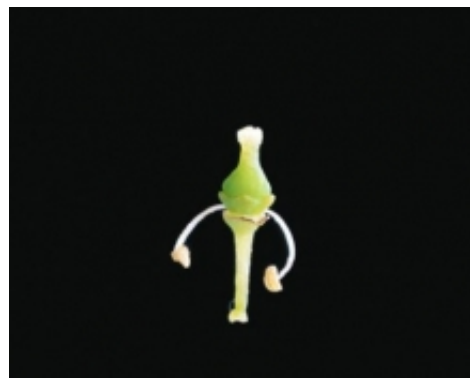




Grézot 1



Name of vine variety in France (and common name)

Grézot 1 (G 1)

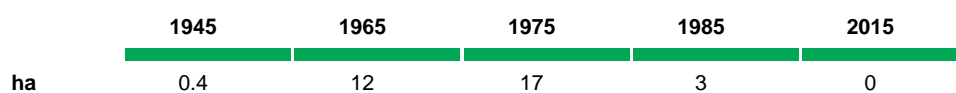
Breeder and year of obtention

Victor Grézot, 1894

Genetic origin

Based on genetic analyses carried out in Montpellier, this variety is derived from a 1202 Couderc seedling (*Vitis rupestris* - *Vitis vinifera* cv. Mourvèdre N).

Evolution of areas under rootstock nurseries



Estimated surface area of French vineyards grafted with this rootstock and the

10 ha.

Ampelographic description

Identification signs include:

- the tip of the young shoot is half-open with an absence to very slight coat of flat-lying hairs,
- young leaves are slightly bronze; the shoots have an absence of flat-lying and upright hairs,
- adult leaves are kidney-shaped, upturned with an open petiolar sinus; teeth with one side slightly convex and the other side slightly concave,
- female flowers,
- very small berries, round-shaped with a bluish black skin.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	135	250	239	236	188	256	236	241	237

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	149	265	249	262	191	262	262	243	237

Resistance to soil parasites

G 1 displays moderate resistance to phylloxera. This root stock must therefore be used under unfavorable conditions for this pest.

Adapt to environment

G 1 is susceptible to chlorosis and resists just up to 6% of active limestone. It is likewise susceptible to drought. This rootstock easily absorbs magnesium and is quite resistant to magnesium deficiency. It does however have difficulty in absorbing potassium in the soil. G 1 is likewise susceptible to chlorides and must be avoided when there is a risk of salinity.

Interaction with grafts and production objectives

G 1 generally displays a good affinity to grafts. Moderate to high vigor. This rootstock produces good results with Chasselas B.

Aptitudes for plant propagation

This rootstock is a low to moderate wood producer (25 000 to 40 000 m/ha) but it displays good propagation by cuttings and grafting capacity.

Resistance to aerial parasites

G 1 displays moderate resistance to gallicolae phylloxera and good resistance to downy mildew.

Clonal selection in France

There are no approved clones for this variety at the present time.



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