

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
WASHINGTON, D.C.

**NOTICE TO CITRUS GROWERS AND NURSERYMEN RELATIVE TO THE NAME
AND RELEASE OF US FURR-ST CITRUS SCION**

The United States Department of Agriculture, Agricultural Research Service, hereby releases for propagation the US FURR-ST (formerly tested as Clemcott, Furr and Clementine x Murcott) citrus scion selections. US FURR resulted from hybridization between 'Clementine' and 'Murcott' at the US Horticultural Research Laboratory in Orlando, FL in 1953 by Phillip Reece and was selected by Joseph Furr at the USDA/ARS Indio, CA Date and Citrus Station in 1962. US FURR has been evaluated in Weslaco, TX by USDA/ARS and by the University of California at Riverside and Exeter, CA. Irradiation of US FURR budwood was conducted by Heinz Wutscher in 1975 and 1990 at the U.S. Horticultural Research Laboratory in Orlando, FL, and US FURR-ST was selected as a variant of US FURR with reduced susceptibility to citrus scab and has been tested in a commercial orchard near St. Cloud, Florida and in several plantings around the world since that time.

Fruit of US FURR-ST (tested in Florida by William Castle and Greg McCollum) are high quality December/January-maturing mandarins with excellent color, superior flavor, and good peelability. Fruit in mixed plantings average 12 to 24 seeds per fruit, with fewer seeds in solid set plantings and trees are self-compatible. US FURR-ST fruit average 150-215 grams/fruit at maturity. The fruit have an oblate shape, flattened at the apex and usually with a small navel on the blossom end. The calyx is usually retained on the fruit when picked. The rind surface is smooth to lightly pebbly with prominent oil glands. The rind averages 1/8 to 3/16 inches thick and is easily removed. Rind color is Mikado Orange to Flame Scarlet when fruit mature. There are 12 to 14 segments which separate easily. Flesh color is Flame Scarlet and fruit are juicy with extremely rich mandarin flavor. The fruit core typically displays a small void. Juice is highly colored and is suitable for juice blending. US FURR-ST trees are moderately vigorous, thornless, and spreading with fairly dense foliage. Fruit typically reach commercial maturity by mid-December and maintain good quality on the tree through about late-January. Data on fruit yield is limited, but data and visual estimation indicate yields similar to Murcott. Data on yield, quality and consumer acceptance of US FURR-ST fruit are available upon request.

This genotype has been unofficially distributed to numerous countries and under several different names, which has reduced awareness and potential impact and resulted in few US plantings. It is anticipated that this official release will garner greater interest in this cultivar leading to increased plantings in the US.

Small quantities of US FURR-ST budwood can be obtained from the Florida Department of Plant Industry Bureau of Budwood Protection, and information can be found at <http://www.freshfromflorida.com/pi/budwood/bwprocedure.html>. Trees of US FURR-ST are

maintained by the National Plant Germplasm system as accession RRUT 458 (still in quarantine) and plant material is available for research purposes.

The Florida Department of Agriculture will make it available to nurseries and growers at the request of the Florida citrus industry.

Signature:

K Simmons

Deputy Administrator, Crop Production and Protection
Agricultural Research Service, U.S. Department of Agriculture

12/5/13

Date