

# Kober 125 AA



## Genetic origin

This variety results from the crossbreeding of *Vitis berlandieri* and *Vitis riparia* derived from Euryale Rességuier.

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

125 AA

## Breeder/breeder and year obtained

Sigmund Teleki and Franz Kober, 1896.

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

200 ha . Alsace.

## Elements of ampelographic description

The identification is based on:

- the tip of the young shoot that is half open or closed, with a medium density of prostrate hairs,
- the very bronzed young leaves,
- the shoots with a ribbed surface, a slightly elliptic section, a low to moderate anthocyanin coloration of the internodes and a high density of erect hairs on the internodes and the nodes,
- the large, wedge-shaped, dark green adult leaves, entire or with sometimes three lobes for the leaves at the base, an open U-shaped petiole sinus, a moderate anthocyanin coloration of veins, 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 brown or brown grey internodes, purplish nodes and a high density of erect hairs on the internodes and nodes.

## Evolution of mother vine surfaces

Year	1955	1965	1975	1985	1995	2005	2015
ha	2	1	11	25	14	14	11

## Genetic profile

	MicrosatelliteVVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allele 1	139	223	231	236	192	252	236	214	259
Allele 2	145	263	251	249	210	260	249	251	259

### Resistance to soil pests

125 AA is highly tolerant to the root form of phylloxera.

### Aptitudes for vegetative multiplication

125 AA wood production is medium to good (30 000 to 80 000 m<sup>3</sup>/ha) and has a good cutting capacity. Its internodes are long with a moderate diameter.

### Clonal selection in France

In France, the 6 certified 125 AA clones carry the numbers 136, 181, 182, 183, 184 and 185.

### 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

125 AA resists up to 13% of "active" limestone. Its resistance to iron chlorosis is thus considered low to moderate and it seems susceptible to excess spring humidity. On the other hand, 125 AA poorly absorbs magnesium.

### Interaction with the graft and production objectives

125 AA confers a medium to high vigor to the grafts. It shows a good affinity with Müller-Thurgau.



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