



## Colombard B



### Name of vine variety in France

Colombard

### Origin

Based on published genetic analyses, this vine variety comes from a crossbreeding of Gouais B and Chenin B.

### Synonymy

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

### Regulations

In France, Colombard B is officially listed in the "Catalogue of vine varieties". This variety is likewise listed in the Catalogues of other European Union member states: Bulgaria, Cyprus, Spain and Portugal

### Use

Wine and eaux-de-vie vine variety

### Evolution of area under vines in France

	1958	1968	1979	1988	1998	2008	2016
ha	13105	11892	5829	4911	6740	7459	10710

### Description

Identification signs include:

- young leaves are yellow with bronze patches,
- adult leaves are obicular to kidney-shaped, full of 3-lobed with a very open V-shaped petiolar sinus, small teeth, no anthocyanin pigmentation of veins, upturned leaf blade and on the underside sparsely or moderately covered with flat-lying and upright hairs,
- short-elliptical shaped berries.

### Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	141	229	239	172	188	244	248	245	255

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	149	238	239	178	196	248	254	247	267

## Phenology

Bud burst: 2 days after Chasselas. Grape maturity: period II, 3 weeks after Chasselas.

## Suitability for cultivation and agronomic production

Colombard B is a fertile, very vigorous and productive vine variety. It can be long or short-pruned depending on production objectives. Pruning is fairly difficult because Colombard B wood is hard. At maturity, a tendency to shatter can sometimes be noted.

## Sensitivity to diseases and pests

This variety is slightly susceptible to powdery mildew on the leaves and grey rot at grape maturity.

## Technological potential

The grape clusters and berries are medium size. This variety enables producing pleasant, aromatic wines with a good acidity. Eaux-de-vie obtained from Colombard B are of avergae quality and are especially used for blending.





## Clonal selection in France

The 14 approved Colombard B clones carry the numbers 551, 552, 553, 605, 606, 607, 608, 609, 625, 626, 695, 938, 1179 and 1180. Over 180 clones are grouped together in two conservatories planted in 1995 and in 2002 in the Gers

## 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	
	<i>Origin</i>	<i>Selection</i>	<i>Fertility</i>	<i>Production level</i>	<i>Sugar content</i>	<i>Potential color</i>
	<i>Year approved</i>	<i>Agronomic references</i>	<i>Weight of grape bunches</i>	<i>Vigor</i>	<i>Total acidity</i>	<i>Tannic structure</i>
	<i>Growing surface area</i>		<i>Size of berries</i>	<i>Sensitivity to Botrytis</i>	<i>Aromatic intensity</i>	<i>Oenological aptitudes</i>
551	Gers	ENTAV	medium	low	high	
	1978	Gers	low		low to medium	
	0.76 ha		low			very appreciated in wine tastings
ENTAV  INRA <sup>®</sup> Bushy bearing						
552	Gers	ENTAV	low	medium	medium to high	
	1978	Gers	medium		medium	
	1.79 ha		high			distinctive wines of the vine variety
ENTAV  INRA <sup>®</sup>						
553	Gers	ENTAV	medium to high	medium to high	medium	
	1978	Gers	medium		low to medium	
	1.82 ha		medium			appreciated in wine tastings
ENTAV  INRA <sup>®</sup>						
605	Gers	ENTAV	low to medium	medium	medium to high	
	1978	Gers	medium to high		medium	
	1.10 ha		medium			less appreciated in wine tastings
ENTAV  INRA <sup>®</sup>						
606	Gers	ENTAV	low to medium	medium	medium to high	
	1978	Gers	medium to high		medium	

Clone number	Identity and availability		Agronomic data		Technical data	
	<i>Origin</i>	<i>Selection</i>	<i>Fertility</i>	<i>Production level</i>	<i>Sugar content</i>	<i>Potential color</i>
	<i>Year approved</i>	<i>Agronomic references</i>	<i>Weight of grape bunches</i>	<i>Vigor</i>	<i>Total acidity</i>	<i>Tannic structure</i>
	<i>Growing surface area</i>		<i>Size of berries</i>	<i>Sensitivity to Botrytis</i>	<i>Aromatic intensity</i>	<i>Oenological aptitudes</i>
2.16 ha		medium			distinctive wines of the vine variety	
ENTAV INRA® More upright growth, large wood						
607	Gers	ENTAV	low to medium	medium	medium	
	1978	Gers	medium		medium	
	3.30 ha		medium			appreciated in wine tastings
ENTAV INRA®						
608	Gers	ENTAV	medium to high	high	low to medium	
	1978	Gers	medium to high		medium to high	
	0.32 ha		medium			less appreciated in wine tastings
ENTAV INRA®						
609	Gers	ENTAV	low to medium	medium	low to medium	
	1978	Gers	medium		medium to high	
	1.30 ha		medium			distinctive wines of the vine variety
ENTAV INRA®						
625	Gers	ENTAV	medium to high	medium to high	medium to high	
	1978	Gers	medium		medium	
	2.18 ha		medium			distinctive wines of the vine variety
ENTAV INRA®						
626	Gers	ENTAV	medium to high	medium to high	low	
	1978	Gers	medium		medium	
	1.46 ha		medium			distinctive wines of the vine variety
ENTAV INRA®						
695	Gers	ENTAV	low to medium	medium	low to medium	
	1978	Gers	medium		medium	
	2.13 ha		low			distinctive wines of the vine variety
ENTAV INRA® More upright growth, long internodes and numerous tendrils						
938	Gers	ENTAV	medium	medium	medium to high	
	1978	Gers	medium		low to medium	
	1.20 ha		medium			appreciated in wine tastings
ENTAV INRA®						
1179	Gers	IFV	low to medium	low	medium to high	
	2012	Gers	low		medium	
					medium	wines appreciated in wine tastings for their acidity/volume balance
ENTAV INRA® Comparable to clone 551 but less bushy growth						
1180	Gers	IFV	low to medium	medium to high	medium to high	
	2012	Gers	medium to high		medium	
					medium to high	wines appreciated in wine tastings for their aromatic intensity and in-mouth volume
ENTAV INRA® Comparable to clone 607 but more appreciated in wine tastings.						



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