

MOURVÈDRE



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.

Origin	Synonyms
This variety is originally from Spain and was probably introduced in France at the end of the Middle Ages.	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	Use
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: Croatia, Cyprus, Greece, Malta and Spain.	Wine grape variety.

Evolution of Cultivated Areas in France

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

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	Suitability for Cultivation and Agronomic Production
<p>Bud burst: 13 days after Chasselas.</p> <p>Grape maturity: late-season, 4 weeks and a half after Chasselas.</p>	<p>Mourvèdre is a demanding variety and its growing is delicate. With its erect bearing and acrotonic nature, it must be pruned short. 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 appears well adapted to limestone soils deep enough to allow a limited but regular water supply. Potassium and magnesium supplies (K/Mg) must be balanced in order to prevent the appearance of deficiencies. 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.</p>
Susceptibility to Diseases and Pests	Technological Potentiality
<p>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 against phomopsis.</p>	<p>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.</p>

Clonal Selection in France	Bibliographic References
<p>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.</p>	<ul style="list-style-type: none"> • 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

	Source	Treatments	Comments
Clone no. 05.1	France, via Tablas Creek Vineyards in Paso Robles, California	None	Mourvèdre FPS 05 (Tablas Creek Vineyard selection A) is one of four Mourvèdre clones donated to the Foundation Plant Services public collection in 2010 from Tablas Creek Vineyards in Paso Robles, California. Mourvèdre FPS 05/05.1, Mourvèdre FPS 06/06.1, 10.1 and 11.1 are reported to be from unique sources in France. The original mother plants for these four Mourvèdre selections came to the United States through the quarantine program in Geneva, New York, in the 1980's. They entered the disease testing process at FPS in 2010. Mourvèdre FPS 05 successfully completed disease testing for the California Grapevine Registration & Certification Program in 2012.

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