



## Chenin B



### Name of the variety in France

Chenin

### Origin

This variety is originally from the Loire Valley and seemingly from Anjou.

### Synonyms

In Bulgaria, Chenin is officially designated as "Shanin". This synonym is officially recognized in France regarding plant propagation material.

### Legal information

In France, Chenin is officially listed in the "Catalogue of vine varieties" on the A list and classified. This variety is also listed in the catalogues of other Member States of the European Union: Belgium, Bulgaria, Cyprus, Czech Republic, Italy, Malta, Portugal and Spain.

### Use

Wine grape variety.

### Evolution of cultivated areas in France

	1958	1968	1979	1988	1998	2008	2018
ha	16594	14199	9552	9054	10042	9777	10085

### Descriptive elements

The identification is based on:

- the tip of the young shoot with a very high density of prostrate hairs,
- the young leaves with bronze spots,
- the adult leaves, with three or five lobes, a slightly open petiole sinus or with slightly overlapping lobes, medium teeth with convex sides, a strong anthocyanin coloration of veins, a blistered leaf blade, and on the lower side of the leaves, a medium density of prostrate hairs,
- the ellipsoid berries.

## Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	225	239	172	188	248	240	233	255
Allel 2	149	229	257	186	194	252	248	247	271

## Phenology

Bud burst: 1 day before Chasselas.

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

## Suitability for cultivation and agronomic production

Chenin is a vigorous and fertile variety whose production potential depends a lot on agronomic soil fertility where it is grown. It is susceptible to heat. Budburst is early. After a spring frost, the secondary buds demonstrate very low fertility.

## Susceptibility to diseases and pests

Chenin is particularly susceptible to grey rot, powdery mildew and wood diseases. It resists better to downy mildew, black rot and to anthracnose.

## Technological potentiality

The bunches are medium to large and the berries are small to medium in size. Depending on the growing conditions and the terroirs (limestone, schists) this variety can be used to produce sparkling wines, white wines, or liqueur wines. Acidity potential is high and the wines produced are elegant, generally quite lively, with aromas of honey.

## Clonal selection in France



The fourteen certified Chenin clones carry the numbers 220, 278, 416, 417, 624, 880, 982, 1018, 1206, 1207, 1208, 1209, 1286 and 1348.

More than 300 clones are planted in a conservatory in the wine-growing region of Anjou since 1996. An other conservatory-collection of fifteen or so clones was planted in the French department of Aveyron in 1995.

## Bibliographic references

- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi, France.
- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Montpellier SupAgro, Marseillan, France.
- Dictionnaire encyclopédique des cépages et de leurs synonymes. P. Galet, 2015, Ed. Libre&Solidaire, France.
- Traité général de viticulture, Ampélographie. P. Viala and V. Vermorel, 1901-1909, Ed. Masson, Paris, France.

## Description of clones certified in France

Clone no.	Identity and availability		Agronomic data		Technological data	
	Origin	Selection	Fertility	Production level	Sugar level	Color potential
	Year of certification	Agronomic references	Bunch weight	Vigor	Titration acidity	Tannic structure
	Surface area used for propagation (year)		Berry size	Susceptibility to grey rot	Aromatic intensity	Oenological suitability
220	Maine-et-Loire	ENTAV	medium	medium	high	
	1973	Loire-Valley	medium		medium	
	6.01 ha			low to medium		fine, aromatic and powerful wines
ENTAV 						
278	Maine-et-Loire	ENTAV	medium	medium	medium	
	1973	Loire-Valley	medium			
	0.26 ha					well-balanced wines of good typicity
ENTAV 						
416	Maine-et-Loire	ENTAV	medium	high	low	

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>Titration 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>
1976	Loire-Valley	high				
0.53 ha		medium to high			representative wines of the variety	
ENTAV  INRA®						
417	Maine-et-Loire	ENTAV	medium	high	low	
	1976	Loire-Valley	high			
			medium to high			representative wines of the variety
ENTAV  INRA®						
624	Maine-et-Loire	ENTAV	medium to high	medium to high	medium	
	1979	Loire-Valley	medium		low to medium	
	0.69 ha			medium to high		representative wines of the variety
ENTAV  INRA®						
880	Maine-et-Loire	ENTAV	low to medium	medium	high	
	1986	Loire-Valley	medium to high			
	4.41 ha			low to medium		powerful, fat and full-bodied wines
ENTAV  INRA®						
982	Maine-et-Loire	ENTAV	medium	medium	high	
	1992	Loire-Valley	medium			
	2.00 ha					full-bodied and powerful dry wines
ENTAV  INRA®						
1018	Maine-et-Loire	ENTAV	medium	medium	high	
	1994	Loire-Valley	medium			
	1.72 ha			medium to high		suitable for the production of semi-sweet wines
ENTAV  INRA®						
1206	Maine-et-Loire	INRA - IFV	high	low to medium	high	
	2014	Loire-Valley	low		medium	
				low to medium	medium to high	suitable for the production of quality semi-sweet wines
ENTAV  INRA®						
1207	Maine-et-Loire	INRA - IFV	medium	low	high	
	2014	Loire-Valley	low		medium	
				medium	high	suitable for the production of quality semi-sweet wines
ENTAV  INRA®						
1208	Maine-et-Loire	INRA - IFV	medium to high	medium	high	
	2014	Loire-Valley	low to medium		medium	
				medium	high	suitable for the production of quality dry wines
ENTAV  INRA®						
1209	Maine-et-Loire	INRA - IFV	low	medium	medium	
	2014	Loire-Valley	medium to high		medium to high	
				medium	medium	suitable for the production of quality dry wines
ENTAV  INRA®						
1286	Val-de-Loire	Pépinières Mercier - IFV				
2018						
ENTAV  INRA®						
1348	Maine-et-Loire	Pépinières Mercier - IFV				
2020						
ENTAV  INRA®						

