

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
PLANT SCIENCES DIVISION  
WASHINGTON, D. C.

AND

KANSAS AGRICULTURAL EXPERIMENT STATION  
MANHATTAN, KANSAS

AND

COLORADO AGRICULTURAL EXPERIMENT STATION  
FORT COLLINS, COLORADO

AND

NEW MEXICO AGRICULTURAL EXPERIMENT STATION  
LAS CRUCES, NEW MEXICO

AND

OKLAHOMA AGRICULTURAL EXPERIMENT STATION  
STILLWATER, OKLAHOMA  
AM)

NEW MEXICO STATE HIGHWAY DEPARTMENT  
SANTA FE, NEW MEXICO

NOTICE OF RELEASE OF 'PINK LADY' WINTERBERRY EUONYMUS  
FOR CONSERVATION PLANTINGS

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from the deciduous specimen plant was collected by P. H. Dorsett, Plant  
Explorer, U.S. Department of Agriculture in 1924; received at Beltsville,

**Seed was** sent to the Southern Great Plains Field Station, Woodward, Oklahoma, in 1927. E. W. Johnson, Horticulturist, produced and distributed plants for windbreaks and ornamental plantings at many locations in the Southern Great plains **from** 1934 through 1964. **As a result** of those field plantings and evaluations at the Soil Conservation Service Plant Materials Centers at Manhattan, Kansas; Los Lunas, New Mexico; and subsequent field evaluation plantings, this Euonymus was selected for release. Johnson (1951) compared this species with many others and **found it** to be the most hardy and drouth resistant of those Euonymus species tested.

'Pink Lady' has been widely tested and evaluated in Kansas, Oklahoma, northern Texas, New Mexico, Colorado, and portions of Nebraska as Woodward accession 986, Soil Conservation Service accession number PM-0-38, and P.I. 62418.

Description: 'Pink Lady' winterberry euonymus is a large deciduous shrub or **small** tree that grows to a mature height ranging from 15 to 25 feet (4.6 to 7.6 meters) with an equal **spread**. The **plant** is usually multiple stemmed at or near the base or just above the soil surface.

Young leaves are bright, shiny, light green in color, rapidly developing into large light green leaves 2 to 4 inches (5.1 to 10.2 cm.) in length, pointed and heavy. **Interveinal surface areas of the blade are** slightly lighter green than the darker colored veins. Petioles are slender and the older leaves droop because of their size and weight. Foliage is rather open and allows the light **brown bark** of the older branches to add contrast to the light green leaves and young stems. **Fall leaf-color ranges from yellow to reddish or brown** before falling.

Flowers are inconspicuous but the fruit is brilliant in color. The fruit, a four-lobed capsule with reddish-pink skin. The fruits remain on the plant in the fall **long** after the leaves have fallen from most other deciduous plants. **As** the capsules open, the red coat of the seed is **exposed**, adding additional fall color. The leaf, fruit, and seed color is the basis for the name 'Pink Lady'.

Resource Conservation and Landscape Uses: 'Pink Lady' winterberry euonymus may be **used alone** or in clumps; as a medium-tall species in a single row or a **small** tree or large shrub in multiple **row** windbreaks; or as a living screen or noise barrier in recreational and wildlife areas, **campgrounds**, and urban and industrial **developments**, and for the enhancement of transportation **corridors**

The varied leaf color adds to fall beauty and enhancement of the landscape. The persistence of fruits throughout the fall and into the winter months provides color and bird food during a period when most other deciduous woody plants have lost their leaves and fruit. The plant provides a desirable habitat for game and songbirds all year.

It has proved winter hardy in southern Wyoming, Colorado, Kansas, New Mexico, Oklahoma, Texas, and portions of Nebraska. It is adapted to a wide range of soil and climatic conditions, and has proved to be exceptionally chlorosis-free.

Propagation: Propagation by commercial nurseries will be from recently harvested, open-pollinated seed. Seed should be either fall planted or stratified for spring planting. Seed source will be the existing plantings at Manhattan and Los Lunas Plant Materials Centers and the U. S. Southern Great Plains Field Station, ARS, at Woodward, Oklahoma. Seed and plants to establish seed orchards of 'Pink Lady' will be available to commercial growers in limited quantities from the Soil Conservation Service Plant Materials Centers in Manhattan, Kansas and Los Lunas, New Mexico in 1973 and 1974.

For field establishment, bare root, 2-0, plants can be used under favorable conditions; potted material has been more successful on difficult sites such as roadsides.

Reference: Johnson, E. W. "Ornamental Shrubs for the Southern Great Plains." Farmers Bulletin 2025, U. S. Dept. Agric., 1951. p. 24-25.

Walter H. Bennett  
United States Department of Agriculture  
Soil Conservation Service  
Plant Science Division

June 11, 1971  
Date

Lloyd W. Smith  
Kansas Agricultural Experiment Station  
Manhattan, Kansas

Feb. 2, 1973  
Date

Donald J. ...  
Colorado Agricultural Experiment Station  
Fort Collins, Colorado

27 Mar 73  
Date

Tom ...  
New Mexico Agricultural Experiment Station  
Las Cruces, New Mexico

April 23, 1973

Jay C Murray  
Oklahoma Agricultural Experiment Station  
Stillwater, Oklahoma

Feb 3, 1973  
Date

JE McBl  
New Mexico State Highway Department

5-2-73  
Date