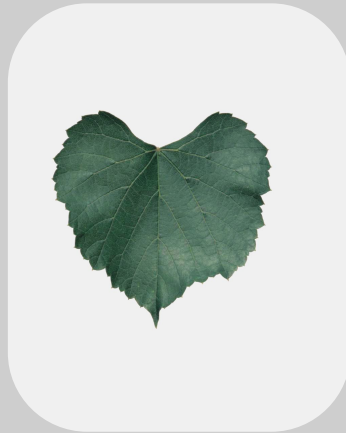
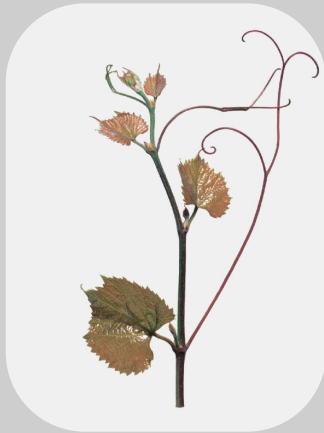


# 1447 Paulsen



## Genetic origin

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

## Name of the variety in France (and usual name)

1447 P

## Breeder/breeder and year obtained

Federico Paulsen, 1896.

## Estimated surface area of the French vineyard grafted with this rootstock and main regions of use

< 5 ha .

## Elements of ampelographic description

The identification is based on:

- the tip of the young shoot with a high density of prostrate hairs,
- the slightly bronzed young leaves,
- the shoots with a bushy and erect bearing, a ribbed surface, red or pinkish internodes on the dorsal side, green on the ventral side, and a high density of erect hairs on the nodes and the internodes,
- the small, kidney-shaped, entire, adult leaves, with an open V- or brace-shaped petiole sinus, a light green leaf blade, folded towards the upper side of the blade, and on the lower side of the leaves, a medium density of erect hairs,
- the female flowers,
- the very small, round-shaped berries, with a blue black skin,
- the woody shoots with a medium density of erect hairs.

## Evolution of mother vine surfaces

Year	1955	1965	1975	1985	1995	2005	2015
ha	2	4	1	0	0	0	0

## Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allele 1	135	223	233	236	196	252	236	218	259
Allele 2	145	265	260	249	214	264	249	251	259

### Resistance to soil pests

1447 P is highly tolerant to the root form of phylloxera. Its resistance to *Meloidogyne incognita* and *Meloidogyne arenaria* nématodes is also very good.

### Aptitudes for vegetative multiplication

This rootstock has good cutting and grafting capacities.

### Clonal selection in France

In France, the only certified 1447 Paulsen clone carries the number 1307.

### Bibliographic references

- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi, France.
- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Montpellier SupAgro, Marseillan, France.
- Cépages et vignobles de France, tome 1. P. Galet, 1988, Ed. Dehan, Montpellier, France.

### Adaptation to the environment

1447 P is characterized by a moderate to high adaptation to limestones soils. It resists up to 17% of "active" limestone. It is also resistant to drought.

### Interaction with the graft and production objectives

1447 P confers a strong vigor. Thus, the varieties grafted onto it produce high yields but the plants development is rather slow.



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