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INRA - IFV - Montpellier SupAgro
Edited on 22/06/2020

# Tannat N







## Name of vine variety in France

Tannat

## Origin

This variety is originally from the Pyrenees vineyards.

## Synonymy

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

## Regulations

In France, Tannat 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: Bulgaria, Greece, Italy and Portugal.

## Use

Wine grape variety.

## Evolution of area under vines in France

| | 1958 | 1968 | 1979 | 1988 | 1998 | 2008 | 2018 |
|---|---|---|---|---|---|---|---|
| ha | 4192 | 3925 | 3256 | 2891 | 2931 | 3147 | 2837 |

## Description

The identification is based on:
- the tip of the young shoot with a very high density of prostate hairs,
- the reddish young leaves with bronze spots,
- the pentagonal, dark green adult leaves, entire or with three or five lobes, an elongated central lobe, a slightly open or closed petiole sinus, short teeth with straight sides, a moderate anthocyanin coloration of veins, a revolute blistered leaf blade, sometimes undulate between the main veins, and on the lower side of the leaves, a medium density of prostate hairs,
- the round-shaped berries.

## Genetic profile

| Microsatellite | VVS2 | VVMD5 | VVMD7 | VVMD27 | VRZAG62 | VRZAG79 | VVMD25 | VVMD28 | VVMD32 |
|---|---|---|---|---|---|---|---|---|---|
| **Allel 1** | 141 | 236 | 249 | 182 | 194 | 240 | 254 | 233 | 239 |
| **Allel 2** | 153 | 238 | 249 | 186 | 200 | 252 | 254 | 243 | 255 |

## Phenology

Bud burst: 4 days after Chasselas.
Grape maturity: mid-season, 3 weeks and a half after Chasselas.

## Suitability for cultivation and agronomic production

Tannat is a fairly vigorous variety that is usually pruned long and must be trellised.

## Sensitivity to diseases and pests

Tannat is sensitive to mites and leafhoppers. It is also a little susceptible to grey rot.

## Technological potential

The bunches are large while the berries are small to medium in size. Tannat produces colored, very tannic and lively (with slightly harsh acidity) wines. This variety gives powerful, full-bodied quality wines,that are suited to ageing.

## Clonal selection in France

The twelve certified Tannat clones carry the numbers 398, 399, 472, 473, 474, 475, 717, 794, 944, 1048, 1154 and 1175. A conservatory of more than 300 clones was planted in 1995 in the French department of Pyrénées-Atlantiques.

## Bibliographic references


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- 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 approved in France

| | Identity and availability | | Agronomic data | | Technical data | |
|---|---|---|---|---|---|---|
| Clone number | ***Origin*** | ***Selection*** | ***Fertility*** | ***Production level*** | ***Sugar content*** | ***Potential color*** |
| | ***Year approved*** | ***Agronomic references*** | ***Weight of grape bunches*** | ***Vigor*** | ***Total acidity*** | ***Tannic structure*** |
| | ***Growing surface area*** | | ***Size of berries*** | ***Sensitivity to Botrytis*** | ***Aromatic intensity*** | ***Oenological aptitudes*** |
| **398** | Pyrénées-Atlantiques | ENTAV | medium to high | medium to high | medium | medium |
| | 1975 | Sud-Ouest | medium to high | medium to high | medium | medium to high |
| | 3.41 ha | | medium to high | | | balanced wines with finesse and aromatic intensity |
| ENTAV INRA® | | | | | | |
| **399** | Pyrénées-Atlantiques | ENTAV | medium to high | medium to high | medium | medium |
| | 1975 | Sud-Ouest | medium | medium | high | low to medium |
| | 0.83 ha | | medium to high | | | distinctive wines of the vine variety |
| ENTAV INRA® | More compact grape clusters | | | | | |
| **472** | Pyrénées-Atlantiques | ENTAV | medium to high | medium to high | low | medium to high |
| | 1976 | Sud-Ouest | medium to high | medium to high | low to medium | medium |
| | 0.89 ha | | medium to high | | | distinctive wines of the vine variety |
| ENTAV INRA® | | | | | | |
| **473** | Non précisée | ENTAV | low to medium | high to low | low to medium | low |
| | 1976 | Sud-Ouest | low to medium | low to medium | low to medium | low to medium |
| | 0.88 ha | | medium | | | supple less tannic wines |

| Clone number | Identity and availability | | Agronomic data | | Technical data | |
|---|---|---|---|---|---|---|
| | *Origin* | *Selection* | *Fertility* | *Production level* | *Sugar content* | *Potential color* |
| | *Year approved* | *Agronomic references* | *Weight of grape bunches* | *Vigor* | *Total acidity* | *Tannic structure* |
| | *Growing surface area* | | *Size of berries* | *Sensitivity to Botrytis* | *Aromatic intensity* | *Oenological aptitudes* |
| **474** | Landes | ENTAV | low to medium | medium | high | medium to high |
| | 1976 | Sud-Ouest | medium | medium | medium to high | medium to high |
| | 3.25 ha | | low | | | very distinctive of the vine variety wines |
| | Earlier maturity clone, appreciated for its agronomic characters and the quality of the wines produced | | | | | |
| **475** | Pyrénées-Atlantiques | ENTAV | medium | medium | medium | medium to high |
| | 1976 | Sud-Ouest | medium | medium | medium | medium |
| | 0.61 ha | | medium to high | | | tannic wines lacking a bit of finesse |
| **717** | Pyrénées-Atlantiques | ENTAV | medium | medium | medium to high | medium to high |
| | 1979 | Sud-Ouest | medium | medium | low to medium | high |
| | 4.80 ha | | low to medium | | | balanced, full-bodied, refined wines with a powerful nose |
| | Looser grape clusters, earlier maturity. Clone appreciated for its agronomic characteristics and quality of wines produced. | | | | | |
| **794** | Landes | ENTAV | low to medium | medium | medium | medium |
| | 1981 | Sud-Ouest | medium | medium | medium | medium to high |
| | 3.14 ha | | medium | | | structured and balanced wines |
| **944** | Pyrénées-Atlantiques | INRA | low to medium | medium | medium | medium |
| | 1989 | Sud-Ouest | medium | medium | medium | low to medium |
| | 2.88 ha | | medium to high | | | powerful and distinctive wines of the vine variety |
| **1048** | Pyrénées-Atlantiques | CA 64 - ENTAV | medium to high | medium to high | low to medium | low to medium |
| | 1999 | Sud-Ouest | low to medium | medium to high | medium | low to medium |
| | 0.45 ha | | medium | | | distinctive wines of the vine variety |
| **1154** | Pyrénées-Atlantiques | CA 64 - IFV | medium to high | low | high | high to medium |
| | 2010 | Sud-Ouest | low | medium to high | medium | high to medium |
| | | | medium to low | medium to low | medium to high | aromatic, powerful and concentrated wines |
| | Moderate production level. Wines appreciated for their organoleptic qualities | | | | | |
| **1175** | Pyrénées-Atlantiques | CA64 - IFV | medium | medium | medium to high | medium to high |
| | 2011 | Sud-Ouest | medium to low | medium | medium | medium to high |
| | | | medium | medium to low | medium | fruity wines, less acidic and fattier than the other approved clones |
| | Lower than average production level. Wines appreciated for their organoleptic qualities | | | | | |

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