
Thuja 'Green Giant'



The U.S. National Arboretum presents *Thuja* 'Green Giant', a large, evergreen sentinel in the landscape. An adaptable "giant," it tolerates a wide range of soil and hardiness zones and is not troubled by significant pest or disease problems. 'Green Giant' is ornamentally appealing as a single specimen, as a screen, or as a living frame for your special landscape.

Recognition: The Pennsylvania Horticultural Society Gold Medal Plant Award, 1998.



**U.S. National Arboretum Elite Plant
Gardens Unit**





'Green Giant' Arborvitae

Botanical Name:	<i>Thuja (standishii x plicata)</i> 'Green Giant' (NA 29972)
Family:	Cupressaceae
Hardiness:	U.S.D.A. Zones 5–7
Development:	In 1967, a single plant reputed to be <i>Thuja (standishii x plicata)</i> was received from D.T. Poulsen, Kvistgaard, Denmark, and planted at the U.S. National Arboretum. This plant exhibited exceptional landscape quality and propagations were distributed. In the distribution process, the name and identity of this clone became confused with that of another arborvitae from the same source, <i>T. occidentalis</i> 'Giganteoides'. The identity of the exceptional clone as the <i>T. (standishii x plicata)</i> hybrid was resolved by Susan Martin, USNA, Kim Trip, New York Botanic Garden, and Robert Marquard, Holden Arboretum, through extensive records searches, nursery inspections, and isozyme analysis. The name <i>Thuja</i> 'Green Giant' was selected to identify and promote this clone.
Significance:	'Green Giant' is a vigorously growing, pyramidal evergreen with rich green color that remains outstanding throughout hardiness range. It has no serious pest or disease problems and has been widely grown and tested in commercial nursery production. 'Green Giant' is an excellent substitute for Leyland cypress.
Description:	Height and width: To 60 feet tall with a 12–20 foot spread at maturity; 30 feet at 30 years. Growth rate: Rapid. Habit: Tightly pyramidal to conical evergreen tree; uniform appearance. Foliage: Dense, rich green, scalelike foliage in flattened sprays borne on horizontal to ascending branches; good winter color except, perhaps, in the southeast. Fruit: Persistent, oblong cones, approximately 1/2 inch length. Cones emerge green and mature to brown.
Culture:	Adaptable, grows in soil types from sandy loams to heavy clays. Requires little to no pruning.
Propagation:	Cuttings taken July through March root readily under mist with bottom heat, 3000–8000 ppm IBA.
Landscape Use:	Evergreen screen or specimen plant for parks or large landscape settings. Suitable alternative to Leyland cypress.
Availability:	Readily available from wholesale nurseries and some retail and mail-order sources.

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