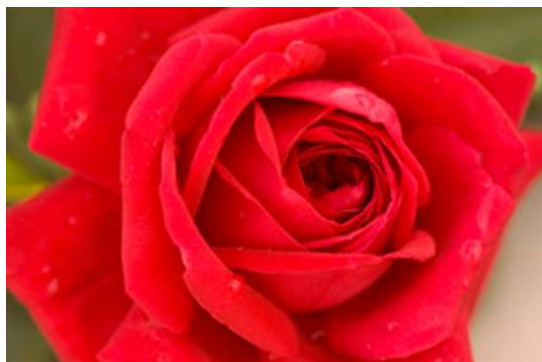


Eco-Friendly Roses for Long Island



Roses are classic garden plants with vast emotional appeal. They're familiar, nostalgic and symbolic. In recent decades they've shed their reputation of being fussy and prone to disease, thanks to groundbreaking cultivars like Knock Out ('RADraz'), which turned 20 in the year 2020. The breeding of disease-resistant roses has given them entry to spray-free pollinator-friendly gardens. That said, a gardener looking to add a rose to her garden faces dizzying choices and, often, a lingering wariness that the plant will require chemical sprays. There are tens of thousands of rose cultivars circulating today, with new introductions entering the market each year. How to choose one? The non-profit American Rose Trials for Sustainability (ARTS) is working to simplify this decision by identifying the best cultivars for different regions.

How ARTS Got Started

Founded in 2012, ARTS is collaboration between scientists, university educators and rosarians who partner with public gardens and rose-breeding nurseries. The program was inspired by Earth-Kind, a trialing program run by Texas AgriLife Extension Service, and All-America Rose Selections, a breeder-run trial that wound to an end in 2013.

Nurseries, plant professionals and gardeners all wanted a "truly healthy rose that provided ornamental appeal throughout the growing season and was not chemically dependent.

How the Rose Trials Work

With criteria defined and the regions mapped out, ARTS designed science-based testing to take place at partner sites across the country—ideally, two sites in each of the nine regions. These sites include botanical gardens, college and university campuses and public spaces. Staff or volunteers at each site are trained to manage the roses and regularly,

precisely score them on health and quality of foliage; presentation and quality of flowers; and overall growth habit.

Environmental Responsibility: All of the horticultural decisions are guided by scientifically-sound research-based information regarding ecological responsibility.

No Synthetic Chemicals: To assess a plant's real performance, all of our evaluations are performed in a truly "no spray" environment without the application of any pesticides (including fungicides, insecticides, and miticides) or fertilizers.

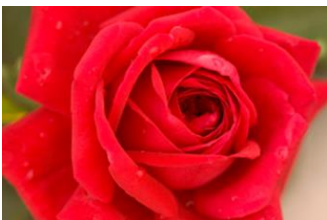
Long Island is part of the Dfa Humid Continental (Warm Summer) Climate: The Dfa Köppen climate is most characterized by its significant seasonal temperature differences. Its coldest month has an average temperature below freezing 32 °F (0 °C), while it's warmest has an average temperature above 72 °F (22 °C) The precipitation here is generally consistent throughout the year. Test sites for this region: Naugatuck Valley Community College, Swarthmore College and Longwood Gardens, Kennet Square, PA.



Blushing Knock Out® ('RADyod')- Amply produced, single soft mauve-pink flowers contrast nicely with the blue-green foliage. This is a mutation out of the original Knock Out® rose and shares the same great mounded plant habit. This shrub rose re-blooms freely throughout the growing season. Introduced by Star® Roses and Plants this rose is one of the A.R.T.S.® Master Roses.



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.



Kashmir™ ('BAImir')- Very double deep red blooms are long lasting and typically produced one to a few per long stem, which makes them great for cutting. This robust and upright shrub rose has a growth habit that resembles a hybrid tea. Introduced by Bailey Nurseries, this rose has won Local Artist awards in the CFA and DFA

climate regions.



Icecap™ ('MEIradena') Introduced by Star® Roses and Plants this rose has superior disease resistance, crisp clean linen white color and classic flower form. It performed well in every region it's been trialed in and not only received 4 regional awards in 2018 but was among the first group of roses to receive the distinction of A.R.T.S.® Master Rose. It is highly resistant to black spot, powdery mildew, downy mildew and rust. It also has a light sweet fragrance to please those who care to stop and smell the roses. Icecap™ is sure to stand out in your garden.



The Champion™ Sunblush Rose ('MEItitka')- This wildly colorful, healthy shrub rose bears loads of single yellow blooms that transition to pink as they age. The mixture of newly opened yellow and older pink blooms is stunning. Introduced by Greenleaf Nursery Company.



Sunrise Sunset™ ('BAIset')- Multicolored double creamy-peach blooms with pink highlights are amply produced on this mounded shrub rose that spreads about twice as wide or more than it is tall. If supported this versatile rose would even make a great small climber. Introduced by Bailey Nurseries this vigorous grower has been designated as an A.R.T.S.® Master Rose.



True Passion™ ('LIM10') Introduced by Altman Plants and bred by Ping Lim this rose has superior disease resistance and amazing color and flower form. This petal-packed, vibrant orange hybrid tea rose performed well in every region it's been trialed in and not only received 4 regional awards (Csa, Cfa, Dfa, and Dfb) in 2018 but was among the first group of roses to receive the distinction of A.R.T.S.® Master Rose. It is resistant to black spot, powdery mildew, and rust. The bloom color is an amazing orange blend which is complimented well by its dark green glossy foliage. True Passion™ is sure to stand out in your garden.