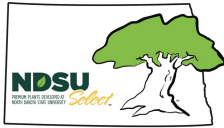


Super Shrubs for Home Landscapes

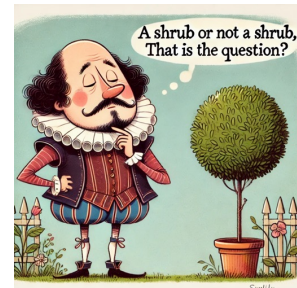


Todd P. West, Ph.D.

NDSU NORTH DAKOTA AGRICULTURAL
EXPERIMENT STATION

1

Is it a tree or is it a shrub?



2

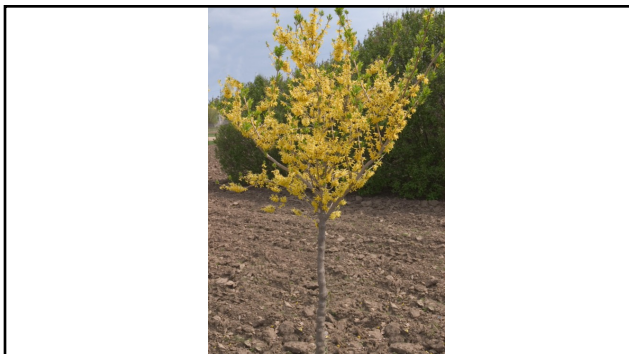
Is it a tree or is it a shrub?

- Tree
 - woody plant with one main stem at least 12-15' tall and having a distinct head in most cases (Dirr, 2009).
- Shrub
 - woody plant that is never tree-like in habit and produces branches or shoots from or near the base (Dirr, 2009).
- Tree-form
 - shrub species is trained or grafted to resemble small tree.

3



4



5

Why plant shrubs?

- Screen unwanted sights
- Direct traffic
- Unify the space
 - Place shrubs as intermediaries to create a smooth transition from large elements, such as the house and trees, to low-lying elements, including lawn and flowers.
- Save space
 - When space is tight, and a tree won't fit, create a focal point with a single showy shrub.
- Aesthetics
 - Foliage
 - Flowers
 - Fruit



6



7

Explore and Have Fun.
Don't End Up with the Cookie Cutter Landscape.



8

Desirable Qualities of Shrubs

- Predictable size and form
- Rapid growth rate
- Ease of transplanting and establishment
- Minimal litter (leaf, fruit)
- Resistant to attack by pests and disease
- Non-allergenic
- Tolerant of wide range of environmental conditions
- Excellent aesthetic features
- Non-invasive

9

Selection Criteria

- Function
- Design Elements
 - Form and Size
 - Texture
- Site Conditions
- Plant Features

10

Shrub Features

- Foliage
 - Texture
 - Summer and fall colors
- Flowers
- Fruit
 - Wildlife
 - Ornamental
 - Edible
- Bark
 - Summer and winter features

11

Northern Sun Forsythia – *Forsythia x'Northern Sun'*

- Type: Deciduous
- Hardiness: zone 4
- Height: 8 to 12'
- Spread: 7 to 9'
- Sun: Full
- Water: Low to Moderate
- Maintenance: Pruning
- Tolerates: Deer
- Use: Border, Foundation, Screening


Photo courtesy of Bailey Nurseries

12



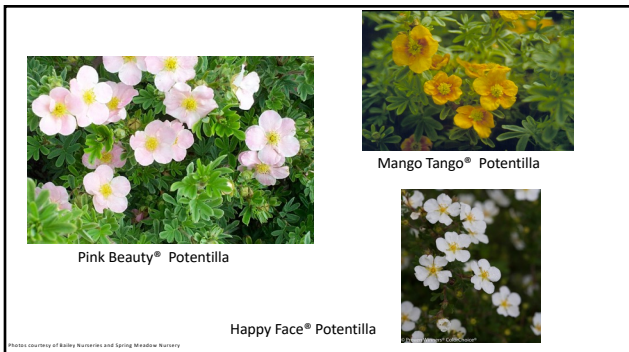
13

Dakota Sunspot® Potentilla – *Potentilla fruticosa* 'Fargo'

- Type: Deciduous
- Hardiness: zone 2
- Height: 2 to 3'
- Spread: 3 to 4'
- Sun: Full
- Water: Low
- Maintenance: Low
- Tolerates: Dry soil, Drought, Deer
- Use: Attracts butterflies



14



15

Campfire Canadian Artist Series Rose – *Rosa* 'Campfire'

- Type: Deciduous
- Hardiness: zone 3
- Height: 2 to 3'
- Spread: 2 to 3'
- Sun: Full
- Water: Moderate
- Maintenance: Moderate
- Tolerates: Disease resistant
- Use: Border, Hedge, Foundation, Ground cover
- Special Features: Attracts hummingbirds



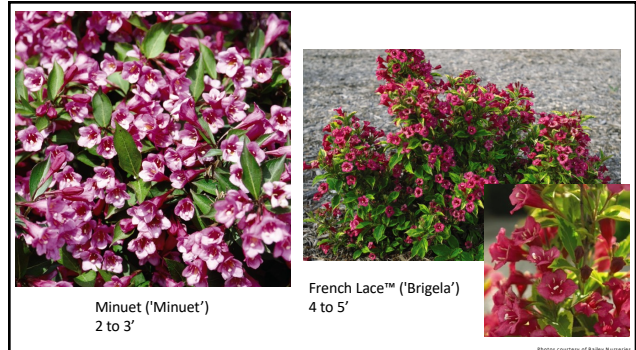
16

Red Prince Weigela – *Weigela florida* 'Red Prince'

- Type: Deciduous
- Hardiness: zone 4
- Height: 5 to 6'
- Spread: 5 to 6'
- Sun: Full
- Water: Moderate
- Maintenance: Low
- Tolerates: Adaptable to most conditions
- Use: Border, Accent
- Special Feature: Summer blooming, Attracts hummingbirds



17



18

Autumn Magic Black Chokeberry – *Aronia melanocarpa* 'Autumn Magic'

- Type: Deciduous
- Hardiness: zone 3
- Height: 3 to 5'
- Spread: 2 to 4'
- Sun: Full
- Water: Low
- Maintenance: Low
- Tolerates: Variable soil types
- Use: Native, Edible fruit



Photo courtesy of Bailey Nurseries

19



Low Scape Mound®

20

- Low Scape Hedger® ('UCONNAM166')
 - 3-5', dense
 - Perfect for hedging or screening, prune tolerant
 - Non-suckering



21

Buttonbush – *Cephalanthus occidentalis*

- Type: Deciduous
- Hardiness: zone 4
- Height: 3-4'
- Spread: 3-4'
- Sun: Full to Part Shade
- Water: Moderate
- Maintenance: Low
- Tolerates: Wet soil
- Use: Native
- Special Features: Use as cut flower



Sugar Shack™

Photo courtesy of Spring Meadow Nursery

22

Proud Berry™ (Coral Berry) - *Symphoricarpos* sp. 'Sofie'

- Type: Deciduous
- Hardiness: zone 3
- Height: 3 to 4'
- Spread: 4 to 5'
- Sun: Full to Part Shade
- Water: Moderate
- Maintenance: Low
- Tolerates: Variable soil types
- Use: Accent
- Special Features: Showy Fruit, Deer resistant



Photo courtesy of Spring Meadow Nursery

23

Mockorange *Philadelphus coronarius*

- Type: Deciduous
- Hardiness: zone 4
- Height: Cultivar dependent 3 to 10'
- Spread: Cultivar dependent
- Sun: Full to Part Shade
- Water: Medium
- Maintenance: Low
- Tolerates: Variable soil types, drought
- Use: Hedge, accent or foundation
- Special Features: Interesting flower scent, smells like citrus, single or double flowers



Photo courtesy of Spring Meadow Nursery

24

Illuminati series



ILLUMINATI SPICE® ('SMNSDW')



ILLUMINATI SPARKS™ ('SMNPVB')

25



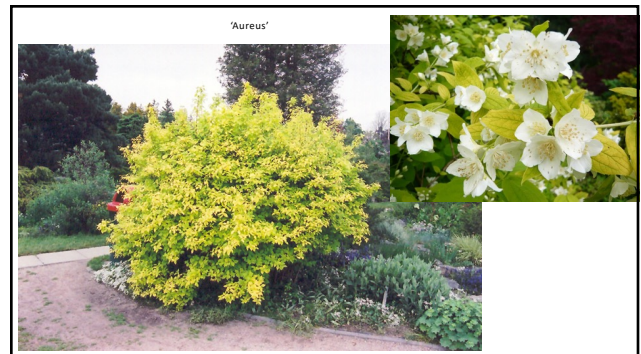
26



ILLUMINATI TOWER® 'SMNPVG'



27



'Aureus'

28

Spring Welcome® – *Magnolia xloebneri* 'Ruth'

- Type: Deciduous
- Hardiness: zone 3
- Height: 20'
- Spread: 20'
- Sun: Full sun
- Water: medium
- Maintenance: Low
- Tolerates: Variable soil types
- Use: Accent, small tree
- Special feature: interesting flower



29



30

Diamond Rouge™ Hydrangea - *Hydrangea paniculata* 'Rendia'

- Type: Deciduous
- Hardiness: zone 4
- Height: 4 to 5'
- Spread: 3 to 4'
- Sun: Full to Part Shade
- Water: Low
- Maintenance: Low
- Tolerates: Variable soil types
- Use: Accent
- Special feature: Long lasting "flower"



Photo courtesy of Proven Winners

31

Hydrangea paniculata 'Rendia' – Diamond Rouge™ Hydrangea



Photo courtesy of Proven Winners

32

Incrediball® Hydrangea – *Hydrangea arborescens* 'Abetwo'

- Type: Deciduous
- Hardiness: zone 3
- Height: 4 to 5'
- Spread: 3 to 4'
- Sun: Full to Part Shade
- Water: Low
- Maintenance: Low
- Tolerates: Variable soil types
- Use: Accent, cut flower
- Special Feature: Native



Photo courtesy of Proven Winners

33

Incrediball® Hydrangea – *Hydrangea arborescens* 'Abetwo'



Photo courtesy of Proven Winners

34

INTRODUCING FLOWERFULL® SMOOTH HYDRANGEA

"You're introducing another hydrangea?" We've heard it, and we get it. The goal is not to flood the market with "just another hydrangea." First Editions® will only introduce a new variety that truly provides a unique attribute. And this first foray into *Hydrangea arborescens* does just that. FlowerFull® Smooth Hydrangea solves the frustrations of weak stems and foliar diseases, providing better genetics from the greenhouse to the garden.



HEIGHT
3-4'

WIDTH
4-5'

EXPOSURE
Full Sun to Part Shade

Photo courtesy of Plant Care Guide

35

Berry Poppins® Winterberry Holly – *Ilex verticillata* 'FARROWBPOP'

- Type: Deciduous
- Hardiness: zone 3
- Height: 3 to 4'
- Spread: 3 to 5'
- Sun: Full to Part Shade
- Water: Moderate
- Maintenance: Low
- Tolerates: Variable soil types and wet conditions
- Use: Accent
- Special Feature: Native, Deer Resistant, Requires male to pollinate



Photo courtesy of Plant Care Guide

36



37

Microbiota decussata, Russian Arborvitae

- Type: Evergreen
- Hardiness: zone 3
- Size: 0.50 to 1.50 by 3 to 12 feet
- Sun: Full sun to part shade
- Water: Medium
- Maintenance: Low
- Tolerates: shade, clay soil
- Use: Ground Cover
- Special Feature: Shade "juniper"

38



39

Russian Cypress Tree Form
Microbiota decussata

Company: GreenStreak

- Fast growing
- Low maintenance
- Shedless when established
- Top growth up to 12"
- Height 3 to 5'
- Spread 3 to 5'
- Hardiness Zone 2
- Attributes: Fast growing, Low maintenance, Border or Back, Evergreen, Drought tolerant, Full sun, Container
- Exposure: Partial Sun
- Pruning: Green, Winter, None
- Notes: None
- Season of interest: Spring, Fall
- Soil: Moisture, Well drained

Container: 10 gallon container plant. Green healthy, ready for sale. Shipping is recommended in winter. Shipping label: Ideal for use in beds or borders.

Available at GreenStreak.com. One of the few cultivars that is shade tolerant.

40

Iceburg Ally® Sageleaf Willow
Salix candida 'Jefberg'

- Type: Deciduous
- Hardiness: zone 2
- Size: 5' by 5'
- Sun: Full sun
- Water: Medium
- Maintenance: Low
- Tolerates: wet soil, clay soil
- Use: Accent, foundation, rain garden
- Special Feature: upright rounded shrub with silver foliage

41



42

Tiny Wine™ Ninebark – *Physocarpus opulifolius* ‘SMPOTW’

- Type: Deciduous
- Hardiness: zone 3
- Height: 3-5’
- Spread: 3-4’
- Sun: Full
- Water: Moderate
- Maintenance: Low
- Tolerates: Variable soil types and dry soil
- Use: Accent
- Special Feature: Native



Photo courtesy of Spring Meadow Nursery

43

Tiny Wine™ Ninebark – *Physocarpus opulifolius* ‘SMPOTW’



Photo courtesy of Proven Winners

44

Double Play® Big Bang™ Spirea – *Spirea* x‘Tracy’

- Type: Deciduous
- Hardiness: zone 4
- Height: 2 to 3’
- Spread: 2 to 3’
- Sun: Full to Part Shade
- Water: Moderate
- Maintenance: Low
- Tolerates: Variable soil types and dry soil
- Use: Accent
- Special Feature: Leaves emerge orange and fade to yellow/green, Attracts hummingbirds



Photo courtesy of Proven Winners

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Double Play® Big Bang™ Spirea – *Spirea* x‘Tracy’

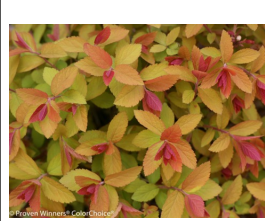


Photo courtesy of Proven Winners

46

Rhamnus frangula ‘Ron Williams’ Fine Line® Buckthorn, Rhamnaceae

- Type: Deciduous
- Hardiness: zone: 3
- Size: 5 to 7 by 2 to 3’
- Sun: Full sun to part shade
- Water: Medium
- Maintenance: low
- Tolerates: Shade
- Use: Vertical accent, hedge
- Special Feature: holds leaves during winter



47

Landscape Uses

- Screen
 - Holds leaves late in season
- Hedge
 - Prune tolerant
- vertical accent



48

Prairie Petite Lilac – *Syringa vulgaris* 'Prairie Petite'

- Type: Deciduous
- Hardiness: zone 3
- Height: 3 to 4'
- Spread: 3 to 4'
- Sun: Full
- Water: Moderate, needs good drainage
- Maintenance: Low
- Tolerates: Variable soil types and dry soil, urban conditions (pollution)
- Use: Accent, cut flower
- Special Feature: Dwarf (3' after 25 years), attracts hummingbirds and butterflies



49

Prairie Petite Lilac – *Syringa vulgaris* 'Prairie Petite'



50

Bloomerang® Dark Purple Lilac – *Syringa* x'SMSJBP7'

- Type: Deciduous
- Hardiness: zone 3
- Height: 4 to 6'
- Spread: 4 to 6'
- Sun: Full
- Water: Moderate, needs good drainage
- Maintenance: Low
- Tolerates: Variable soil types and dry soil
- Use: Accent
- Special Feature: Repeat bloomer, blooms in spring and again in summer till frost. Fragrant. Deer Resistant.


Photo courtesy of Proven Winners

51

Scent and Sensibility™ Pink Lilac – *Syringa* x'SMSXPM'



Highly fragrant, from the same breeding line as Bloomerang® but isn't a strong enough rebloomer to be in the Bloomerang® line.

Photo courtesy of Proven Winners

52

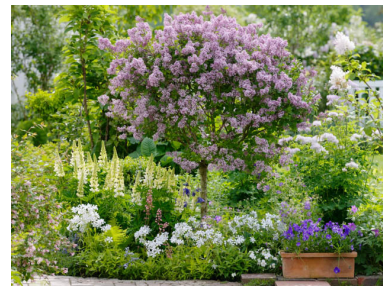
Dwarf Korean Lilac – *Syringa meyeri* 'Palibin'

- Type: Deciduous
- Hardiness: zone 3
- Height: 4 to 5'
- Spread: 5 to 7'
- Sun: Full
- Water: Moderate, needs good drainage
- Maintenance: Low
- Tolerates: Variable soil types and dry soil, Pruning
- Use: Accent
- Special Feature: Extremely Fragrant.


Photo courtesy of Midwest Groundcovers

53

Dwarf Korean Lilac – *Syringa meyeri* 'Palibin'



54

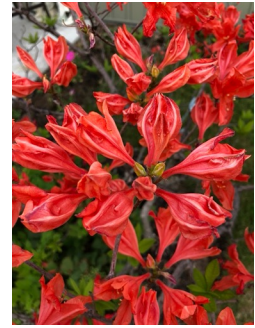
Fireflare Orange® Mollis Azalea
Rhododendron xkosteranum 'FireDak'

- Type: Deciduous
- Hardiness: zone 3
- Size: Height: 4', Spread: 5'
- Sun: Full sun to part shade (up to 50%).
- Water: Medium, needs proper drainage
- Tolerates: pH tolerant with no exhibition of chlorosis symptoms in alkaline pH soils.
- Use: Accent
- Special Feature:
 - Outstanding spring flowers
 - Excellent fall color, better in full sun.



Photo by NDSU W&P

55



56



57



Photo by <http://www.ndsu.edu>

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