

**Table 1. Performance of elm cultivars and species in the Iowa State University trials, 2010.\***

Elm	Cultivar	<i>Ulmus</i> species	Plant date	Diam at 1 ft (in.)**	Crown Breadth (ft)**	Height (ft)**	Crown shape	Leaves***	Cause of death or quality of trunk and branches***	Survival (of 5)
1	Denada Charm 'Morton Red Tip'	<i>U. japonica</i> X <i>U. wilsoniana</i>	2005						Three remaining trees split due to narrow branch angles	0
2	Triumph Morton Glossy	<i>U. pumila</i> X <i>U. japonica</i> X <i>U. wilsoniana</i>	2005	5.8 cb	24 b-d	30.3 ab	vase	Large, glossy, No leaf spots	Moderate angles	5
4	Homestead	<i>U. glabra</i> X <i>U. carpinifolia</i> X <i>U. pumila</i>	2005	5.1 b-d	23.1 cd	30.3 ab	oval	Small, thin canopy, anthracnose	Moderate angles	4
5	Patriot	( <i>U. glabra</i> X <i>U. carpinifolia</i> X <i>U. pumila</i> ) X <i>U. wilsoniana</i>	2005	5.5 b-d	25.9 bc	30.0 ab	pyramid	Medium glossy leaves, no disease	Moderate to narrow angles, bacterial wetwood	4
6	Emerald Sunshine	<i>U. propinqua</i>	2005	8.6 a	8.9 h	15.0 d	Vase Many side shoots	Large pubescent, no leaf spots	Two trees split due to narrow branch angles	2
7	Commendation Morton Stalwart	<i>U. carpinifolia</i> X <i>U. pumila</i> X <i>U. wilsoniana</i>	2005	6.1 b	31.2 a	32.4 a	round	Medium, glossy, no leaf spots	Some narrow angles, needs pruning.	5
8	Vanguard Morton Plainsman	<i>U. pumila</i> X <i>U. japonica</i>	2005	5.8 bc	28.8 ab	30.6 ab	round	Small, thin canopy, anthracnose	Moderate angles, bacterial wetwood.	5
9	Frontier	<i>U. carpinifolia</i> X <i>U. parvifolia</i>	2005	4.6 c-e	11.3 gh	20.5 c	conical	Small, thin canopy, anthracnose	One died from sunscald on SE trunk.	4
10	Pioneer	<i>U. glabra</i> X <i>U. carpinifolia</i>	2005	4.8 b-e	20.1 d-f	26.5 b	vase	Big leaves, mod. anthracnose	Some narrow angles.	4
11	New Horizon	<i>U. pumila</i> X <i>U. japonica</i>	2005						The single remaining tree died from sunscald.	0
12	Accolade Morton	<i>U. japonica</i> X <i>U. wilsoniana</i>	2005	5.1 b-d	21.7 c-e	30.0 ab	round/ vase	Large, glossy, no leaf spots	Moderate angles.	5
13	Prospector	<i>U. wilsoniana</i>	2005	5.4 b-d	25.8 bc	26.0 b	round	Large, glossy, few leaf spots	Moderate angles, bacterial wetwood	5
14	Valley Forge	<i>U. americana</i>	2005							0
15	New Harmony	<i>U. americana</i>	2006	4.3 de	11.6 gh	26.2 b	pyramid	Large, glossy, few leaf spots	Some narrow angles, needs pruning	5
16	Princeton	<i>U. americana</i>	2006	5.1 b-d	17.1 ef	29.8 ab	vase	Large, glossy, few leaf spots	Very narrow angles, splitting trunk	4
17	Prairie Expedition	<i>U. americana</i>	2007	3.7 e	15.3 fg	17.5 cd	Round, assymetrical	Large, glossy, no leaf spots	Two trees split due to narrow branch angles	2

\*Growth data taken in October 2010; \*\*Means in a column followed by the same letters are not significantly different ( $P < 0.05$ ); \*\*\*Leaf, branch, and trunk observations made July 2010.