



Chenin B



Name of vine variety in France

Chenin

Origin

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

Synonymy

There is no officially recognized synonym for this variety in France. In Bulgaria, Chenin can officially be designated as "Shanin".

Regulations

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 area under vines in France

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

Description

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.

Sensitivity 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 potential

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 thirteen certified Chenin clones carry the numbers 220, 278, 416, 417, 624, 880, 982, 1018, 1206, 1207, 1208, 1209 and 1286. 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 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
220	Maine-et-Loire	ENTAV	medium	medium	high	
	1973	Val-de-Loire	medium		medium	
	6.01 ha			low to medium		refined, aromatic and powerful wines
 Less compact grape clusters. Clone appreciated for its agronomic characteristics and quality of wines produced.						
278	Maine-et-Loire	ENTAV	medium	medium	medium	
	1973	Val-de-Loire	medium			
	0.26 ha					balanced and highly distinctive wines
						
416	Maine-et-Loire	ENTAV	medium	high	low	
	1976	Val-de-Loire	high			
	0.53 ha		medium to high			distinctive wines of the vine variety
						

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	<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>
417	Maine-et-Loire	ENTAV	medium	high	low	
	1976	Val-de-Loire	high			
			medium to high			distinctive wines of the vine variety
ENTAV 						
624	Maine-et-Loire	ENTAV	medium to high	medium to high	medium	
	1979	Val-de-Loire	medium		low to medium	
	0.69 ha			medium to high		distinctive wines of the vine variety
ENTAV  Somewhat irregular production						
880	Maine-et-Loire	ENTAV	low to medium	medium	high	
	1986	Val-de-Loire	medium to high			
	4.41 ha			low to medium		powerful, fatty and full-bodied wines
ENTAV  Clone appreciated for its agronomic characteristics and quality of wines produced.						
982	Maine-et-Loire	ENTAV	medium	medium	high	
	1992	Val-de-Loire	medium			
	2.00 ha					fatty and powerful dry wines
ENTAV  Early maturity clone, appreciated for its agronomic characteristics and quality of wines produced.						
1018	Maine-et-Loire	ENTAV	medium	medium	high	
	1994	Val-de-Loire	medium			
	1.72 ha			medium to high		well suited for the production of sweet wines
ENTAV  Early maturity clone, appreciated for its agronomic characteristics and quality of wines produced						
1206	Maine-et-Loire	INRA - IFV	high	medium	high	
	2014	Val-de-Loire	low		medium	
				low to medium	medium to high	good aptitude for the production of quality sweet wine
ENTAV  Clone appreciated for its agronomic characteristics and quality of the wines obtained. Less compact grape clusters and less susceptible to gray rot						
1207	Maine-et-Loire	INRA - IFV	medium	low	high	
	2014	Val-de-Loire	low		medium	
				medium	high	good aptitude for the production of quality sweet wine
ENTAV  Somewhat earlier clone, appreciated for its agronomic characteristics and quality of the wines obtained.						
1208	Maine-et-Loire	INRA - IFV	medium to high	medium	high	
	2014	Val-de-Loire	medium to low		medium	
				medium	high	good aptitude for the production of quality sweet wine
ENTAV  Somewhat earlier clone, appreciated for its agronomic characteristics and quality of the wines obtained.						
1209	Maine-et-Loire	INRA - IFV	low	medium	medium	
	2014	Val-de-Loire	medium to high		medium to high	
				medium	medium	Well suited for production of quality dry white wines
ENTAV  Later maturity clone with an average production level. Good results during the early years.						
1286	Val-de-Loire	Pépinières Mercier - IFV				
	2018					



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