

M1

Origin: Italy (Università degli Studi di Milano [DiSAA]- 1986).

VEGETATIVE FEATURES

Leaf: large, wedge-shaped, whole, slightly three-lobed, with an open-lyre petiolar sinus; the upper side is hairless and the flap is bullous, dark-green-colored, opaque; the lower side is bristly, green colored, with light-green ribs.

Woody shoot: long, not very branched, not very developed secondary shoots, elastic, ribbed, hairless, partially pruinose, dark brown-gray in color.

CULTURAL APTITUDES

Ability to promote fruit setting: poor.

Root system regeneration: slow.

ADAPTABILITY TO SOIL TYPE

Compact: good.

Wet: acceptable.

Dry: good.

Stony: good.

Acidic: poor.

Saline: acceptable.

Branching pattern of the roots: expanded.

Tendency to emission of suckers: poor.

SUSCEPTIBILITY TO DEFICIENCIES OR EXCESSES

Deficiency of N: low sensitivity.

Deficiency of K: sensitive.

Deficiency of Mg: sensitive.

Deficiency of Fe: low sensitivity.

Deficiency of Zn: low sensitivity.

Deficiency of B: sensitive.

Deficiency of Zn: low sensitivity.

Resistance to root phylloxera: excellent.

Resistance to leaf phylloxera: sensitive.

SUSCEPTIBILITY TO FUNGAL AND PLANT DISEASES

Downy mildew: low.

Powdery mildew: low.

Anthracoze: sensitive.

Melanosis: sensitive.



OTHER INFORMATION

Behavior in the nursery: it has a slow vegetative growth and rooting capacity, though it tends to develop a consistent quantity of fasciculate crown-shaped roots. In the nursery it guarantees a medium-high yield.

Behavior in the propagation block: it delays lignification, it is suitable to being grown sprawling on the ground, but it guarantees medium-high yields whether grown sprawling or on trellises.

Behavior in the open field: the root system tends to develop within the first 40cm of soil; it well adapts to chlorosis inducing soils with a low salinity; it prefers deep and fresh soils. Limited production capacity and induced vigor; it favors the accumulation of sugars, anthocyanins and polyphenols.