

# RESISTA® REGAL

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® Regal is a hybrid of (*Ulmus hollandica vegeta* x *Ulmus carpinifolia*) and (*Ulmus pumila* x *Ulmus carpinifolia hoershominensis*) and originates from the breeding work of Prof. Smalley, Madison University,

## Growth

RESISTA® Regal is a medium-sized to large, relatively fast-growing tree. Its outstanding features include the natural leader formation, which often reaches far into the crown. The upright branches form a relatively narrow, lively and transparent crown.

## Size

RESISTA® Regal grows up to 20 m in height and 8 m in width. The annual growth in height is 40 - 70 cm, which varies depending on the location.

## Bark

The grey to light brown bark is initially smooth and later becomes grooved.

## Leaves

The dark green, slightly shiny leaves are 8 - 12 cm long and 3 - 5 cm wide. The inverted oval leaf margin with irregular double serration has thick veins. The leaves stay on the tree for a long time in autumn and turn bright yellow. Fallen leaves decompose very quickly.

## High tolerance of different locations

RESISTA® Regal has a high tolerance for different locations. The elm is suitable for sunny to semi-shaded locations with slightly alkaline, fresh, permeable soil. The tree, which is low maintenance overall, however, is also suitable for weak locations.

The elm is hardy, wind resistant and able to tolerate urban conditions. Once the trees have established themselves at their final location, they display amazing tolerance of drought stress. Floods, even in summer, are withstood well.

## Our recommendation

RESISTA® Regal has a slightly more open crown, reminiscent of the features of the original elm varieties. The slim growth and transparent habitus make RESISTA® Regal an outstanding city and avenue tree. RESISTA® Regal is ideally suited to built-up areas, as an urban street tree or for arrangement in small groups in inner city areas.

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