

## Ulmus parvifolia x carpinifolia 'Frontier' Elm

Zone 5-8

Height—25'-30'

Width—15'-20'



Crown: Upright Pyramidal  
Growth: Vigorous  
Soils: Adaptable, probably  
pH Acid to Neutral  
Drainage: Well Drained  
Drought: High Tolerance  
Bark: Smooth, no Exfoliation

Ulmus 'Frontier' is an introduction of the National Arboretum. It is a cross of *Ulmus carpinifolia* and *Ulmus parvifolia*. It is an intermediate sized Elm, showing a high level of disease resistance to Dutch Elm disease and Elm Yellows, and has moderate resistance to Elm Leaf Beetle.

It flowers rarely and no seed bearing has been reported. Leaves are dark green and glossy. The bark is smooth grey-green with orange lenticels, and not exfoliating. Best of all, this is the only Elm on the market with red fall color.

'Frontier' has proven itself in a wide range of locations and climates, California to Maryland, Ohio to Oklahoma. It is also very tolerant of urban conditions.

Transplanting of Elms is always touchy, but 'Frontier' seems to be easier than most. It is still suggested that 'sweating' and removing almost all of lateral limbs will be helpful in getting the tree started.

Robinson Nursery has 'Frontier' available in whip and branched trees, and also in the near future, in #3 containers.

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