



Petit Manseng B



Name of the variety in France

Petit Manseng

Origin

This variety is originally from the Pyrénées-Atlantiques region. Based on published genetic analyses, Petit Manseng would be closely related to Savagnin.

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, Petit 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, Spain and Italy.

Use

Wine grape variety.

Evolution of cultivated areas in France

	1958	1968	1998	2008	2018
ha	32	34	520	650	1445

Descriptive elements

The identification is based on:

- the tip of the young shoot with a very high density of prostate hairs,
- the yellow young leaves with slightly bronze spots,
- the circular adult leaves, entire or with five lobes, with shallow lateral sinuses, a slightly open U-shaped petiole sinus or with slightly overlapping lobes, short teeth with straight or convex sides, a weak anthocyanin coloration of the petiole sinus, a slightly revolute leaf blade, and on the lower side of the leaves, a low density of erect and prostate hairs,
- round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	149	229	239	186	194	248	238	233	239
Allel 2	153	236	257	186	204	252	248	233	271

Phenology

Bud burst: 2 days after Chasselas.

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

Suitability for cultivation and agronomic production

Petit Manseng is vigorous and must be trellised and pruned long.

Susceptibility to diseases and pests

This variety is very resistant to grey rot.

Technological potentiality

The bunches are small and the berries very small. Petit Manseng is remarkable in its great capacity to concentrate sugar in its berries while maintaining an extremely high acidity. Thus, this variety naturally produces aromatic and great quality liqueur wines.




Clonal selection in France

The four certified Petit Manseng clones carry the numbers 440, 573, 1107 and 1113. A conservatory of approximately a 100 clones has been planted in the wine-growing region of Jurançon (French department of Pyrénées-Atlantiques) in 1996.

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
440	Pyrénées-Atlantiques	ENTAV	medium	medium	medium	
	1976	Sud-Ouest	medium	medium	medium	
	1.56 ha		medium to high	medium		representative wines of the variety
ENTAV 						
573	Pyrénées-Atlantiques	ENTAV	high	high	medium	
	1978	Sud-Ouest	medium to high	medium	medium to high	
	1.51 ha		medium to high	medium		representative wines of the variety
ENTAV 						
1107	Pyrénées-Atlantiques	CA 64 - ENTAV	low	low	medium	
	2006	Sud-Ouest	low	medium	low	
			low to medium	medium to high		aromatic and fat wines, persistent in the mouth
ENTAV 						
1113	Pyrénées-Atlantiques	CA64 - IFV	high	medium	medium	
	2007	Sud-Ouest	medium	medium	high	

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>
		low	medium		wines with a high acidity	

ENTAV  INRA®

This clone produces many bunches with small pips. Moderately high yield, late bud burst and ripening with high acidity.



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