

M3

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

VEGETATIVE FEATURES

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

Woody shoot: long, branched, elastic, with prominent development of secondary shoots, hairless, uniform, red-purple in color.

CULTURAL APTITUDES

Ability to promote fruit setting: slow.

Root system regeneration: slow.

ADAPTABILITY TO SOIL TYPE

Compact: acceptable.

Wet: poor.

Dry: poor.

Stony: poor.

Acidic: poor.

Saline: acceptable.

Branching pattern of the roots: expanded.

Tendency to emission of suckers very poor.

SUSCEPTIBILITY TO DEFICIENCIES OR EXCESSES

Deficiency of K: low sensitivity.

Deficiency of Mg: sensitive.

Deficiency of Mn: low sensitivity.

Deficiency of Fe: low sensitivity.

Deficiency of B: low sensitivity.

Resistance to root phylloxera: good.

Resistance to leaf phylloxera: average.

SUSCEPTIBILITY TO FUNGAL AND PLANT DISEASES

Downy mildew: low.

Powdery mildew: low.

Anthracoze: very sensitive.



OTHER INFORMATION

Behavior in the nursery: slow/moderate growth resumption and rooting capacity, 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 anticipates lignification, it develops tendentially thin branches, it guarantees average yields both when raised sprawling on the ground and on trellis.

Behavior in the open field: it contains vigor and productivity and anticipates ripening; it promotes the accumulation of sugars, anthocyanins and polyphenols. It requires clayey soils, provided they are not subject to long-lasting drought.