



Voltis B



Name of the variety in France

Voltis

Origin

Voltis has been obtained by INRA. This interspecific hybrid results from the crossbreeding of Villaris and a descendant of *Muscadinia rotundifolia*

Synonyms

There is no officially recognized synonym in France nor in the other countries of the European Union, for this variety.

Legal information

In France, Voltis is officially listed in the "Catalogue of vine varieties" since 2018 on the A list and classified.

Use

Wine grape variety.

Evolution of cultivated areas in France

	2018
ha	1.7

Descriptive elements

The identification is based on:

- the tip of the young shoot with a medium to high density of prostrate hairs and a piping distribution of anthocyanin coloration,
- the green young leaves, with a medium density of prostrate hairs on the lower side of leaves,
- the shoots with red internodes,
- the circular, dark green, adult leaves, entire or with three lobes, with an open V-shaped petiole sinus, short to medium teeth compared to their width at the base with straight or convex sides, a moderate anthocyanin coloration of veins, a hard, shiny, flat or involute, blistered, slightly goffered leaf blade, and on the lower side of the leaves, a low density of erect and prostrate hairs,
- the round-shaped berries with quite numerous lenticels.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	236	239	178	194	246	238	243	239
Allel 2	149	248	249	182	200	252	248	247	271

Phenology

Bud burst: 5 days after Chasselas.
Grape maturity: mid-season, 2 weeks after Chasselas.

Suitability for cultivation and agronomic production

Voltis is vigorous and has a semi-erect to erect bearing. This variety is moderately fertile and must be pruned long. Voltis' shoots are a little susceptible to node breaking and this variety can be sensitive to magnesium and potassium deficiency.

Susceptibility to diseases and pests

Voltis is resistant to downy mildew and to powdery mildew, but it is sensitive to black rot.

Technological potentiality

Voltis' bunches are medium in size and moderately compact. The berries are also medium in size, simple-flavored, with a moderately thick skin and a moderately juicy pulp.

Clonal selection in France

The only certified Voltis clone carries the number 1266.

Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Institut Agro | Montpellier, Marseillan, France.
- [Voltis variety note](#), C. Schneider, 2018.

Description of clones certified in France

Clone no.	Identity and availability		Agronomic data		Technological data	
	Origin	Selection	Fertility	Production level	Sugar level	Color potential
	Year of certification	Agronomic references	Bunch weight	Vigor	Titration acidity	Tannic structure
	Surface area used for propagation (year)		Berry size	Susceptibility to grey rot	Aromatic intensity	Oenological suitability
1266	Haut-Rhin 2017	INRA - IFV				

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