



Muscat à petits grains blancs B



Name of the variety in France

Muscat à petits grains blancs

Origin

This variety would appear to originally be from Greece.

Synonyms

In the European Union, Muscat à petits grains blancs is officially called by other names: Gelber Muskateller (Austria, Germany), Moscatel de Grano Menudo (Spain), Moscatel Galego Branco (Portugal), Moscato Bianco (Italy), Moschato aspro (Cyprus, Greece), Muškat (Slovenia), Muškát žltý (Czech Republic, Slovakia), Muskat zuti (Croatia), Muskatel (Malta), Rumeni muškat (Slovenia), Sárga muskotály (Hungary). These synonyms are officially recognized in France regarding plant propagation material.

Legal information

In France, Muscat à petits grains blancs 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: Austria, Bulgaria, Croatia, Cyprus, Czech Republic, Germany, Greece, Italy, Hungary, Malta, Portugal, Slovakia, Slovenia and Spain.

Use

Wine grape variety.

Evolution of cultivated areas in France

	1958	1968	1979	1988	1998	2008	2018
ha	2297	3032	3720	4639	6058	7370	7540

Descriptive elements

The identification is based on:

- the tip of the young shoot with a high density of prostate hairs,
- the very bronzed young leaves,
- the shoots with long tendrils,
- the circular, dark green adult leaves, with three or five lobes, a slightly open or closed V-shaped petiole sinus, moderate to large teeth, moderate to long compared to their width at the base with straight sides, no anthocyanin

coloration of veins, a blistered leaf blade, often undulate between the main veins near the petiole sinus, and on the lower side of the leaves, a low density of erect and prostate hairs,
 - the round-shaped berries with muscat flavor.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	225	233	176	186	252	240	245	263
Allel 2	131	234	249	191	196	256	248	267	271

Phenology

Bud burst: same as Chasselas.

Grape maturity: mid-season, 2 weeks after Chasselas.

Suitability for cultivation and agronomic production

This moderately vigorous variety with an erect or semi-erect bearing, must be pruned short. This variety is particularly adapted to limestone terroirs.

Susceptibility to diseases and pests

Muscat à petits grains blancs is sensitive to powdery mildew, grey rot and hymenoptera. It is also very susceptible to mites.

Technological potentiality

The bunches are small and the berries are medium in size. This variety can produce dry white wines, sweet wines and sparkling wines. It can also be blended (with a small percentage) to provide aromatic nuances in neutral wines. Muscat à petits grains blancs has a high sugar potential with a good acidity balance, and intense, powerful and delicate flavor.

Clonal selection in France

The thirteen certified Muscat à petits grains blancs clones carry the numbers 154, 155, 156, 157, 452, 453, 454, 455, 576, 577, 578, 579 and 826. A conservatory of 130 clones has been planted in the French department of Aude since 1995. Recent surveys have led to the establishment of a second conservatory of a hundred or so clones in the wine-growing region of Die (French department of Drôme) in 2007.

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	Titrate acidity	Tannic structure
	Surface area used for propagation (year)		Berry size	Susceptibility to grey rot	Aromatic intensity	Oenological suitability
154	Lot-et-Garonne	INRA	medium	low to medium	low to medium	
	1971	Languedoc-Roussillon	medium		medium to high	
	8.57 ha		low	medium		representative wines of the variety
155	Non précisée	INRA				
	1971					

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Clone not widely distributed.

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>Titriable 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>
156	Aveyron	INRA	medium	low to medium	low	
	1972	Languedoc-Roussillon	low to medium		low to medium	
	0.75 ha		medium	medium		representative wines of the variety

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157	Non précisée	INRA				
	1972					

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Clone not widely distributed.

452	Drôme	ENTAV	medium	medium to high	medium	
	1976	Languedoc-Roussillon Rhône-Valley	medium		low	
			high	medium		representative wines of the variety

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453	Drôme	ENTAV	medium to high	medium to high	high	
	1976	Languedoc-Roussillon	medium to high		medium to high	
	0.93 ha		low to medium	low to medium		representative wines of the variety

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454	Drôme	ENTAV	medium to high	high	medium to high	
	1976	Languedoc-Roussillon	medium to high		high	
	0.48 ha		medium to high	medium to high		representative wines of the variety

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455	Drôme	ENTAV	high	high	medium	
	1976	Languedoc-Roussillon	high		medium to high	
	1.62 ha		medium	medium to high		representative wines of the variety

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576	Hérault	ENTAV	medium	medium	medium to high	
	1978	Languedoc-Roussillon	medium			
						representative wines of the variety

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577	Lot-et-Garonne	ENTAV	medium	medium	medium to high	
	1978	Languedoc-Roussillon Rhône-Valley	medium			
						representative wines of the variety

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578	Drôme	ENTAV	medium	medium	medium	
	1978	Languedoc-Roussillon	medium			
						representative wines of the variety

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579	Drôme	ENTAV	medium	medium	medium to high	
	1978	Languedoc-Roussillon	medium			
	0.33 ha					representative wines of the variety

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826	Pyrénées-Orientales	ENTAV	medium	medium	medium to high	
	1985	Languedoc-Roussillon	medium		medium to high	
	1.26 ha					representative wines of the variety

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more erect bearing



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