



## Saint-macaire N



### Name of vine variety in France

Saint-Macaire

### Origin

This vine variety is originally from the Bordeaux vineyards.

### Synonymy

### Regulations

In France, Saint-Macaire N is officially listed in the "Catalogue of vine varieties".

### Use

Wine vine variety

### Evolution of area under vines in France

|    | 1958 | 1968 | 1979 | 1988 | 2016 |
|----|------|------|------|------|------|
| ha | 200  | 110  | 25   | 7    | 0.1  |

### Description

Identification signs include:

- the tip of the young shoot has a very dense coat of flat-lying hairs,
- the young leaves are yellow or green,
- adult leaves have 3, 5 or 7 lobes with a slightly open petiolar sinus with a U-shaped base or with slightly overlapping lobes, shallow lateral sinuses; small teeth with straight or convex sides, low anthocyanin coloration of veins; jagged and sometimes cupped leaf blade and the underside with a heavy coat of flat-lying hairs,
- round-shaped berries.

### Genetic profile

| Microsatellite | VVS2 | VVMD5 | VVMD7 | VVMD27 | VRZAG62 | VRZAG79 | VVMD25 | VVMD28 | VVMD32 |
|----------------|------|-------|-------|--------|---------|---------|--------|--------|--------|
| Allel 1        | 141  | 223   | 239   | 176    | 188     | 252     | 254    | 233    | 239    |

| Microsatellite | VVS2 | VVMD5 | VVMD7 | VVMD27 | VRZAG62 | VRZAG79 | VVMD25 | VVMD28 | VVMD32 |
|----------------|------|-------|-------|--------|---------|---------|--------|--------|--------|
| Allel 2        | 153  | 238   | 249   | 186    | 200     | 252     | 254    | 247    | 251    |

## Phenology

Bud burst: 1 day after Chasselas.  
Grape maturity: period II, 3 weeks after Chasselas.

## Suitability for cultivation and agronomic production

Saint-Macaire N is vigorous and not very fertile when short pruned.

## Sensitivity to diseases and pests

Saint-Macaire N is susceptible to powdery mildew.

## Technological potential

Grape clusters and berries are moderate size. Saint-Macaire N produces very colored but fairly ordinary and relatively acid wines.

## Clonal selection in France

The only approved Saint-Macaire N clone carries the number 1218.

## Bibliographic references

- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi.
- Documentation interne du Domaine de Vassal. 1949-2011, INRA, Marseillan-plage.
- Cépages et vignobles de France, tome 1. P. Galet, 1990, Ed. Dehan, Montpellier.
- Ampélographie. P. Viala et V. Vermorel, 1902-1910, Ed. Masson, Paris.

## Description of clones approved in France

| 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                 |
| 1218         | Hérault                   | IFV - INRA           |                         |                         |                    |                                       |
|              | 2014                      | Languedoc-Roussillon |                         |                         |                    |                                       |
|              |                           |                      |                         |                         |                    | distinctive wines of the vine variety |

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