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# Discovery<sup>®</sup> Elm

*Ulmus davidiana japonica* 'Discovery'



# Discovery<sup>®</sup> Elm

*Ulmus davidiana* var. Japonica 'Discovery'

*A new and exciting introduction with improved crown form and excellent resistance to Dutch Elm Disease, leaf aphids and elm leaf beetle.*

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**Botanical Name:** *Ulmus davidiana* var. Japonica 'Discovery'

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**Family:** *Ulmaceae*

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**Common Name:** Discovery<sup>®</sup> Elm

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**Origin:** A clonal selection from a seedling population. The seedling source was an open pollinated cross of Japanese Elm trees from a Manchurian source, growing at the Morden Research Station. Developed by Rick Durand of Portage la Prairie, MB.

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**Hardiness:** Zone 3 (Canadian and USDA)

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**Growth Rate:** Medium to fast.

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**Description:** Discovery<sup>®</sup> Elm is similar in shape to the American Elm but is approximately 30% smaller. The crown form of Discovery<sup>®</sup> Elm is unique for Japanese Elm. Instead of the irregular and broad-shaped crown of other Japanese Elms, Discovery<sup>®</sup> has symmetrical branching, an upright growth form and develops the classic, vase-shaped elm crown as it approaches maturity. It produces a few small seeds.

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**Culture:** Easily transplanted. Adapts well to a variety of soils in full sun and partial shade.

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**Pest and Disease:** Excellent resistance to Dutch Elm Disease, leaf aphid and elm leaf beetle.

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**Landscape Value:** Excellent in residential, downtown and parkway plantings, especially where an upright growth habit and reduced crown spread are required.

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**Propagation:** Tissue culture.

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**Sales Potential:** Discovery<sup>®</sup> Elm offers the landscape industry a quality alternative to American Elm for residential and commercial sites.

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**Production:** Propagation by licensed growers only. Canadian Plant Breeders Rights and U.S. Plant Patent applied for. COPF royalty of 50 cents.

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**For additional information about Discovery<sup>®</sup> Elm, contact Rick Durand:**

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