

MAY 2020 NURSERYMAG.COM

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MANAGEMENT

LOOKING *Light* FOR THE

We've compiled helpful ways to navigate the squalls caused by COVID-19.

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RELIABLE Roses

By Michael Schwartz, David C. Zlesak, Randy Nelson, Steve George and Gaye Hammond

The American Rose Trials for Sustainability provides regional trials to help answer the question, ‘Can we grow that here?’

The American Rose Trials for Sustainability (A.R.T.S.) is here to help the industry and consumers identify the strongest performing roses for their region through our independent scientific trials held at botanical gardens, parks systems and universities. How often

have you seen a national ad for a beautiful new rose and asked yourself, “Can we grow that here?” Questions naturally progress to: Will this plant be cold hardy; Does it demand too much water for our arid climate; Can it take our intense summer heat; or Can it take our wet springs? Growers recognize and appreciate that not all plants grow well in all places. The challenge with a nationally loved and distributed plant like the rose is finding varieties that do well in your region. It’s important to find a trustworthy and independent voice that has grown those cultivars in your region to help guide you.

The A.R.T.S. team is made up of scientists, public horticulturists, nursery growers and extension professionals. Our goal is to identify which roses are the most pest resistant, drought tolerant, low maintenance, vigorous and beautiful for each unique U.S. climate region through our regional tests, which are done with high scientific standards. We grow the roses under low input conditions without pesticides and evaluate them monthly during two growing seasons. They are rewarded for parameters related to their health, flower power and plant form. Test roses must perform equal or better than the industry standards planted with them to earn an A.R.T.S. Local Artist award and

THE 2021 A.R.T.S. LOCAL ARTIST WINNERS



Bay Cottage ('POULcot003')

Massive clusters of tiny, clear-pink, single blooms cover this low and spreading shrub rose. The petal bases are white and nicely frame the golden stamens. Foliage is glossy and stems have red highlights in the sun. Introduced by Poulsen Roser AS.



Brindabella Purple Prince ('GRApp1')

Large, double, high centered, purple blooms emit a rich citrus-like scent. This floribunda has a dense mounded plant habit. Introduced by Dig Plant Company.



Cherry Frost ('OVeredclimb')

Small to medium sized cherry-red blooms are borne in abundant clusters throughout the season. Flowers are long lasting and keep their clear bright color from beginning to end. It can be grown as a compact climber or large freestanding shrub. Introduced by Star Roses and Plants.

be recommended for a particular region.

Instead of using the USDA Hardiness Zone Map to delineate regions, we use the Köppen climate system as it accounts for both temperature and precipitation levels and the timing of each. This system has been the go-to resource for ecologists studying communities of plants and the overall ecosystem. The USDA cold hardiness zones, although helpful, only take into account the lowest minimum winter temperature. The Köppen climate system is a more comprehensive tool to help us better answer the question, "Can we grow that rose here?"

In this industry, we know better than anyone that temperature and precipitation directly impact not only plant growth, but also disease and insect pressure.

In deciding which new roses to offer your customers, we encourage you to try some of your regional 2021 and previous year A.R.T.S. Local Artist winners. With our years of data on these roses growing in your region, we can help you confidently answer the question, "Can we grow that here?" We are proud to serve you as an independent and trusted voice sharing which roses have passed our tests as you navigate through the roses that will not only look good in retail, but be successful for your customers and keep them coming back to you as their trusted source.

To find out more about the A.R.T.S. program and all the winners for your region, please visit www.trustedroses.com. **NM**



Canyon Road ('MEIscarlebo')

Double brick-red flowers are borne in loose clusters and framed by dark glossy foliage. This floribunda is compact growing a bit wider than tall. Introduced by Star Roses and Plants.



First Editions Campfire ('CA29')

This shrub rose has bright, multicolored blooms that start out yellow and transition to cream and carmine. Blooms are borne in small clusters on spreading plants that are wider than they are tall with semi-glossy foliage. Introduced by Bailey Nurseries.



Easy Elegance Chi ('BAIllim')

Abundant small burgundy-red double blooms cover this densely growing shrub rose. The dark green and semi-glossy foliage makes a great backdrop to the flowers. Introduced by Bailey Nurseries.



Flower Carpet Pink Supreme ('NOA168098F')

Massive clusters of double hot-pink blooms are produced on vigorous, spreading plants. This shrub rose has glossy foliage and is well suited to humid climates. Introduced by Anthony Tesselaar Plants.



Coral Knock Out ('RADral')

Clusters of warm peachy-orange blooms are borne abundantly throughout the season on this full and mounded shrub rose. The vibrant flower color is offset well by foliage that starts out red and matures to a rich green. Introduced by Star Roses and Plants.



Elaine Paige HT Poulsen ('POUht008')

The large peachy-pink double flowers of this fragrant hybrid tea are borne singly and in small clusters. Plants are vigorous and compact. Introduced by Poulsen Roser AS.



Oso Easy Double Pink ('MEIrlftday')

Clusters of double, medium-pink blooms cover this low growing shrub rose throughout the season. It grows wider than tall and makes a great front of the border ground cover. Introduced by Spring Meadow Nursery.

ROSES



Top Gun ('WEKmoridahor')

Semi-double blooms begin red and transition to pinker tones as they age. The petals frame the bright golden stamens well.

The medium-sized blooms are borne in clusters on this well-branched shrub rose. Introduced by Weeks Roses.



True Bloom True Grace

Blush-pink double blooms are contrasted well by the dark attractive foliage. The large high-centered blooms are born by sturdy stems on a medium sized shrub.

Introduced by Altman Plants.



True Bloom True Romance

Very full warm-pink blooms are complimented by the vibrant green foliage of this vigorous shrub rose. Introduced by Altman Plants.

66 WITH OUR YEARS OF DATA ON THESE ROSES GROWING IN YOUR REGION, WE CAN HELP YOU CONFIDENTLY ANSWER THE QUESTION, **"CAN WE GROW THAT HERE?"**

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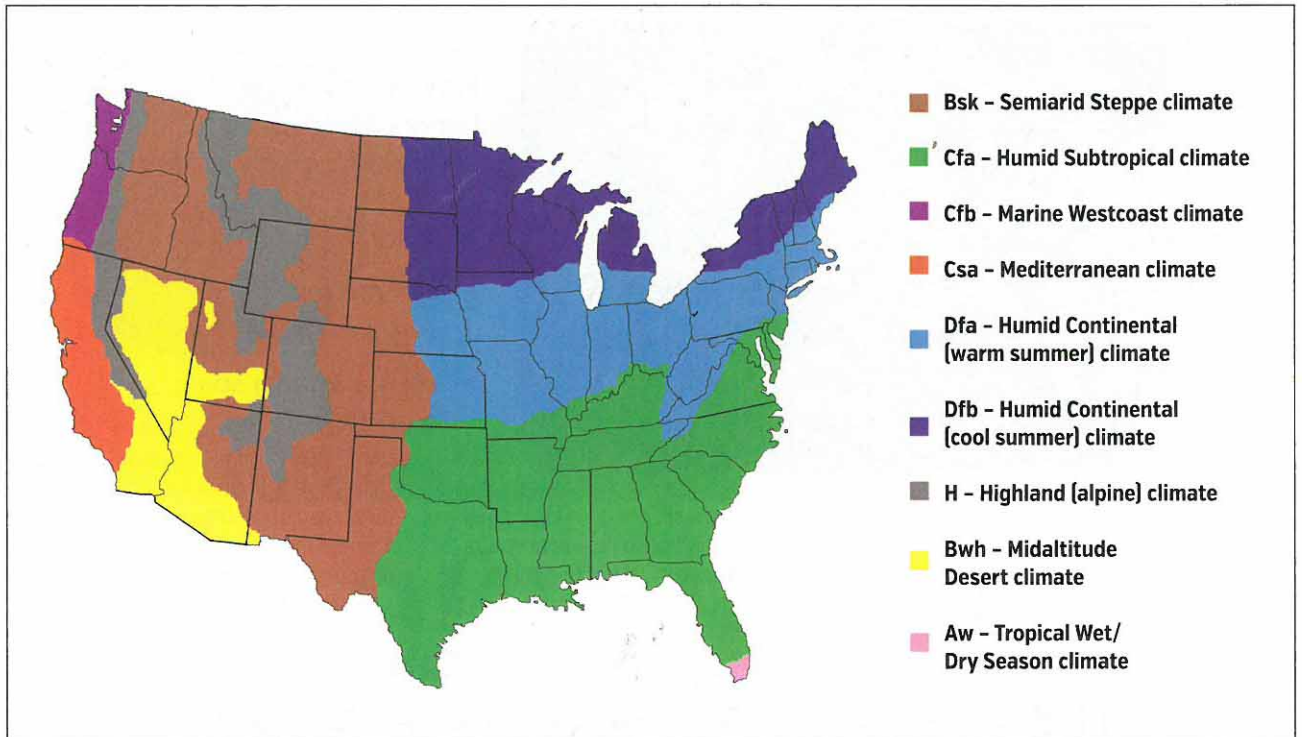
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Köppen climate region(s) won

Rose	Bsk	Cfa	Csa	Dfa	Dfb
Bay Cottage ['POUlcot003']			*		
Brindabella Purple Prince ['GRApp1']					*
Canyon Road ['MEIscarlebo']		*	*		
Cherry Frost ['OVERedclimb']		*	*		
Coral Knock Out ['RADral']				*	*
Easy Elegance Chi ['BAIllim']		*	*	*	
Elaine Paige HT Poulsen ['POUht008']			*		
First Editions Campfire ['CA29']	*	*			
Flower Carpet Pink Supreme ['NOA168098F']				*	*
Oso Easy Double Pink ['MEIriftday']				*	*
Top Gun ['WEKmoridahor']		*	*		
True Bloom True Grace		*			*
True Bloom True Romance					*
True Bloom True Sensation		*			
White Knock Out ['RADwhite']	*	*	*		

Bsk -cold semi-arid steppe climate; Cfa -hot and humid summers and mild cool winters; Csa -relatively hot dry summers and moderate wet winters; Dfa -high and low temperature averages below freezing during coldest month and above 72°F during warmest month and distributed precipitation throughout the year; Dfb -high and low temperature averages below freezing during coldest month and below 72°F during warmest month and distributed precipitation throughout the year

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ROSES



True Bloom True Sensation

Bright shades of orange and pink blend together in the double blooms of this upright hybrid tea. The unique blend of color makes this a great plant to place where it can be enjoyed up close. Introduced by Altman Plants.



White Knock Out ('RADwhite')

Nearly yellow buds open to crisp and clean single white blooms with attractive yellow stamens. The dark blue-green foliage contrasts nicely with the abundant blooms on this low growing shrub rose. Introduced by Star Roses and Plants.

A.R.T.S. TRIAL SITES

- Cheyenne Botanic Gardens, Cheyenne, WY
- Texas A&M Agrilife Extension – Midland County, TX
- Tucson Botanical Garden, Tucson, AZ
- City of Farmers Branch, TX
- City of Tyler, TX
- Louisiana State University AgCenter Botanic Gardens, Baton Rouge, LA
- Oregon Garden, Silverton, OR
- Portland International Rose Test Garden, Portland, OR
- Fullerton Arboretum – California State University, Fullerton, CA
- University of California Extension – San Joaquin County, CA
- Iowa State University – Reiman Botanical Gardens, Ames, IA
- Naugatuck Valley Community College, Waterbury, CT
- Scott Arboretum of Swarthmore College, Swarthmore, PA
- Boerner Botanical Gardens, Hales Corners, WI
- Green Bay Botanical Garden, Green Bay, WI
- South Dakota State University – McCrory Gardens, Brookings, SD
- University of Minnesota Extension – Clay County, MN
- Ashton Gardens at Thanksgiving Point, Lehi, UT
- University of Utah – Red Butte Gardens, Salt Lake City, UT



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