



Gros Manseng B



Name of the variety in France

Gros Manseng

Origin

This variety is originally from the Pyrenees vineyards.

Synonyms

There is no officially recognized synonym in France nor in the other countries of the European Union, for this variety.

Legal information

In France, Gros Manseng 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: Bulgaria and Spain.

Use

Wine grape variety.

Evolution of cultivated areas in France

	1958	1968	1979	1988	2000	2008	2018
ha	51	59	584	1051	2022	2834	3818

From 1958 to 1988, surfaces include Gros and Petit Manseng.

Descriptive elements

The identification is based on:

- the green or yellow young leaves,
- the shoots with green internodes,
- the circular, entire adult leaves, with a petiole sinus with slightly overlapping lobes, short teeth with convex sides, no anthocyanin coloration of veins, a slightly goffered leaf blade, involute and slightly curly on the edges, and on the lower side of the leaves, a low to medium density of prostate hairs,
- the round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	137	229	239	186	194	252	238	227	239
Allel 2	149	236	257	186	194	252	248	233	239

Phenology

Bud burst: same as Chasselas.

Grape maturity: late-season, 4 weeks after Chasselas.

Suitability for cultivation and agronomic production

This vigorous variety is rather fertile. Generally pruned long, Gros Manseng can also be pruned short.

Susceptibility to diseases and pests

Gros Manseng is sensitive to powdery mildew. It has a good resistance to grey rot and grapes conserve well on the vine trunk to obtain sweet wines.

Technological potentiality

The bunches are medium in size while the berries are very small. This variety has a good sugar accumulation potential while maintaining high acidity. It can produce high quality dry and sweet wines.







Clonal selection in France

The eight certified Gros Manseng clones carry the numbers 397, 439, 572, 634, 661, 662, 731 and 764. More than 200 clones have been planted in two conservatories: one in the French department of Pyrénées-Atlantiques (Jurançon) in 1996, and the other in the French department of Gers in 1997.

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
397	Pyrénées-Atlantiques	ENTAV - INRA	medium	medium	medium	
	1975	Sud-Ouest	medium	medium	medium to high	
	2.69 ha		medium			representative wines of the variety
ENTAV  INRA 						
439	Pyrénées-Atlantiques	ENTAV - INRA	low to medium	low to medium	medium	
	1976	Sud-Ouest	low to medium	medium	low to medium	
	1.95 ha		medium			representative wines of the variety
ENTAV  INRA 						
572	Pyrénées-Atlantiques	ENTAV	medium	medium	medium	
	1978	Sud-Ouest	medium	medium	medium	
	1.27 ha		medium			fine wines of good typicity
ENTAV  INRA 						
634	Pyrénées-Atlantiques	ENTAV	medium	medium	medium	
	1979	Sud-Ouest	medium	medium	medium	

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>
1.18 ha		medium			representative wines of the variety	

ENTAV  INRA®

661	Pyrénées-Atlantiques	ENTAV	medium	medium	medium	
	1980	Sud-Ouest	medium	medium	medium	
	1.69 ha		medium			representative wines of the variety

ENTAV  INRA®

662	Pyrénées-Atlantiques	ENTAV	medium	low to medium	medium	
	1980	Sud-Ouest	low to medium	low to medium	low to medium	
	0.20 ha		low to medium			fine wines of good typicity

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731	Pyrénées-Atlantiques	ENTAV	medium	medium	medium	
	1981	Sud-Ouest	medium	medium	medium	
	1.40 ha		medium			representative wines of the variety

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764	Pyrénées-Atlantiques	INRA	medium	medium	medium	
	1981	Sud-Ouest	medium	medium	medium to high	
			medium			representative wines of the variety

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