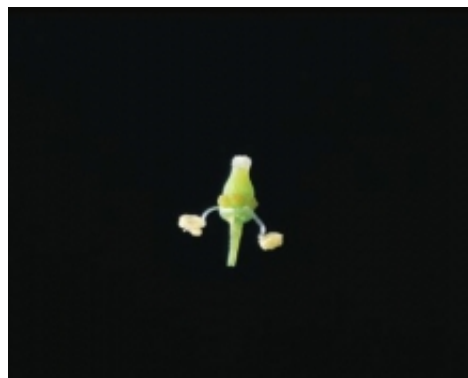




1447 Paulsen



Name of vine variety in France (and common name)

1447 Paulsen (1447 P)

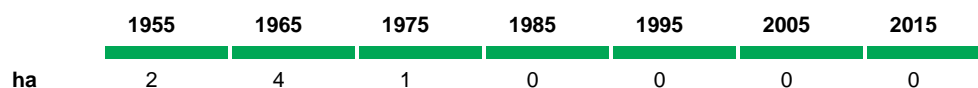
Breeder and year of obtention

Federico Paulsen, 1896

Genetic origin

This variety is derived from the crossbreeding of *Vitis berlandieri* and *Vitis rupestris* cv. Martin.

Evolution of areas under rootstock nurseries



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

< 5 ha.

Ampelographic description

Identification signs include:

- the tips of the young shoot have a heavy coat of flat-lying hairs,
- the young leaves are slightly bronze,
- the shoot displays upright growth and is bushy, ribbed contour, red or pink internodes on the upper side, green on the underside with a heavy coat of upright hairs on the nodes and the internodes,
- adult leaves are small, kidney-shaped, whole, folded groove toward the upper side with a curved or open V-shaped petiolar sinus; light green leaf blade and the underside with a moderate coat of upright hairs,
- female flowers, very small berries, round-shaped with a bluish black skin,
- vine shoots with a moderate coat of upright hairs.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	135	223	233	236	196	252	236	218	259

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	145	265	260	249	214	264	249	251	259

Resistance to soil parasites

1447 P displays a high tolerance level to radicolae phylloxera. Its resistance to *Meloidogyne incognita* and *Meloidogyne arenaria* nématodes is also very good.

Adapt to environment

1447 P is moderately to well adapted to limestones soils. It resists up to 17% total limestone. It is likewise resistant to drought.

Interaction with grafts and production objectives

1447 P displays strong vigor. It thus produces high yields but the plant growth rate is somewhat slow.

Aptitudes for plant propagation

This rootstock has good propagation cuttings and grafting capacity.

Resistance to aerial parasites

1447 P is susceptible to gallicolae phylloxera but it displays high resistance to downy mildew.

Clonal selection in France

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



Cette œuvre est mise à disposition selon les termes de la [Licence Creative Commons Attribution - Pas d'Utilisation Commerciale - Partage dans les Mêmes Conditions 4.0 International](https://creativecommons.org/licenses/by-nc-sa/4.0/)



INRA
SCIENCE & IMPACT



Montpellier

GenoVigne



Pl@ntNet

agropolis fondation