



Touriga nacional N



Name of the variety in France

Touriga nacional

Origin

This variety is originally from Portugal.

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, Touriga nacional is officially listed in the "Catalogue of vine varieties" since 2012 on the A list and classified. This variety is also listed in the catalogues of other Member States of the European Union: Croatia, Cyprus, Portugal and Spain.

Use

Wine grape variety.

Evolution of cultivated areas in France

	2008	2018
ha	1	11.7

Descriptive elements

The identification is based on:

- the tip of the young shoot with a high density of prostate hairs,
- the green young leaves,
- the circular or circulo-kidney-shaped adult leaves, with five lobes, U-shaped lateral sinuses, an open or slightly open petiole sinus, very short teeth compared to their width at the base with straight or concave sides, a finely blistered leaf blade, undulate between the veins, and on the lower side of the leaves, a medium density of erect and prostate hairs,
- the ellipsoid berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	141	223	239	178	188	246	248	233	239
Allel 2	149	234	239	186	194	246	254	267	271

Phenology

Bud burst: 2 days after Chasselas.

Grape maturity: mid-season, 3 weeks after Chasselas.

Suitability for cultivation and agronomic production

Touriga nacional is a variety with moderate vigor, with a semi-erect bearing. It can be pruned long. This variety must be trained. Touriga nacional should not be planted in soils that are too superficial.

Susceptibility to diseases and pests

Touriga nacional is not particularly sensitive to fungal diseases, except for phomopsis.

Technological potentiality

Touriga nacional's bunches are small with rather long peduncle. The berries are small to medium in size. This variety produces excellent quality, complex, aromatic, full-bodied, structured and very colored wines that are suited to ageing.

Clonal selection in France

The only certified Touriga nacional clone carries the number 1201.

Bibliographic references

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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
1201	Hérault	IFV - INRA				
	2013	Languedoc-Roussillon				
						representative wines of the variety

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