



## 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



### Descriptive elements

The identification is based on:

- the tip of the young shoot with a medium to high density of prostate hairs and a piping distribution of anthocyanin coloration,
- the green young leaves, with a medium density of prostate 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 prostate 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 - Montpellier SupAgro, 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                                | INRA - IFV           |                |                            |                    |                         |
|           | 2017                                     |                      |                |                            |                    |                         |

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