

# 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

ha

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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 semi-erect 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: 12 days after Chasselas.

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

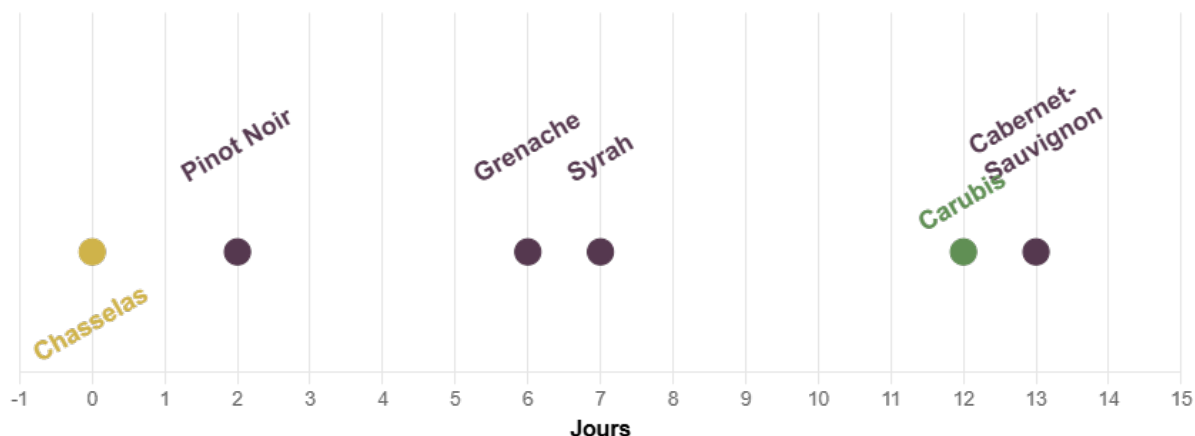
### Technological potential

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.

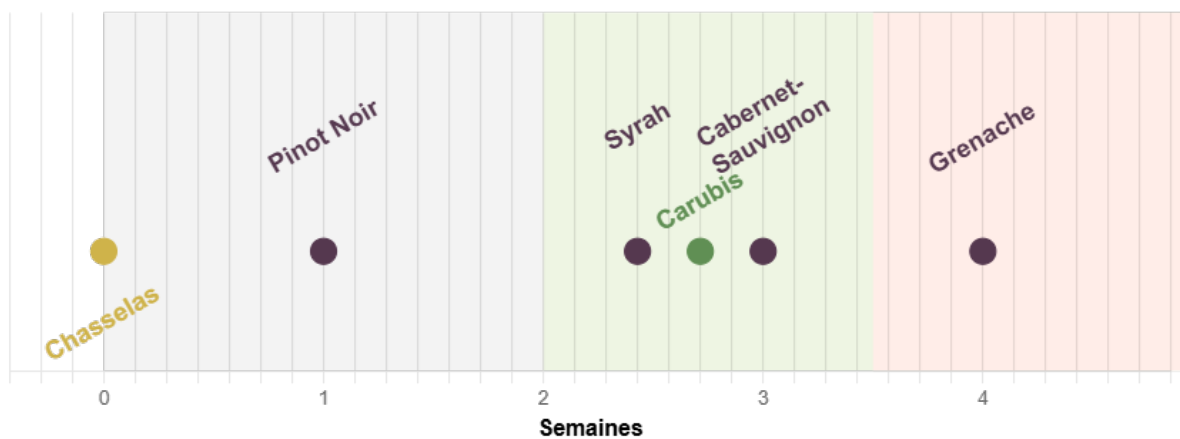
### Susceptibility to Diseases and Pests

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 - Institut Agro Montpellier, Marseillan, France.



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