

7-15 *Ilex cornuta* 'Lee Ann's Jade'

Female

Registered: July 7, 2015

Dr. Willard T. Witte

7732 Christin Lee Circle

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This cultivar originated as a seedling from seed lot #3721 of a 1985 Korean Plant Exploration by the University of Tennessee Arboretum in Oak Ridge, Tennessee. The seedling, 3721-41, in 1989, was the 80<sup>th</sup> plant in row 3, adjacent to a ginkgo tree (*Ginkgo biloba*) which abuts a septic field in an open field near the program shelter at the University of Tennessee Arboretum. It is estimated to be about 26 years old and measured at 3.7 m (12 ft) tall with a spread of 3.0 m (10 ft). Dr. Witte was the selector, namer and introducer of the seedling on March 18, 2015. This selection is named for Mrs. Lee Ann Dobbs of Oak Ridge, Tennessee, a long time stalwart member of the UT Arboretum Society. Lee Ann heads up the Wild Flower Volunteer Task Force and helps out at the spring/fall holly workdays, along with her husband, Norm, who is the current UT Plant Sale Chair.

This large evergreen tree exhibits a broadly columnar shape with a herringbone branching habit. New growth is typically about 1.5 dm (6 in). The leaves are coriaceous, glabrous, oblong-quadrangular to 15.5-17.0 cm (6.1-6.7 in) long by 2.5-4.0 cm (1.0-1.6 in) wide, with petioles 2-3mm (1/16-1.8 in). Average growth is rated at 1.5 dm (6 in). The leaf apex acute –spined, with the terminal spine strongly reflexed with two lateral spines and the bases are truncate/obtuse – cuneate. Leaf color is Green Group 135A on the dorsal surface and Yellow Green Group 146B on the Royal Hort. Soc. Colour Chart, 1986.

The fruit is globose to 5 mm (3/16 in) with 3-9 fruits in axillary fasciculate clusters, with peduncles to 5mm (3/16 in), bright red Red Group 180A on the Royal Hort. Soc. Colour Chart, 1986.

Selection was based on the extremely heavy fruiting, with some branches bearing fruit to the tip of the twig, apparently suppressing the new growth flush due to heavy energy drainage by masses of developing fruits; i.e., one 23 cm (9 in) branch bore 201 fruits in 15 axillary fasciculate clusters. Hardiness is rated at zone 6 on the USDA Plant Hardiness Zone Map of 1990.

Voucher specimens are on deposit in the herbarium of the U.S. National Arboretum (NA), Washington, D.C. 20002.

**NOTE: This holly was listed in HSA *Journal* Vol. #33 (2) as having a hardiness rating of zone 7 on the USDA Plant Hardiness Zone Map of 1990. That is incorrect. This holly has a hardiness rating of zone 6. This document reflects this correction**

