2020 Summer Trials Review

Hottest New Varieties

Jamie Gibson, Ph.D.
Technical Lead

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Today's Agenda

- Trial Sites
- Syngenta Flowers Trials Web Site
- Geranium Interspecific
  - Caldera™
  - Mojo™
  - Moxie!™
  - Calliope® Medium Cherry
- Geranium Zonal Rosalie™ Antique Salmon
- Petunia
  - Itsy™ Magenta
  - Dekko™ Banana
- Seed Performers:
  - Impatiens Imara™ XDR and Vinca Cora® XDR
  - Petunia FlashForward™ and FotoFinish™
- Questions?

Lucas Greenhouse, Monroeville, NJ, Jul 2020

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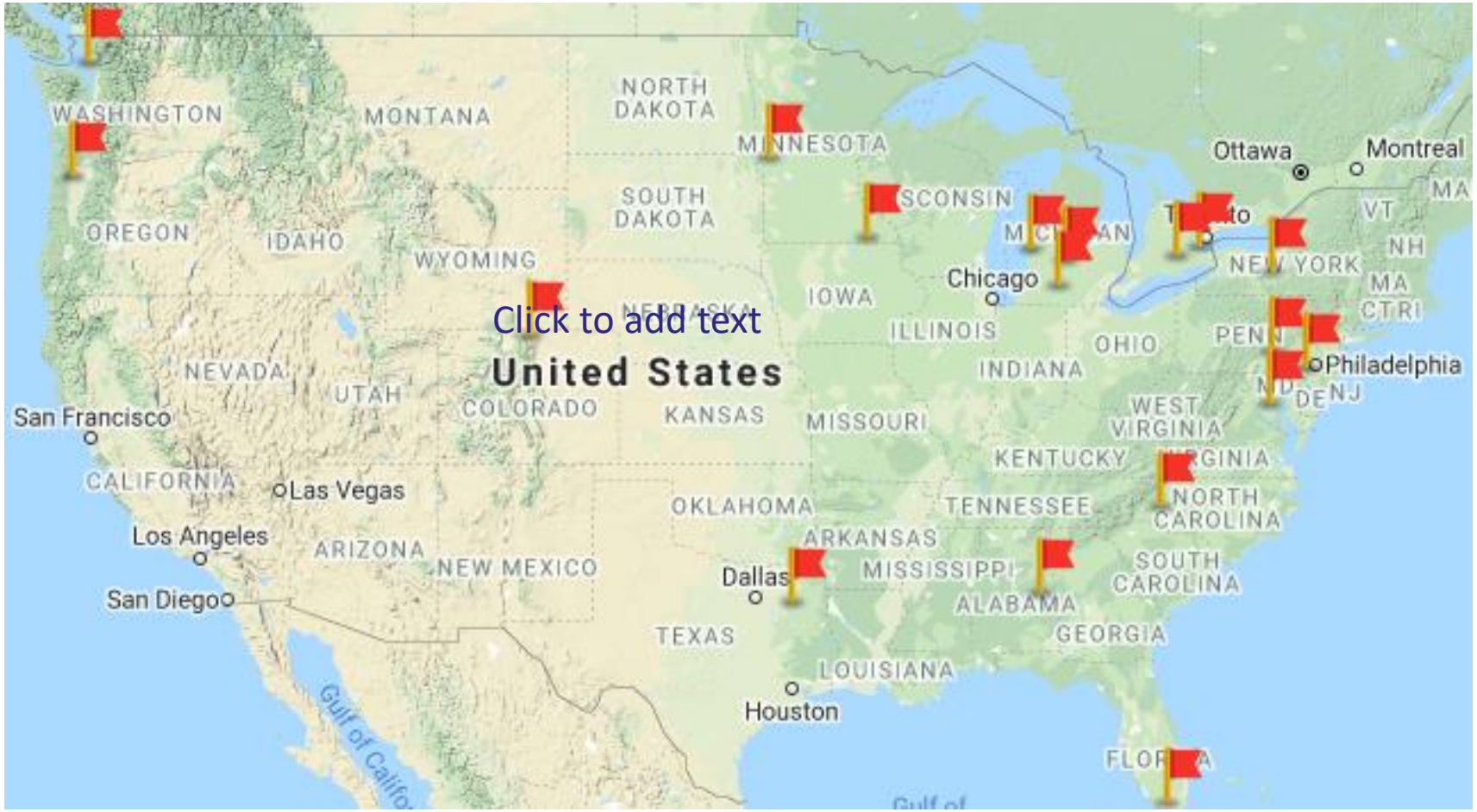
2020 Season Field Trials

See the Results

syngentaflowers-us.com/trials



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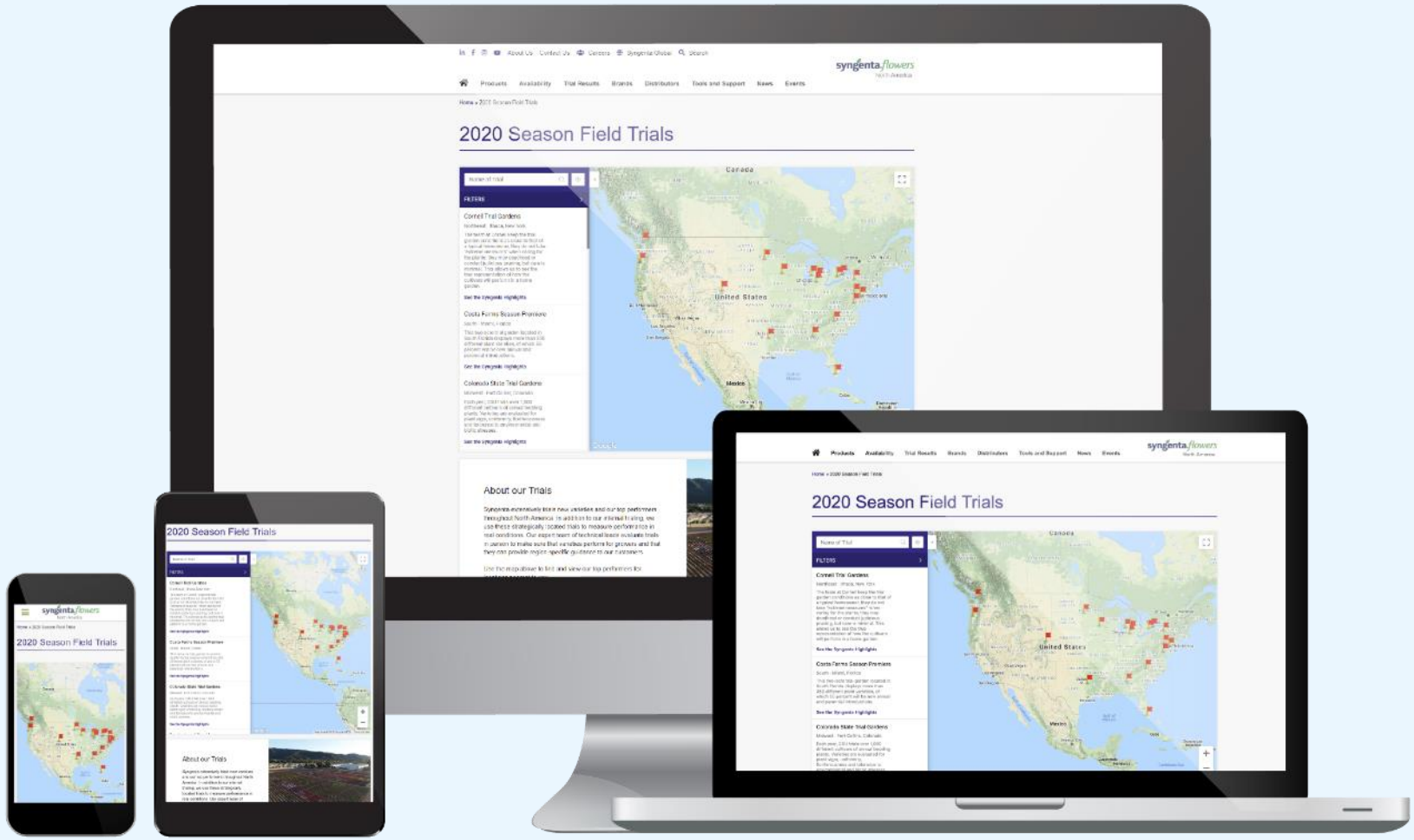

Take a **Digital Tour** on **Our Website**

syngentaflowers-us.com/trials

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Geranium Interspecific Caldera™

- A striking combination of dark foliage paired with vibrant blooms on a spreading habit.
- Exceptional heat performance makes Caldera ideally suited for the summer landscape.
- Caldera's spreading habit makes it a perfect choice for bold in-ground plantings and heat tolerant mixed containers.

Lucas Greenhouse, Monroeville, NJ, Jul 2020

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Geranium Interspecific Caldera™

Lucas Greenhouse, Monroeville, NJ, Jul 2020

Plantpeddler Trials, Cresco, IA, Aug 2020

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Geranium Interspecific Caldera™

Caldera™ Salmon

Fessler Nursery Co., OR, Aug 2020

Caldera™ Red

Lucas Greenhouse, Monroeville, NJ, Jul 2020

Caldera™ Pink

Young's Plant Farm, Auburn, AL, Jul 2020

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Geranium Interspecific Mojo™

- Stunning dark foliage paired with vibrant blooms makes for a striking combination.
- Medium vigor is ideal for 1 qt. to 2.5 qt. pots.
- A must-have variety that works across a range of container sizes and is ideal for bold combination plantings.

Syngenta Mid-Atlantic Trial, MD, June 2020

Cornell University Trials, Ithaca, NY, Jul 2020

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Geranium Interspecific Mojo™

Mojo™ Orange

Sawaya Garden Trials, Ontario, Canada, Aug 2020

Mojo™ Cranberry Splash

Lucas Greenhouse, Monroeville, NJ, Jul 2020

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Geranium Interspecific Mojo™

Mojo™ Orange

Lucas Greenhouse, Monroeville, NJ, Jul 2020

Mojo™ White

Young's Plant Farm, Auburn, AL, Jun & Jul 2020

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Geranium Interspecific Moxie!™

- The first and only interspecific geranium bred for brilliant color in small containers.
- Mounded, densely branched habits deliver superior flower coverage all season long.
- Moxie! blends the best benefits of grower efficiency with class-leading genetics giving growers superior colors, and flowering in a package that's right-sized for maximum color per square foot.

Colorado State University Trial Garden, Aug 2020

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Geranium Interspecific Moxie!™

Colorado State University Trial Garden, Aug 2020

Costa Farms' Season Premiere, Miami, FL, Mar 2020

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Geranium Interspecific Moxie!™

Colorado State University Trial Garden, Aug 2020

Costa Farms' Season Premiere, Miami, FL, Mar 2020

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Geranium Interspecific Moxie!™

Moxie!™ Violet

Costa Farms' Season Premiere, Miami, FL, Mar 2020

Moxie!™ Violet

Sawaya Garden Trials, Ontario, Canada, Aug 2020

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Geranium Interspecific Calliope® Medium Cherry

- All the benefits of Calliope Large in a more space-efficient package.
- Ideal for 1 qt. to 2.5 qt. programs, Calliope Medium targets the core volume of the market and is the go-to series for premium programs.
- Calliope Medium's wide range of colors including unique novelties makes it a one-stop option for building the ideal geranium program.

Raker-Roberta's Trial Gardens, MI, Aug 2020

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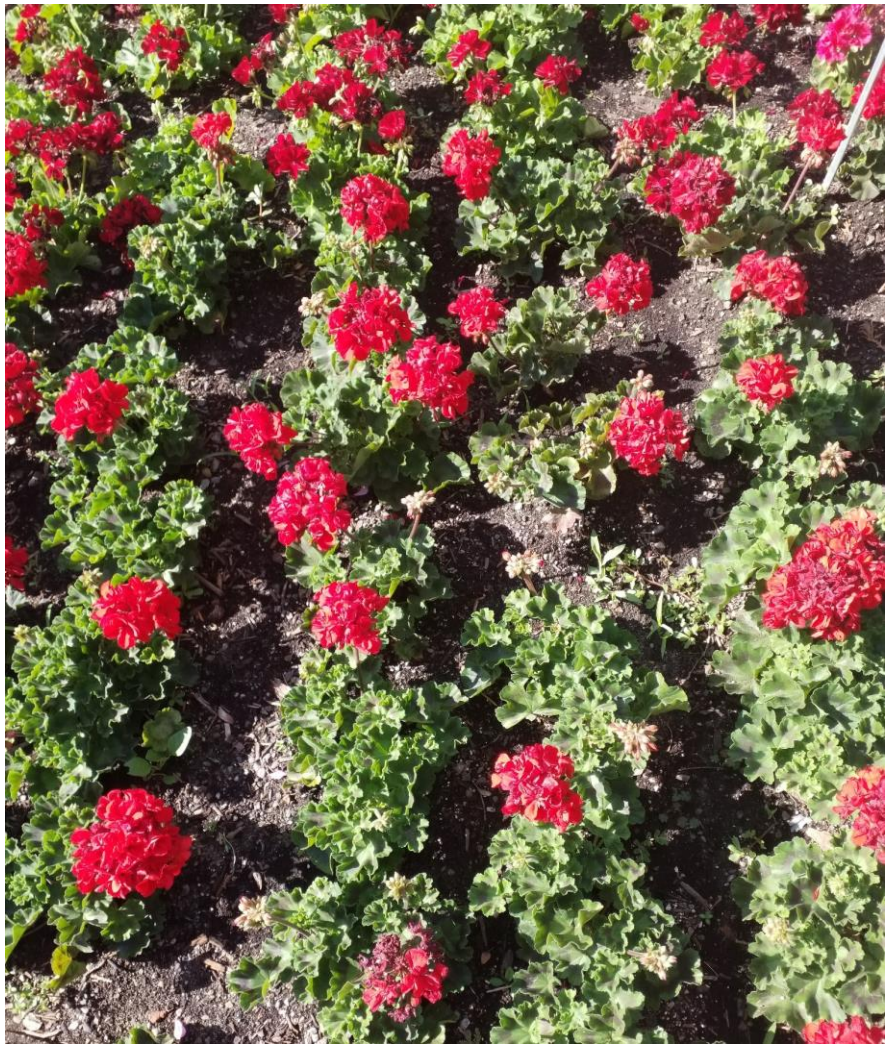
Geranium Interspecific Calliope® Medium Cherry



Michigan State University Trial Gardens, MI, Aug 2020

Young's Plant Farm, Auburn, AL, Jun & Jul 2020

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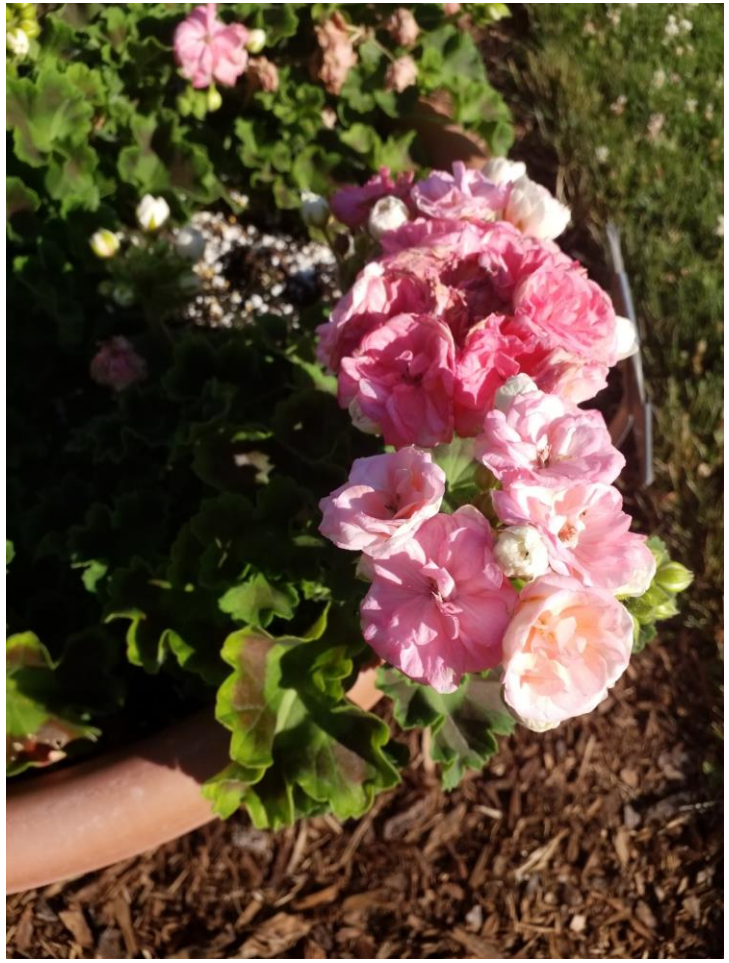
Geranium Zonal Rosalie™ Antique Salmon

- Truly unique rosebud-like blooms makes Rosalie a standout variety at retail and in the garden.
- Controlled habits work well across a range of small to medium-sized containers.
- A novel variety that adds a new twist to geranium programs big and small.

Colorado State University Trial Garden,
Aug 2020



Michigan State University Trial Gardens,
Aug 2020

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Petunia Itsy™ Magenta

- With exceptional color coverage and good vigor, Itsy is a great option for both the landscape and containers.
- Tons of tiny magenta blooms form a blanket of color providing undeniable retail appeal.
- With exceptional branching, color coverage and a controlled habit, Itsy is sure to be a hit with growers and consumers alike.

Mast Young Plants Trial Gardens, Grand Rapids, MI, Aug 2020

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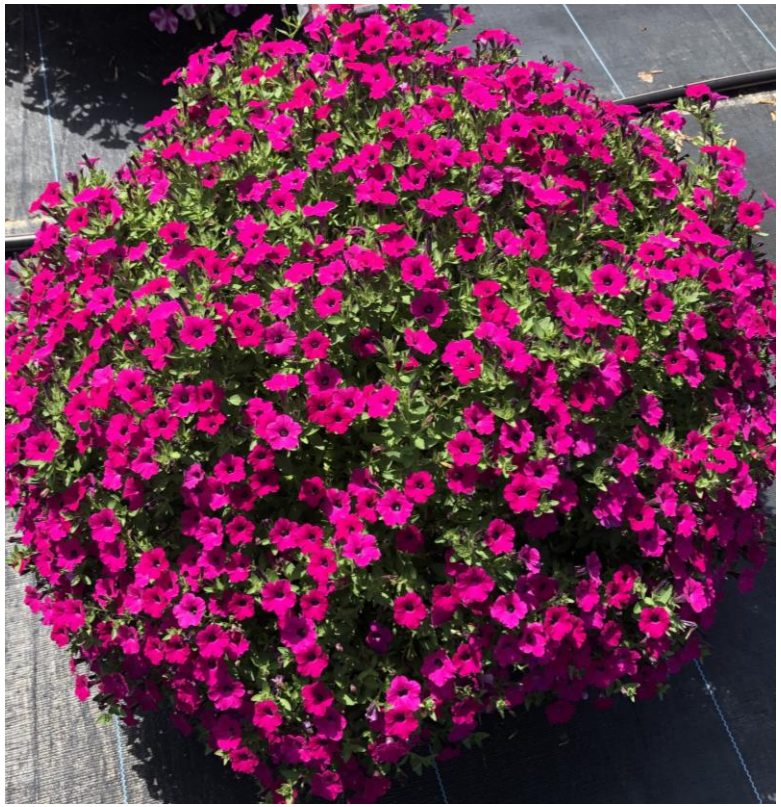
Petunia Itsy™ Magenta

Cornell University Trials, Ithaca, NY, Jul 2020



Lucas Greenhouse, Monroeville, NJ, Jul 2020

Penn State University Flower Trials,
Manheim, PA, Aug 2020

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Petunia Itsy™ Magenta

Plantpeddler Trials, Cresco, IA, Aug 2020

Metrolina Greenhouses, NC, Aug 2020

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Petunia Dekko™ Banana

- Exceptional garden performance sets Dekko apart from the crowd.
- A wide range of core and unique colors are perfect for adding “wow” to mixed combos and baskets.
- Versatile habits work great from small pots all the way to the landscape.

Metrolina Greenhouses, NC, Aug 2020

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Petunia Dekko™ Banana

Lucas Greenhouse, Monroeville, NJ, Jul 2020

Plantpeddler Trials, Cresco, IA, Aug 2020

Colorado State University Trial Garden, Aug 2020

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Impatiens Imara™ XDR

- The first *Impatiens walleriana* with a high degree of resistance to downy mildew.*
- Proven landscape performance that fights back with reliable flowering all season long.
- Easy and economical to produce, with a compact branching habit ideal for high-density growing in packs and pots.
- A complete range of core and novelty colors in one disease-resistant series.

* Confirmed in independent trials in North America and Europe including trials in 2017 and 2018 at Cornell University's Long Island Horticultural Research and Extension Center.

Smith Gardens, Bellingham, WA, July 2020

Watch the full video

sginewproductshowcase.com/2020

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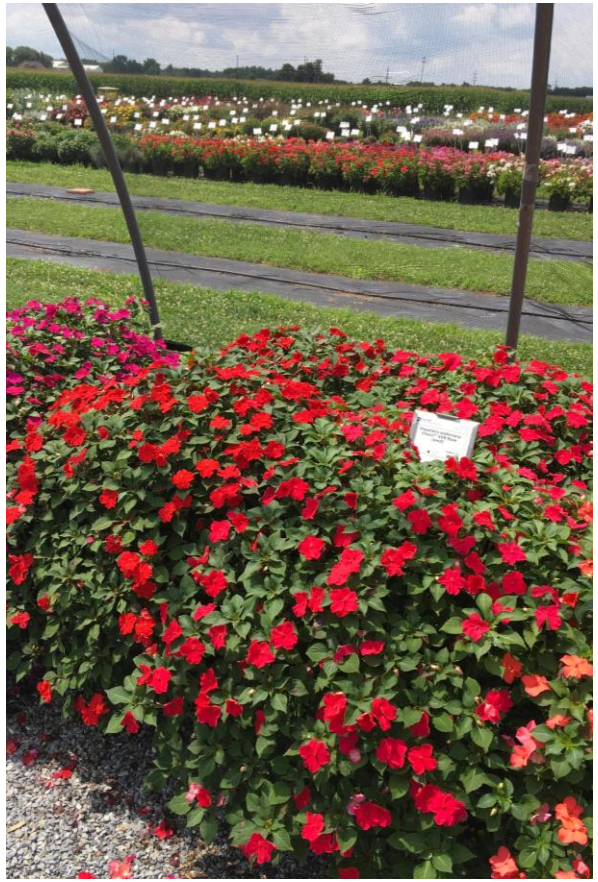
Impatiens Imara™ XDR

Penn State University Flower Trials, Manheim, PA, Aug 2020



See Imara™ XDR's Performance at the PSU's Website

agsci.psu.edu/flower-trials/trial-results

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Impatiens Imara™ XDR

Imara™ XDR Salmon Shades

Imara™ XDR Pink

Metrolina Greenhouses, NC, Aug 2020

Imara™ XDR Red Star

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Vinca Cora® XDR

- **Reduced Risk:** offers season-long flowering and survival in landscape plantings. Highly resistant to ten of the most virulent isolates of *Phytophthora nicotianae* that cause Phytophthora blight on annual vinca.*
- **Easier to grow:** improved branching, uniformity, and floriferousness ideal for premium packs and small to larger pots.
- **Higher consumer appeal:** large showy flowers in the widest range of solid and high demand bicolor patterns of any disease resistant vinca on the market.

Texas A&M, Overton, TX, Summer 2020

*Confirmed in collaboration with Clemson University; These isolates were found at growers and in landscapes across the southern U.S.

Learn more about Cora® XDR series

texassuperstar.com/plants/vincaseries/index.html

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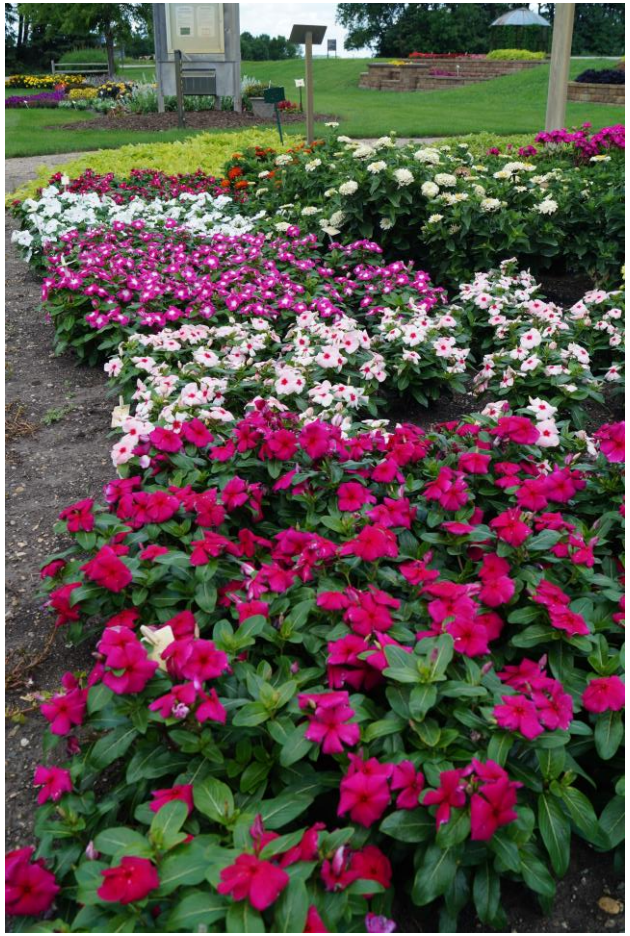
Vinca Cora® XDR



University of Minnesota-Morris Flower Trial, Morris, MN, Aug 2020

Metrolina Greenhouses, NC, Aug 2020

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Petunia FlashForward™ and FotoFinish™

- A miniature flowering, spreading Petunia perfectly suited for basket, mixed container, and premium pack programs.
- Tidy plants hold longer at retail than traditional trailing Petunias and don’t overgrow companions in mixed containers.
- Extremely free flowering all summer long even under difficult garden and weather conditions.
- Extremely uniform spreading Petunia series with perfectly matched plant habits and flower timing.
- Mounded and branching habit is ideal for high-density growing, holds better at retail and provides faster garden fill due to the need for fewer PGRs in production.
- Extremely free flowering with masses of color all over the plant for high-impact retail and long-lasting garden displays.

Flash Forward™ Mini Spreading Petunia

FlashForward™ Lavender

FotoFinish™ Spreading Petunia

FotoFinish™ Pink

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Petunia FlashForward™

Flash Forward™ Mini Spreading Petunia

Costa Farms' Season Premiere, Miami, FL, Mar 2020

Penn State University Flower Trials, Manheim, PA, Aug 2020

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Petunia FotoFinish™

FotoFinish™ Spreading Petunia

See FotoFinish's Performance at the PSU's Website

agsci.psu.edu/flower-trials/trial-results

Penn State University Flower Trials, Manheim, PA, Aug 2020

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Questions?

Syngenta Flowers, Gilroy, CA

Penn State University Flower Trials, Manheim, PA, Aug 2019

Caldera™ Combo

Costa Farm's Season Premiere, Miami, FL, Mar 2020

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