

Mourvèdre N







Name of the variety in France

Mourvèdre

Origin

This variety is originally from Spain and was probably introduced in France at the end of the Middle Ages.

Synonyms

In the European Union, Mourvèdre is officially called by other names: Mataro (Cyprus) and Monastrell (Spain). These synonyms are officially recognized in France regarding plant propagation material.

Legal information

In France, Mourvèdre 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: Crotia, Cyprus, Greece, Malta and Spain.

Use

Wine grape variety.

Evolution of cultivated areas in France

	1958	1968	1979	1988	1998	2008	2018
ha	617	857	3146	5608	7249	9164	9149

Descriptive elements

The identification is based on:

- the tip of the young shoot with a very high density of prostate hairs,
- the young leaves with bronze spots,
- the shoots with red colored internodes and an erect bearing,
- the circular adult leaves, entire or with three lobes, with a open lyre-shaped petiole sinus, large teeth, moderate compared to their width at the base with straight sides, a moderate anthocyanin coloration of veins, a flat leaf blade, and on the lower side of the leaves, a high density of erect and prostate hairs,
- the round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32	
Allel 1	131	223	249	176	188	252	240	243	239	
Allel 2	149	238	249	186	204	262	262	257	255	

Phenology

Bud burst: 13 days after Chasselas.

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

Suitability for cultivation and agronomic production

Mourvèdre is a demanding variety and its growing is delicate. With its erect bearing and acrotonic nature, it must be pruned short. As such, it can be trained in cordon, with reduced trellis or in open gobelet. Care must be taken to maintain the non abundant foliage, that is moderately effective. Trimming must be avoided to limit the presence of large size grappillons, which then represent a bothersome competition. Production per vine trunk must be low to prevent risk of depletion. This variety sometimes demonstrates alternating fertility. The pedo-climatic requirements of Mourvèdre are very demanding. This variety appears well adapted to limestone soils deep enough to allow a limited but regular water supply. Potassium and magnesium supplies (K/Mg) must also be balanced in order to prevent the appearance of deficencies. Finally, the main limiting factor for growing this late variety (budburst and grape maturity), is that the temperatures at the moment of grape maturation must be very high (especially minimum temperatures) to enable proper ripening and a sufficient accumulation of sugar in the berries. This variety is thus reserved for the hottest southern areas and the best exposed.

Susceptibility to diseases and pests

Mourvèdre is sensitive to mites, vine leafhoppers, esca and sour rot. On the other hand, it is generally not very so susceptible to grey rot and it resists well againt phomopsis.

Technological potentiality

Mourvèdre's bunches are medium to large and the berries are medium in size. The color potential of this variety is moderate with sometimes a lack of acidity. Nevertheless, Mourvèdre can produce very high quality, aromatic, tannic and structured wines, suitable for ageing and maturing in wood barrels, provided that the grape maturity is sufficient (12 natural degrees minimum) and that the production per vine trunk is limited.

Clonal selection in France

The fourteen certified Mourvèdre clones carry the numbers 233, 234, 244, 245, 247, 248, 249, 369, 448, 449, 450, 520, 1069 and 1215. A conservatory of almost 100 clones has been planted in the wine-growing region of Bandol (French department of Var) since 2004.

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

		Identity and a	availability	Agronom	ic data	Technological data	
Clone no.		Origin	Selection	Fertility	Production level	Sugar level	Color potential
	Clone no	Year of certification	Agronomic references	Bunch weight	Vigor	Titrable acidity	Tannic structure
	Sione no.	Surface area used for propagation (year)		Berry size	Susceptibility to grey rot	Aromatic intensity	Oenological suitability
ı		Var	ENTAV	medium	medium	medium	
	233	1973	Languedoc Provence Rhône-Valley	medium to high	high		
		0.46 ha					representative wines of the variety

Clone Polymer Polyme		Identity and availability		Agronoi	nic data	Technological data		
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		0.04 ha						

	Identity and a	vailability	Agronom	ic data	Technological data				
	Origin	Selection	Fertility	Production level	Sugar level	Color potential			
Clone no.	Year of certification	Agronomic references	Bunch weight	Vigor	Titrable acidity	Tannic structure			
Ciono no.	Surface area used for propagation (year)		Berry size	Susceptibility to grey rot	Aromatic intensity	Oenological suitability			
ENTAV RINRA®									
	Charente	ENTAV	high	high	low				
520	1976	Provence	medium		high				
320	0.47 ha					representative wines of the variety			
ENTAV 👚 INRA									
	Espagne	CA 83 - ENTAV	low to medium	low to medium	high	high			
1069	2003	Provence	low to medium	low	medium	medium to high			
1005						aromatic wines with a good tannic structure			
ENTAV 👚 INRA									
	Espagne	CA 83 - IFV	low to medium	low to medium	high				
	2014	Provence	low to medium		medium				
1215			medium		high	balanced rosé wines with high aromatic intensity			
ENTAV 👚 INRA									



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