

101-14 (RIPARIA x RUPESTRIS GROUP)

Origin: France (Millardet and De Grasset – 1882).

VEGETATIVE FEATURES

Leaf: medium-sized, wedge-shaped, slightly three-lobed, with an open U-shaped petiolar sinus; the upper side is opaque green, hairless, with pink-colored main ribs, the lower side is hairless, and the flap is light-green, slightly bent, thick, the main ribs are intensely purple-colored.

Woody shoot: long, well branched, elastic, hairless, purple-dark brown.

CULTURAL APTITUDES

Ability to promote fruit setting: good.

Root system regeneration: slow.

ADAPTABILITY TO SOIL TYPE

Compact: acceptable.

Wet: poor.

Dry: poor.

Stony: poor.

Acidic: very poor.

Saline: good.

Branching pattern of the roots: expanded, tendentially shallow.

SUSCEPTIBILITY TO DEFICIENCIES OR EXCESSES

Deficiency of N: sensitive.

Deficiency of K: sensitive.

Deficiency of Mg: sensitive.

Deficiency of Fe: sensitive.

Deficiency of Zn: sensitive.

Deficiency of B: sensitive.

Deficiency of P: low sensitivity.

Deficiency of Cu: low sensitivity.

Resistance to root phylloxera: good.

Resistance to leaf phylloxera: poor.

SUSCEPTIBILITY TO FUNGAL AND PLANT DISEASES

Downy mildew: low.

Powdery mildew: low.

Anthracoze: very sensitive.

Eutypa disease: low.

Rachis desiccation: it promotes sensitivity.



OTHER INFORMATION

Behavior in the nursery: the rooting is good with most of the varieties, so much so, that it is considered an easy-to-grow rootstock.

Behavior in the propagation block: it is suitable to be cultivated sprawling on the ground, but it is advisable to grow it on trellis, so as to keep the development of secondary shoots under control; it is characterized by a short productive cycle.

Behavior in the open field: suitable for fresh and wet environments, provided that the soil is not rich in limestone; it induces an earlier harvest; it favors different growths between the bionts; it enhances the qualitative characteristics of the grapes. Incompatibility phenomena with some Sauvignon e Cabernet Sauvignon clones may occur.