

# Voltis B

Wine grape variety.



## Origin

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

## Use

Wine grape variety.

## Name of the variety in France

Voltis

## Synonymy

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

## Regulatory data

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

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## Description 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 gophered 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.

# Evolution of cultivated areas in France

Year

2018

ha

1.7

## Genetic profile

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

### Cultivation and agronomic skills

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.

### Clonal selection in France

The only certified Voltis clone carries the number 1266.

### Phenology

Bud burst: 12 days after Chasselas.

Grape maturity: mid-season, 2 weeks after Chasselas.

### Technological potential

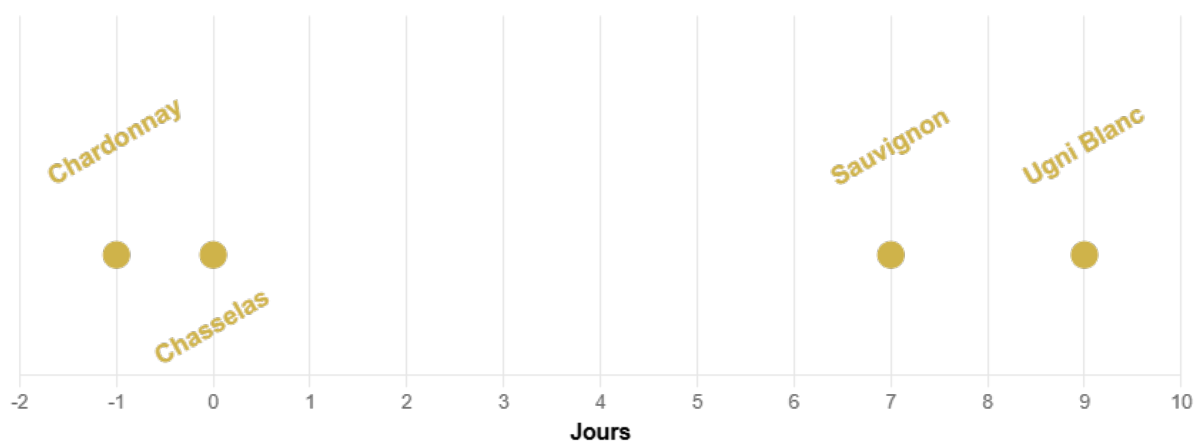
Voltis' bunches are medium in size and moderately compact. The berries are also medium in size, simple-flavored, with a moderately thick skin and a moderately juicy pulp.

### Susceptibility to Diseases and Pests

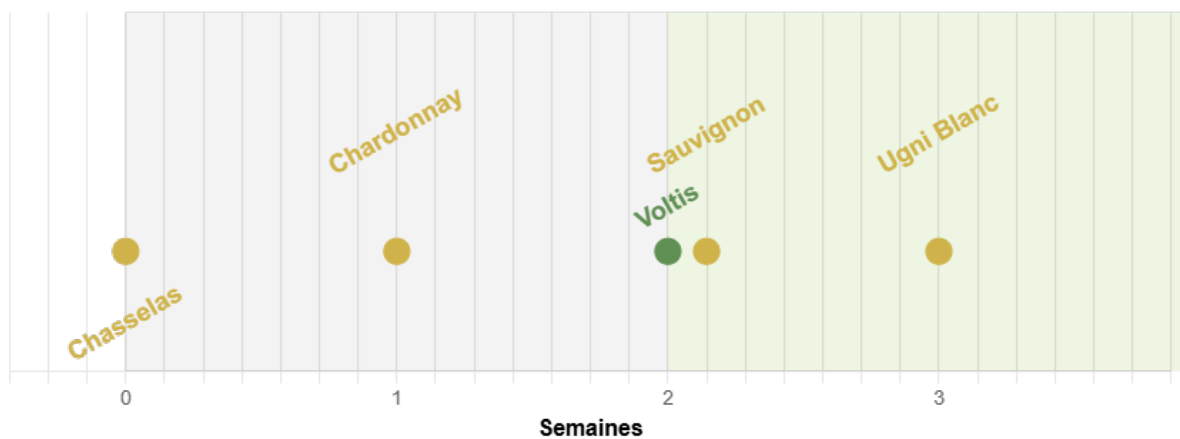
Voltis is resistant to downy mildew and to powdery mildew, but it is sensitive to black rot.

According to the breeder, based on current knowledge, two fungicide treatments for downy mildew and powdery mildew are essential to preserve resistance factors. This protection should be increased in case of high disease pressure.

### Debourrement



## Maturité



## 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. INRAE Grand-Est Colmar, 2026.



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