



## Muscardin N



### Name of the variety in France

Muscardin

### Origin

Muscardin is a variety native to the Côtes du Rhône.

### 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, Muscardin is officially listed in the "Catalogue of vine varieties" on the A list and classified.

### Use

Wine grape variety.

### Evolution of cultivated areas in France

	1958	1979	1988	2000	2008	2018
ha	1	25	10	17	16	16

### Descriptive elements

The identification is based on:

- the tip of the young shoot with a high density of prostate hairs,
- the green young leaves with slightly bronze spots,
- the large adult leaves, with three lobes, a closed petiole sinus or with slightly overlapping lobes, teeth with convex sides, no anthocyanin coloration of veins, a strongly blistered, twisted leaf blade, and on the lower side of the leaves, no or a low density of erect and prostate hairs,
- the broad ellipsoid berries.

### Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	223	239	176	188	250	240	235	239

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	131	229	249	182	202	252	248	259	251

## Phenology

Bud burst: 8 days after Chasselas.  
Grape maturity: mid-season, 2 weeks and a half after Chasselas.

## Suitability for cultivation and agronomic production

This variety, with its long shoots, requires to be sufficiently trained.

## Susceptibility to diseases and pests

Muscardin is a little susceptible to grey rot but is sensitive to esca.

## Technological potentiality

The bunches and berries are medium in size. Muscardin has a fairly low to moderate sugar potential. It can produce relatively acidic and not very colored wines with a nice finesse.

## Clonal selection in France

The only certified Muscardin clone carries the number 1101. It comes from surveys carried out in the Côtes du Rhône region. A conservatory of 20 or so clones was planted in 2001 in the Côtes du Rhône region.

## 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.

## 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
1101	Vaucluse	ENTAV				
	2006					

ENTAV  INRA®

Clone consistent with the characteristics of the variety.



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