are used for their continuous flower color throughout most of the growing season. Because North Dakota summers are so unpredictable, it is usually a good idea to use transplants after killing frost threats have passed. Perennials are used for their permanence in the landscape setting, offering specific periods of bloom, relatively low maintenance, and wide adaptability.

Where annuals are started anew each growing season, perennials can usually be divided in the spring or fall. These new divisions can either be replanted or given to a friend or neighbor.

The organization of this circular is to provide annual suggestions for specific locations in and around the landscape: Low growing plants, tall, shade, full sun/dry locations, for massing, naturalizing, and fragrance. This does not mean that a plant selected for a particular location absolutely cannot grow in another type of location. It is merely a guide indicating where the selected plants grow best under those conditions. Some plants may be listed in more than one category.

NDSU
Extension Service

North Dakota State University, Fargo, North Dakota
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Annuals

Low Growing (6" - 8")

Ageratum
Alyssum – ‘Carpet of Snow’
Dahlberg Daisy
Dianthus – Princes Series
Dusty Miller
Lobelia
Marigolds (Dwarf)
Moss Rose
Nemophila
Nierembergia
Pansy
Snapdragons (Dwarf)
Vinca – Carpet Series
Zinnia (Dwarf)

Tall Plants (24" - 48"+)

Cannas
Celosia
Cleome
Cosmos – Sensation Mix
Fountain Grass
Marigold – Climax & Jubilee Series
Nicotiana
Snapdragon – Rocket Strains
Statice
Sweet Pea – Vine to 6'+
Zinnia – Specific cultivars

Intermediate Height (10" - 20")

Begonia (wax)
Gaillardia ‘Red Humel’
Gomphrena
Geranium
Impatiens
Marigold – Zenith, Discovery
Petunia
Salvia splendens
Verbena
Vinca
Zinnia angustifolia

Plants For Shade

Begonia – Wax and Tuberous
Coleus
Dahlberg Daisy – Light
Impatiens
Lobelia – Light
Myosotis – (Forget-Me-Not)
Nemisia – Light
Nemophila – Light
Nicotiana – Light
Nigella
Pansy
Poppy – Light, or east side
Rudbeckia – Light
Torenia – Light

Full Sun/ Dry Locations

Calendula – Prince Series
California Poppy
Cleome
Dusty Miller (Senecio)
Eustoma (Lisanthus)
Gaillardia
Moss Rose – ‘Magic Carpet’
Statice (Limonium)
Sanvitalia
Tithonia (Mexican Sunflower)
Verbena

Striking Flower Show – Massed Plantings

Alyssum – ‘Carpet of Snow’
Dianthus – Princess Series
Dahlberg Daisy
Geranium – Orbit & Ringo Series
Marigold – Jubilee Series
Petunia – Multifloras
Portulaca (Moss Rose)
Salvia – Sizzler Series
Snapdragon – Sweetheart Series
Verbena
Zinnia

Plants For Naturalizing

Campanula (Tall Bellflower)
Cleome
Forget-Me-Not (Myosotis)
Fountain Grass (Pennisetum spp.)
Gaillardia (Indian Blanket)
Hare’s Tail (Lagarus ovatus)
Lupinus (Texas Bluebonnet)
Nigella (Love-In-A-Mist)
Rudbeckia (Black-Eyed-Susan)

Annuals Planted For Fragrance

Alyssum
Four-O’Clock
Heliotrope
Mignonette
Moonflower (vine)
Nasturtium
Nicotiana
Pincushion Flower
Snapdragon
Stock
Sweet Pea

Annuals For Drying

Amaranthus caudatus
Fountain Grass
Gomphrena
Helichrysum (strawflower)
Quaking Grass
Salvia farinaceae
Statice

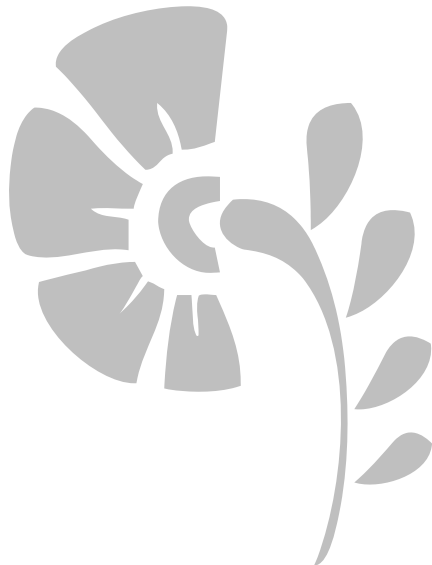


Perennials

Perennials are often used to solve trouble some spots in the landscape. Some of these areas might be wet, dry, shady, or possess infertile soil. Perennials are effective background plantings, for naturalizing, or simply as a border to define a planting bed.

Wet areas could be planted with *Iris sibirica*, *Monarda didyma*, and *Viola odorata*. For dry areas, the use of *Achillea* or *Hemerocallis* might be considered. Where the soil is poor, *Gypsophila* or Blue False Indigo (*Baptisia australis*) could be used. For tall background plantings, consider *Phlox paniculata* or *Boltonia asteroides* 'Snow-bank'. Naturalized plantings may use the Prairie Gayfeather (*Liatis*) or *Echinacea*, while rocky areas will accommodate plantings of *Columbine* (*Aquilegia*) and *Basket-of-Gold* (*Aurinia saxatilis* 'Citrina'). Borders can be accented effectively with *Snow-In-Summer* (*Cerastium tomentosum*) or *Phlox subulata* (Moss Pink).

Perennial selection can be made on the basis of flower color and the season of bloom. The following selections will highlight these qualities.



Color Guide

Blue to Purple

Ajuga
Aquilegia
Aster
Campanula
Delphinium
Echinacea
Hosta
Iris
Liatis
Phlox
Platycodon
Salvia
Scabiosa
Veronica
Viola

Pink to Red

Achillea millefolium
Aster
Astilbe
Boltonia
Dianthus
Dicentra
Echinacea
Erigeron
Geranium
Hemerocallis
Heuchera
Iris
Lobelia cardinalis
Lychnis calcedonica
Paeonia
Phlox
Physostegia
Salvia 'Rose Queen'
Sedum spectabile

Gray to Blue, & Variegated Foliage

Achillea *Hosta*
Ajuga *Lamium*
Artemisia *Sedum*
Cerastium *Thymus*
Dianthus
Echinops
Gypsophila
Heuchera

Yellow to Orange

Achillea 'Coronation Gold'
Alchemilla
Aurinia saxatilis
Coreopsis
Gaillardia
Hemerocallis
Heliopsis
Iris
Ligularia
Linum flavum
Oenothera
Papaver orientale
Ratibida
Rudbeckia
Sedum
Solidago

White

Achillea 'Angels Breath'
Arabis albida
Aruncus
Aster
Astilbe
Boltonia
Cerastium
Dendranthemum
Dianthus
Dicentra
Dictamnus
Echinacea
Gypsophila
Hosta
Iris
Paeonia
Phlox
Veronica
Yucca

Season of Bloom

May to June

Ajuga
Aster
Cerastium
Dicentra
Dictamnus
Erigeron
Geranium
Iris
Paeonia
Lychins chalcedonica
Viola

June to July

Aruncus
Campanula
Delphinium
Heuchera
Salvia 'Rose Queen'
Yucca

July to August

Achillea 'Angels Breath'
Ligularia
Lobelia cardinalis
Monarda
Physostegia
Ratibida

August to September

Aster
Boltonia
Sedum spectabile

Extended Season of Bloom

Achillea millefolium
Aquilegia
Coreopsis
Echinacea
Dianthus
Gaillardia
Gypsophila
Heliopsis
Hemerocallis
Hosta
Liatris
Linum flavum
Oenothera
Phlox
Rudbeckia
Sedum
Solidago
Veronica

Heights:

Under 12"

Ajuga
Asarum
Aurinia
Cerastium
Dianthus deltoides
Coreopsis 'Golden Shower'
Iris cristata
Iris pumila
Oenothera missourensis
Phlox subulata
Sedum
Viola

12-24"

Achillea 'Baby's Breath'
Achillea 'Moonshine'
Achillea 'Fire King'
Arum
Asarum
Campanula rotundifolia
Coreopsis auriculata 'Nana'
Dendranthemum
Dianthus barbatus
Dictamnus albus
Erigeron 'Walther'
Geranium
Heuchera sanguinea
Hosta lancifolia
Iris, Bearded
Linum perenne
Lychnis X arkwrightii
Paeonia tenuifolia
Phlox divaricata
Sedum aizoon
Sedum 'Autumn Joy'
Sedum spectabile
Veronica 'Crater Lake Blue'
Veronica spicata

Over 24"

Achillea filpendulina
Aquilegia canadensis
Aster
Astilbe
Boltonia asteroides 'Snowbank'
Campanula glomerata
Coreopsis 'Golden Shower'
Delphinium elatum
Dictamnus albus 'Purpureus'
Echinacea purpurea
Echinops vitro
Eryngium X zabelii 'Amethyst'
Gypsophila paniculata
Hosta sieboldiana
Iris
Liatris spicata
Lychnis chalcedonica
Monarda didyma
Papaver orientale
Phlox paniculata
Physostegia virginiana
Rudbeckia
Salvia
Solidago 'Gold Dwarf'
Veronica virginica
Yucca

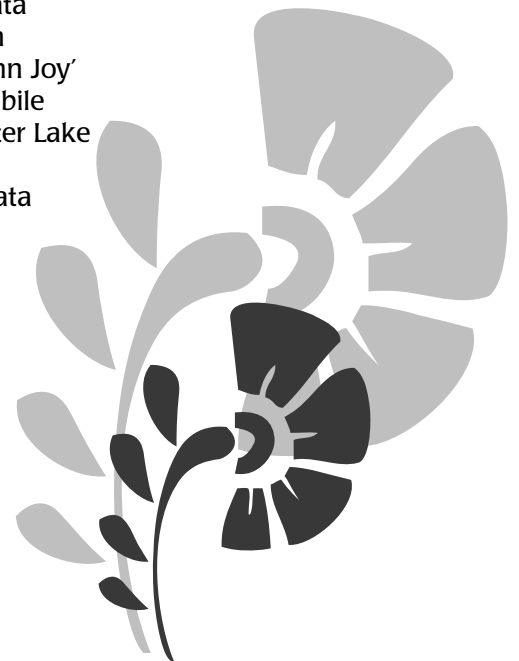
Foliar Impacts

Gray, Blue, & Variegated – Season Long

Achillea	Heuchera
Ajuga	Hosta
Artemisia	Lamium
Cerastium	Perovskia
Dianthus	Sedum
Echinops	Thymus
Gypsophila	

Shade Tolerant Perennials

Ajuga spp.	Dicentra spectabilis
Aquilegia canadensis	Digitalis spp.
Asarum canadense	Hosta spp.
Astilbe spp.	Lamium spp.
Bergenia cordifolia	Mertensia virginica
Campanula spp.	Myosotis spp.
Centaurea macrocephala	Phlox divaricata
Cimicifuga racemosa	Ranunculus repens
Coreopsis spp.	Sedum kamtschaticum



All-America Selection (AAS) Winners

AAS Winners are announced every year by the flower and vegetable gardening industry.

It would behoove the interested gardener to consider using them in their plant selections, whether current winners or winners from previous years. These are the most extensively tested herbaceous plants in North America with NDSU having two AAS Demonstration Gardens: one on the campus in Fargo, and the other at the Williston Research Center in Williston. There, you can observe just how well these selections are doing under 'normal' care."



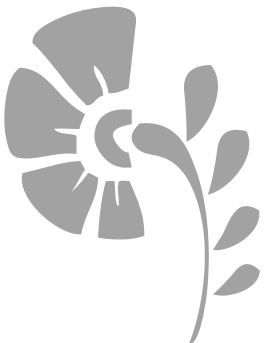
Common Name Reference

Annuals

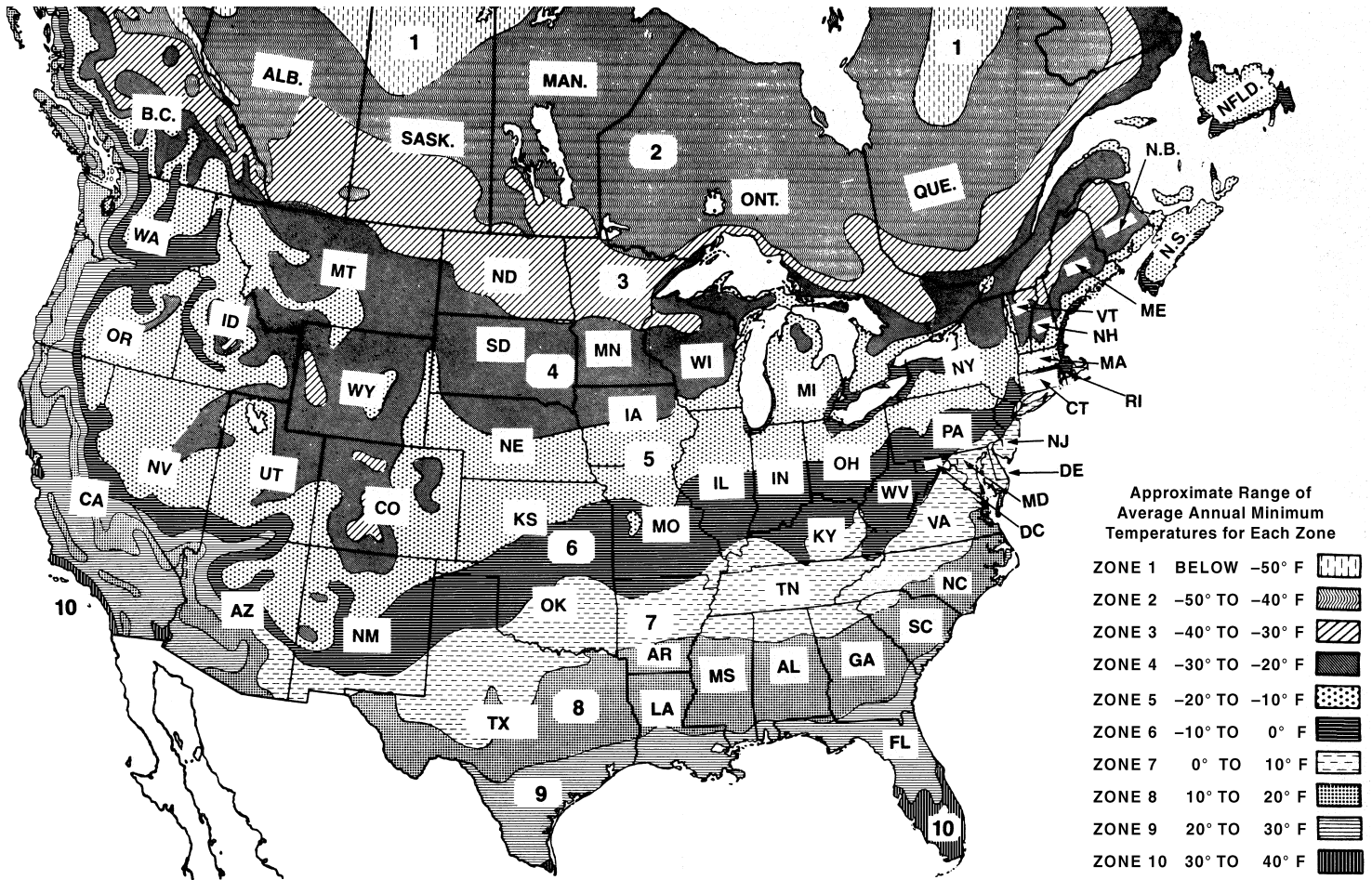
Ageratum – Floss Flower
Amaranthus – Love-lies-bleeding
Antirrhinum – Snapdragon
Begonia – Begonia
Briza – Quaking grass, Rattlesnake grass
Calendula – Calendula
Campanula – Bellflower
Celosia – Cockscomb, plumed and crested
Centaurea – Basket flower
Chrysanthemum – Chrysanthemum
Cleome – Spider flower
Coleus – Coleus, Flame nettle
Consolida – Larkspur
Coreopsis – Calliopsis
Cosmos – Cosmos
Cynoglossum – Chinese forget-me-not
Dianthus – Pink, Sweet William
Dyssodia – Dahlberg daisy
Eschscholzia – California poppy
Eustoma – Lisianthus, Prairie gentian
Gaillardia – Blanket flower
Gerbera – Transvaal daisy
Gomphrena – Globe amaranth
Gypsophila – Baby's breath
Helichrysum – Strawflower
Iberis – Rocket candytuft
Impatiens – Garden balsam
Ipomoea – Moonflower, Morning glory
Lathyrus – Sweet pea
Limonium – Statice, Sea lavender
Lobelia – Lobelia
Lobularia – Sweet alyssum
Moluccella – Bells-of-Ireland
Myosotis – Forget-me-not
Nemesia – Pouch nemesia
Nicotiana – Flowering tobacco
Nigella – Nigella, Fennel flower
Papaver – Poppy, Iceland poppy
Pelargonium – Geranium
Petunia – Petunia
Phlox – Annual phlox
Portulaca – Portulaca, moss rose
Rudbeckia – Coneflower
Salvia – Salvia, sage
Senecio – Dusty miller
Tagetes – Marigold
Tithonia – Mexican sunflower
Tropaeolum – Nasturtium
Viola – Violet, Viola, Pansy
Zinnia – Zinnia

Perennials

Achillea – Yarrow
Ajuga – Bugleweed
Alchemilla – Lady's mantle
Anaphalis – Pearly everlasting
Aquilegia – Columbine
Arabis – Rock cress
Artemisia – Wormwood
Aruncus – Goatsbeard
Astilbe – Astilbe, False spirea
Aurinia – Basket-of-gold
Boltonia – Boltonia
Campanula – Bellflower
Cerastium – Snow-in-summer
Coreopsis – Tickseed
Delphinium – Delphinium, Larkspur
Dianthus – Pink
Dicentra – Bleeding heart
Dictamnus – Gas plant
Echinacea – Purple coneflower
Erigeron – Fleabane
Gaillardia – Blanket flower
Geranium – Cranesbill
Gypsophila – Baby's breath
Heliopsis – False sunflower, oxeye
Hemerocallis – Daylily
Heuchera – Alumroot
Hosta – Plantain lily
Iris – Iris
Lamium – Dead nettle
Liatris – Blazing star, gay-feather
Ligularia – Bigleaf goldenray
Linum – Flax
Lobelia – Cardinal flower
Lychnis – Arkwright campion, rose campion
Monarda – Bee balm
Myosotis – Forget-me-not
Oenothera – Sundrops, Primrose
Paeonia – Peony
Papaver – Poppy
Perovskia – Azure sage, Russian sage
Phlox – Prairie phlox
Physotegia – Obedience, False dragonhead
Ratibida – Prairie coneflower
Rudbeckia – Coneflower, black-eyed Susan
Salvia – Sage
Scabiosa – Pincushion flower
Sedum – Stonecrop
Solidago – Goldenrod
Thymus – Thyme
Veronica – Speedwell
Viola – Violet
Yucca – Adam's needle



USDA *Plant Hardiness Zone* Map



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