



Carubis N



Name of the variety in France

Carubis

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 (18375 Seyve-Villard) and Carignan.

Synonyms

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

Legal information

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

Use

Grape variety intended for the production of fruit juices.

Evolution of cultivated areas in France



Descriptive elements

The identification is based on:

- the white tip of the young shoot with a medium density of prostate hairs,
- the copper reddish young leaves, with a low density of prostate 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 gofferred leaf blade, and on the lower side of the leaves, a medium density of erect hairs and a very low density of prostate hairs,
- the round-shaped or broad ellipsoid berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	141	225	237	178	179	260	254	235	251
Allel 2	141	234	239	186	188	262	254	257	255

Phenology

Bud burst: 14 days after Chasselas.

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

Suitability for cultivation and agronomic production

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.

Technological potentiality

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.

Clonal selection in France

The only certified Carubis clone carries the number 1245.

Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Montpellier SupAgro, Marseillan, France.

Description of clones certified in France

Clone no.	Identity and availability		Agronomic data		Technological data	
	<i>Origin</i>	<i>Selection</i>	<i>Fertility</i>	<i>Production level</i>	<i>Sugar level</i>	<i>Color potential</i>
	<i>Year of certification</i>	<i>Agronomic references</i>	<i>Bunch weight</i>	<i>Vigor</i>	<i>Titriable acidity</i>	<i>Tannic structure</i>
	<i>Surface area used for propagation (year)</i>		<i>Berry size</i>	<i>Susceptibility to grey rot</i>	<i>Aromatic intensity</i>	<i>Oenological suitability</i>
1245	Hérault	IFV - INRA				
	2016					

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