



## Carmenère N



### Name of vine variety in France

Carmenère

### Origin

This variety is originally from the Bordeaux vineyards.

### Synonymy

There is no officially recognized synonym in France nor in other countries in the European Union

### Regulations

In France, Carmenère N is officially listed in the "Catalogue of vine varieties". This variety is likewise listed in the Catalogues of other European Union member states: Bulgaria, Malta and Italy.

### Use

Wine grape variety

### Evolution of area under vines in France

	1958	1968	1979	1988	2000	2008	2016
ha	15	10	16	11	7	15	75

### Description

Identification signs include:

- the tips of the young shoots are densely covered with flat-lying hairs. The shiny young leaves are revolute and are red-orange with bronze patches,
- the stamen threads are crumpled during flowering,
- shiny adult leaves, orbicular, lobes with a slightly overlapping petiolar sinus; lateral sinuses frequently with a tooth at the base; moderate size teeth with straight sides; slight anthocyanin coloration of veins, revolute leaf blade and the underside with a slight coat of upright and flat lying hairs,
- round-shaped berries

## Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	137	223	239	172	188	248	238	235	239
Allel 2	145	236	262	186	204	248	254	247	239

## Phenology

Bud burst: 9 days after Chasselas. Grape maturity: period II, 2 weeks after Chasselas

## Suitability for cultivation and agronomic production

Bud burst: 9 days after Chasselas. Grape maturity: period II, 2 weeks after Chasselas

## Sensitivity to diseases and pests

Carmenère N appears not to be particularly susceptible to disease.

## Technological potential

The grape clusters are small and the berries moderate in size. Carmenère N produces fairly rich, very colored, tannic (sometimes with some bitterness), but oftentimes lacking acidity. In terms of aroma, the vegetal character dominates, except in the case of good maturity.

## Clonal selection in France

The only approved Carmenère N clone carries the number 1059.

## Bibliographic references


- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi.
- Documentation interne du Domaine de Vassal. 1949-2011, INRA, Marseillan-plage.
- Cépages et vignobles de France, tome 2. P. Galet, 1990, Ed. Dehan, Montpellier.
- Ampélographie. P. Viala et V. Vermorel, 1902-1910, Ed. Masson, Paris.

## Description of clones approved in France

Clone number	Identity and availability		Agronomic data		Technical data	
	Origin	Selection	Fertility	Production level	Sugar content	Potential color
	Year approved	Agronomic references	Weight of grape bunches	Vigor	Total acidity	Tannic structure
	Growing surface area		Size of berries	Sensitivity to Botrytis	Aromatic intensity	Oenological aptitudes
1059	Gironde	CA 33 - ENTAV		medium	medium to high	medium
	2002	Bordelais			medium	medium
			low to medium			distinctive wines of the vine variety

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1235	Gironde	Pépinières Mercier - IFV	moyenne	moyen à inférieur	moyenne à supérieure	moyen à supérieur
	2017	Bordelais	moyen à inférieur	moyenne	moyenne	moyenne à supérieure
			inférieure à moyenne	moyenne à inférieure	supérieure	Vins aromatiques avec un bon équilibre général

ENTAV  INRA<sup>®</sup> Production régulière et inférieure à la moyenne avec grappes petites et aérées. Bonne résistance au Botrytis. Vins colorés, aromatiques et bonne structure tannique. Appréciés en dégustation



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