

# Touriga nacional N

Wine grape variety.



## Origin

This variety is originally from Portugal.

## Use

Wine grape variety.

## Name of the variety in France

Touriga nacional

## Synonymy

There is no officially recognized synonym in France nor in the other countries of the European Union, for this variety.

## Regulatory data

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.

## Description elements

The identification is based on:

- the tip of the young shoot with a high density of prostrate 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 prostrate hairs,
- the ellipsoid berries.

# Evolution of cultivated areas in France

Year 2008 2018

ha 1 11.7

## Genetic profile

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

### Cultivation and agronomic skills

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.

### Clonal selection in France

The only certified Touriga nacional clone carries the number 1201.

### Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Institut Agro Montpellier, 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.
- Câtalogo das castas para vinho cultivadas em Portugal. R. Faustino, 2011, Instituto da Vinha e do Vinho, I.P, Portugal.
- O grande livro das castas. I. Böhm, 2007, Ed. Chaves Ferreira, Portugal.
- Wine Grape Varieties. G.Kerridge and A. Anticliff, 1999, Ed. CSIRO, Australia.
- Grape Cultivars for Wine Production in South Africa. PG Goussard, 2008, Ed. Cheviot, South Africa.
- General viticulture. A. J. Winckler et al., 1974, United States of America.
- Note sur les cépages portugais et leur synonymie. P. Truel, 1983, Ed. Progrès Agricole et Viticole, France.

### Phenology

Bud burst: 2 days after Chasselas.  
Grape maturity: mid-season, 3 weeks after Chasselas.

### Technological potential

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.



---

*Plantgrape, all rights reserved,  
plantgrape.fr, UMT Géno-Vigne®  
INRAE - IFV - L'Institut Agro Montpellier*