An extensive selection, breeding and testing program is key to our successful introduction of more than 100 unique trees to the marketplace. New introductions may be the product of our own breeding and selection programs, or as co-introductions with others who bring their unique discoveries to us for testing and introduction. They are indicated by the Schmidt logo located inside the Treeform illustration box.
**Scarlet Fire® Dogwood**

*Foliage*: Dark green
*Fall Color*: Maroon
*Flower*: Large bracts, deep pink to fuchsia
*Fruit*: Red, 1”

**DISEASE RESISTANCE:**
Dogwood anthracnose and powdery mildew

Dramatic fuchsia-pink blooms float atop dark green foliage in late spring and last for several weeks. Each bloom, formed by pointed bracts that do not overlap, resembles a four-pointed star. Leaves emerge with purple blush. Developed by Dr. Tom Molnar at Rutgers University.

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**Chastity™ Pear**

*Shape*: Broadly pyramidal
*Foliage*: Dark green
*Fall Color*: Orange to red, purple highlights
*Flower*: White, profuse
*Fruit*: Sparse

**DISEASE RESISTANCE:** Fireblight

This exciting new introduction should replace other flowering pears in areas where invasiveness is a concern. A triploid hybrid that is very ornamental and highly infertile, Chastity™ Pear was specifically bred to prevent weediness by Dr. Tom Ranney of North Carolina State University.

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**Northern Tribute® Birch**

*Shape*: Upright oval
*Foliage*: Lustrous dark green
*Fall Color*: Yellow

**INSECT RESISTANCE:**
Bronze birch borer

Superior cold hardiness and adaptability to compacted, dry and varied soils including alkaline. Selected from a large, vigorous seedling found in western North Dakota and introduced by NDSU. Smooth ivory-white bark exfoliates in coppery bronze curls.

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**Ruby Dayze™ Crabapple**

*Shape*: Upright, tightly oval
*Foliage*: Purple red, becoming bronze
*Fall Color*: Orange-red
*Flower*: Bright magenta-pink
*Fruit*: Deep red, ¼”

**DISEASE RESISTANCE:**

This tree scores on all fronts, featuring the most scab resistant foliage among red-leaved crabs that we have yet seen. Growers will love its more upright, tightly oval shape, as will those who maintain landscapes and streetscapes. Beautiful bright magenta-pink flowers are abundant in spring. Deep red fall fruits are tiny and persistent.

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**Parkland Pillar™ Birch - First Editions®**

*Shape*: Narrow, columnar
*Foliage*: Dark green
*Fall Color*: Yellow

**INSECT RESISTANCE:**
Japanese Beetle

A fast growing very cold hardy tree well suited to the prairie & urban landscape. Tolerant of heat, drought and alkaline soils. Forms a narrow column of dense dark green foliage that turns golden yellow in the fall, revealing its white bark during the winter months. An excellent accent or screen tree.
### Acer x freemanii ‘Bailston’  
**Matador™ Maple – First Editions®**

**Zone:** 4  |  **Height:** 45’ | **Spread:** 35’

- **Shape:** Upright, oval
- **Foliage:** Green
- **Fall Color:** Bright red

A tough, hardy maple with upright, symmetrical form and adaptability to varied soils. Deep red, long lasting fall color is consistently bright and appears later in the season than is typical of *A. freemanii* cultivars.

### Styrax japonicus ‘Spring Showers’

**Spring Showers Snowbell**

- **Shape:** Upright oval  
- **Foliage:** Dark green  
- **Fall Color:** Yellow  
- **Flower:** Pure white, bell shaped

Bud break that takes place two to three weeks later than is typical of the species allows this U. S. National Arboretum release to be successfully grown in areas subject to late spring freezes.

### Cornus kousa chinensis ‘Galzam’

**Galilean® Dogwood**

- **Shape:** Vase  
- **Foliage:** Dark green  
- **Fall Color:** Orange yellow  
- **Flower:** White  
- **Fruit:** Red

Large, hunter green leaves emerge in spring and are followed in late spring by extra-large white flowers that smother the branches of this robust-growing tree. Red fruits of late summer resemble large strawberries.

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**New trees lead to great trees**

Thirteen fine trees are new for 2018-19. Which of these will become great trees? Time will tell. It takes many years to develop new trees, plus a decade or more for our customers to grow and sell our new introductions into landscapes across the continent. We urge you to enhance your reputation as an innovator and leader in your market area by including some of our rising stars in your production plans.

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On the cover, clockwise from top:  
Scarlet Fire® Dogwood | Emperor I Japanese Maple  
Ruby Dayze™ Crabapple | Northern Herald® Redbud  
Parkland Pillar™ Birch | Chastity™ Pear