

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 ha

20180

Genetic profile

Microsatellite	VVS2	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.

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.

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.

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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