

E105 National Elm Trial

WSU#	Cultivar	Parentage	Additional Information
1.	'Clone D'	<i>U. davidiana</i> var. <i>japonica</i> (formerly <i>U. propinqua</i>)	Currently under evaluation.
2.	'Emer II' Allee®	<i>U. parvifolia</i>	Patented as 'Emer II' (PP#7552, 1991); cultivar first called Emerald Vase. *Height 50'; Spread 35'. Orange to rust red fall color.
3.	'Frontier'	<i>U. carpinifolia</i> x <i>U. parvifolia</i>	U.S. National Arboretum introduction. Height 40'; Spread 30'. Burgundy-red fall color.
4.	'Homestead'	<i>U. glabra</i> x <i>U. carpinifolia</i> x <i>U. pumila</i>	Complex hybrid, among the first hybrid elms to be used as an American elm street tree replacement. Height 55'; Spread 35'. Yellow fall color.
5.	'Morton Glossy' Triumph®	<i>U. pumila</i> x <i>U. japonica</i> x <i>U. wilsoniana</i>	Complex hybrid from Morton Arboretum, Dr. George Ware breeder. Height 55'; Spread 50'. Yellow fall color.
6.	'Morton Plainsman' Vanguard	<i>U. japonica</i> x <i>U. pumila</i>	From open-pollinated <i>U. japonica</i> seed received in 1980 by Morton Arboretum from Morden Research Station, Morden, Manitoba, Canada. Height 45'; Spread 45'. Yellow fall color.
7.	'Morton Red Tip' Danada Charm®	<i>U. japonica</i> x <i>U. wilsoniana</i>	From Morton Arboretum. Emerging red, foliage becomes dark green. Height 70'; Spread 60'. Yellow fall color.
8.	'Morton Stalwart' Commendation®	<i>U. carpinifolia</i> x <i>U. pumila</i> x <i>U. wilsoniana</i>	Complex hybrid from Dr. George Ware's breeding program at the Morton Arboretum. Rapid growing. Height 60'; Spread 50'. Yellow fall color.
9.	'Morton' Accolade®	<i>U. japonica</i> x <i>U. wilsoniana</i>	From Morton Arboretum, selected from plants grown from seed received in 1924. Height 70'; Spread 60'. Golden yellow fall color.
10.	'New Horizon'	<i>U. pumila</i> x <i>U. japonica</i>	Hybrid from controlled cross, patent held by Wisconsin Research Foundation (PP#8684). Height 40'; Spread 25'. Rusty reddish fall color.
11.	'Patriot'	(<i>U. glabra</i> x <i>U. carpinifolia</i> x <i>U. pumila</i>) x <i>U. wilsoniana</i>	Complex hybrid developed by A.M. Townsend, U.S. National Arboretum, released by USDA 1993. Height 50'; Spread 40'. Yellow fall color.
12.	'Pioneer'	<i>U. glabra</i> x <i>U. carpinifolia</i>	One of first hybrid elms to be used in U.S. as American elm replacement. Height 50'; Spread 50'. Yellow fall color.

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13.	'Prospector'	<i>U. wilsoniana</i>	Introduced by the National Arboretum. Height 40'; Spread 30'. Yellow fall color.
14.	'Valley Forge'	<i>U. americana</i>	Introduced by the National Arboretum. Height 70'; Spread 60'. Yellow fall color.
15.	'Princeton'	<i>U. americana</i>	Selection made in 1922 by William Flemer. Height 65'; Spread 50'. Yellow fall color.
16.	'New Harmony'	<i>U. americana</i>	Introduced by the U.S. National Arboretum. Height 70'; Spread 65'. Yellow fall color.
17.	'Lewis and Clark' Prarie Expedition®	<i>U. americana</i>	Selection is the lone survivor of Dutch Elm Disease found near Fargo, ND. Extremely cold hardy. Height 65'; Spread 50'. Yellow fall color.
18.	'Jefferson'	<i>U. americana</i>	U.S.National Arboretum/National park Service joint introduction. Height 70'; Spread 50'. Yellow fall color.

* Ultimate sizes are estimates based on information available in the literature.

References

Frank S. Santamour, Jr. and Susan E. Bentz. Updated Checklist of Elm (Ulmus) Cultivars for Use in North America. *Journal of Arboriculture*. 21:3 (May 1995), 122-131.

Keith Warren. The Return of the Elm: The Status of Elms in the Nursery Industry in 2000. *Metria* 11: Proceedings of the Eleventh Conference of the Metropolitan Tree Improvement Alliance. <http://www.ces.ncsu.edu/fletcher/programs/nursery/metria/metria11/...>