

# Carubis N

Grape variety intended for the production of fruit juices.







## Origin

Carubis is an interspecific hybrid obtained by Galibert. Based on genetic analyses carried out in Montpellier, it would result from the crossbreeding of Villard blanc (12375 Seyve-Villard) and Carignan.

#### Use

Grape variety intended for the production of fruit juices.

#### Name of the variety in France

Carubis

#### Synonymy

In France, this variety may officially be called "21-1 Galibert" concerning plant propagating material.

#### Regulatory data

In France, Carubis is officially listed in the "Catalogue of vine varieties" since 2017 on the A list.

### **Description elements**

The identification is based on:

- the white tip of the young shoot with a medium density of prostrate hairs,
- the copper reddish young leaves, with a low density of prostrate hairs,
- the shoots with red internodes,
- the circular, large adult leaves, entire or with three or five lobes, with a closed U-shaped petiole sinus, with sometimes a naked petiole vein, large teeth, moderately long compared to their width at the base with straight sides, a moderate to strong anthocyanin coloration of veins, an involute, blistered, slightly goffered leaf blade, and on the lower side of the leaves, a medium density of erect hairs and a very low density of prostrate hairs,
- the round-shaped or broad ellipsoid berries.

## **Evolution of cultivated areas in France**

 Year
 2018

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# Genetic profile

MicrosatelliteVVS2		VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allele 1	141	225	237	178	179	260	254	235	251
Allele 2	141	234	239	186	188	262	254	257	255

#### Cultivation and agronomic skills

Carubis is very vigorous and has a horizontal or semierect bearing. This variety can show symptoms of magnesium deficiency and can be affected by coulure.

#### **Clonal selection in France**

The only certified Carubis clone carries the number 1245.

#### Phenology

Bud burst: 14 days after Chasselas.

Grape maturity: mid-season, 2 weeks and a half to 3 weeks after Chasselas.

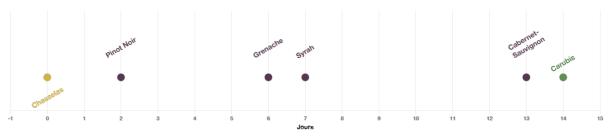
#### **Technological potential**

Carubis' bunches are large, moderately or not very compact. The berries are medium in size, simple-flavored, with a thick skin and a juicy pulp. The juices are rich in polyphenols and have an intense color.

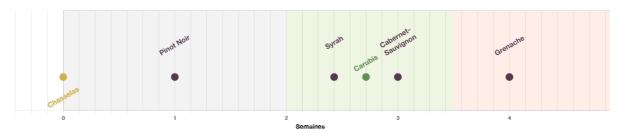
#### Susceptibility to Diseases and Pests

Carubis is sensitive to downy mildew and to vine leafhoppers. It is however not very susceptible to bud mite disease.

# Debourrement



#### Maturité



#### Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - ©2023 Plantgrape, all rights reserved











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