



United States Department of Agriculture
Natural Resources Conservation Service
Plant Materials Program

'Roselow'

Sargent Crabapple

Malus sargentii Rehd.

A Conservation Plant Release by USDA NRCS Rose Lake Plant Materials Center, East Lansing, MI



'Roselow' Sargent Crabapple

The USDA-Natural Resources Conservation Service, Rose Lake Plant Materials Center released the cultivar 'Roselow' Sargent Crabapple as a field and farmstead windbreak, landscaping plant and wildlife food source and cover in July, 1978.

Description

'Roselow' is a rounded and densely branched shrub. One of the smallest crabapples, it reaches a height of only 8 feet. In mid-May, its pin buds produce single white flowers about one-half inch in diameter. Dark red fruit appear before the leaves drop and remain on the plant all winter.

Source

Roselow' Sargent's crabapple seed was first collected from evaluation plantings by the NRCS and Elsberry Plant Materials Center in Missouri. NRCS established the shrubs in 1940 at Elsberry using seedlings obtained from the horticultural farm at Iowa State University, Ames, Iowa. It was originally introduced from Japan.

Conservation Uses

Roselow' is recommended for use in field and farmstead windbreaks, landscaping and for wildlife food and cover.

Area of Adaptation and Use

'Roselow' Sargent Crabapple can be grown where apples prove hardy. 'Roselow' has been tested in the Midwestern United States and as far west as Corvallis, Oregon. Establishment and performance have been good.

Establishment and Management for Conservation Plantings

To plant 'Roselow', follow the planting dates and spacing recommended for shrubs in your area. The maximum spacing between plants should be 10 feet. Two year old seedlings are suitable for mechanical planting.

It is a prolific fruit producer. It is released as an open-pollinated seed propagated cultivar. It exhibits excellent uniformity in size, form and fruit color from seed. Propagation by commercial growers will be from open-pollinated seed.

Ecological Considerations

Like other crabapples, 'Roselow' is susceptible to borers, the eastern tent caterpillar, and San Jose scale. Because it is a native of the Orient, it is not an alternate host for juniper rust.

Seed and Plant Production

'Roselow' usually produces an abundant crop of fruit averaging 27 pounds per shrub. Each shrub provides 0.8 pounds of clean seed. Seedlings are easily propagated from seeds sown in nursery beds in late October. One pound of seed will produce about 5000 plants.



Row of 'Roselow' Sargent Crabapple in blossom

Availability

Roselow' planting stock is generally available from commercial nurseries in the Midwest. Commercial nurseries use open-pollinated seed to propagate the shrub. Natural Resources Conservation Service maintains Generation 1 (G1) seed at the Rose Lake Plant Materials Center.

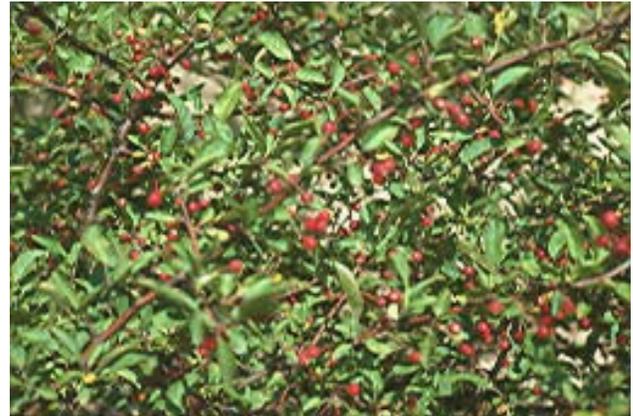
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For additional information about this and other plants, please contact your local USDA Service Center, NRCS field office, or Conservation District <<http://www.nrcs.usda.gov/>>, and visit the PLANTS Web

site <<http://plants.usda.gov/>> or the Plant Materials Program Web site <<http://www.plant-materials.nrcs.usda.gov/>>



Close-up of 'Roselow' Sargent Crabapple with fruit



Windbreak of 'Roselow' with fruit

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