
Ulmus ‘Patriot’



The U.S. National Arboretum presents *Ulmus* ‘Patriot’, a hybrid elm for planting sites demanding a big, tough tree. ‘Patriot’ was bred and selected for pest and disease tolerance and a wide, vase-shaped crown. Fast-growing and highly tolerant to Dutch elm disease, it is easily established in the nursery or landscape. Select ‘Patriot’ for those park, lawn or highway sites requiring a tree of exceptional vigor.



U.S. National Arboretum Plant Introduction
Floral and Nursery Plants Research Unit



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'Patriot' hybrid elm

Botanical name:	<i>Ulmus</i> 'Patriot' (<i>U.</i> 'Urban' × <i>U. davidiana</i> var. <i>japonica</i> 'Prospector') (NA 60071; PI 566597)
Family:	Ulmaceae
Hardiness:	USDA Zones 4–9
Development:	'Patriot' resulted from a controlled pollination made in 1980 by A. M. Townsend between <i>Ulmus</i> 'Urban' (a complex hybrid involving <i>U. pumila</i> , <i>U. ×hollandica</i> , and <i>U. minor</i>) and a selection of the Asian elm <i>U. davidiana</i> var. <i>japonica</i> that was later released as 'Prospector'. 'Patriot' was selected initially for its tolerance to Dutch elm disease in field inoculation studies in Delaware, Ohio, and Glenn Dale, Maryland. In further field and laboratory evaluations, 'Patriot' showed the highest level of elm leaf beetle tolerance of more than 600 hybrids resulting from the 1980 cross. Released 1993.
Significance:	'Patriot' is a hybrid elm with a moderately vase-shaped crown, showing high levels of tolerance to two of the major disease and insect pests of landscape elms. It has also shown field tolerance to natural infections of elm yellows. In contrast with many elms, it is rapidly and easily established in the nursery and has performed well in locations from Texas and Iowa to Maine.
Description:	<p>Height and Width: 43 feet tall with a crown spread of 25 feet in 13 years; achieved 30 feet and up to 5 inch caliper in 8 years in sod culture. Gets off to a fast start.</p> <p>Habit: Vigorous, single-stemmed, deciduous tree with moderately vase-shaped crown. Excellent in nursery row.</p> <p>Foliage: Large, green, serrate leaves average 4 inches long and 3 inches wide. Yellowish autumn color. Moderate resistance to elm leaf beetle damage.</p>
Culture:	Tolerates a wide variety of growing conditions, including poor or alkaline soils, salts, and air pollution.
Propagation:	Roots easily from softwood cuttings under mist, treated with 3000 ppm IBA, within 4 weeks. Makes rapid growth from cuttings.
Landscape use:	Good substitute for American elm where a tree with high, spreading crown or large shade tree is desired. Useful for streets and parks in urban and community plantings.
Availability:	Limited commercial availability.

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