

RESISTA® NEW HORIZON

All RESISTA® elms have a very high level of resistance to Dutch elm disease, which is caused by *Ophiostoma ulmi* and *Ophiostoma novo ulmi*. This resistance has been continually checked since 1979 by internal and official tests. In addition, they have a very high tolerance of verticillium (leave wilting).

The plant variety protection gives you binding security. The RESISTA® elms can all be clearly identified by the implanted microchip and come with a special variety label. The associated authenticity certificate is attached to each delivery. RESISTA® New Horizon is a hybrid of *Ulmus japonica* x *Ulmus pumila* and originates from the breeding work of Prof. Smalley, Madison University, Wisconsin, USA.

Growth

RESISTA® New Horizon is a fast-growing, medium-sized tree. The crown grows thick and becomes a wide round to oval shape. The circumference of the stem has noticeably strong growth from youth onward. The thick, very healthy and fresh green leaves give the tree great aesthetic appeal.

Size

RESISTA® New Horizon grows up to 25 m in height and 10 m in width. The annual growth in height is 30 - 50 cm, which varies depending on the location.

Bark

The light grey/brown bark has slight red tones. It starts out smooth but later becomes vertically grooved.

Leaves

The dark-green, silky-smooth leaves are 8 - 12 cm long and 4 - 7 cm wide. The leaf node is slightly asymmetrical and the leaf margin has irregular double serration. Fallen leaves decompose very quickly.

High tolerance of different locations

RESISTA® New Horizon grows well in a wide range of different locations. The elm is also suitable for weak locations because overall it is undemanding, wind resistant, hardy and tolerant of urban conditions. Once the trees have established themselves at their final location, they display amazing tolerance of drought stress.

They are particularly suited to sunny or semi-shaded locations with slightly acidic to alkaline soil - from shallow to deep and moderately dry to damp. Floods, even in summer, are withstood well. In winter, RESISTA® New Horizon shows a good tolerance of salt. Little maintenance is required because the leaves decompose quickly.

Our recommendation

With its compact shape and high level of adaptability to different clearance gauges, RESISTA® New Horizon is particularly suitable as a street or park tree. RESISTA® New Horizon very quickly develops a strong stem and large crown with thick leaves and a compact, closed, habitus. Its appearance is similar to that of the small leaf lime and many users are now favouring it. For locations where large trees are required very quickly, RESISTA® New Horizon is the ideal variety!

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