Edited on 16/09/2018

Petit verdot N



Name of vine variety in France

Petit Verdot

Origin

This variety is originally from the South west of France.

Synonymy

There is no officially recognized synonym for this variety in France. In the European Union, Petit Verdot N can officially be called by other names: Peti Verdo (Bulgaria) and Verdot (Cyprus).

Regulations

In France, Petit Verdot N is officially listed in the "Catalogue of vine varieties".

This vine variety is likewise listed in the Catalogues of other Europen Union member states: Bulgaria, Cyprus, Spain, Malta, Italy and Portugal.

Use

Wine vine variety

Evolution of area under vines in France

	1958	1968	1979	1988	1998	2008	2011
ha	685	401	522	338	364	729	967

Description

Identification signs include:
- the tips of the young shoot have a very dense coat of flat-lying hairs,
- the young leaves and tendrils are yellow,
- the shoots have green internodes,
- adult leaves are dark green and dull colored, cordiform, 3-lobed, with a slightly open petiole sinus or with parallel edges occasionally with a tooth on the edges; short teeth compared to width at base, straight sides; absence of anthocyanin coloration of veins; slightly revolute leaf blade, wavy between the veins near the petiole point and the underside has a moderate 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	194	252	248	216	239
Allel 2	153	229	262	186	204	256	254	235	239

Phenology

Bud burst: 4 days after Chasselas.
Grape maturity: period II, 3 and 1/2 to 4 weeks after Chasselas.

Suitability for cultivation and agronomic production

Petit Verdot N is a fertile and rather productive vine variety. It grows soft shoots, fragile at the base, rather long, with horizontal growth which necessites trellising. It is well adapted to gravely soils. In southern areas, Petit Verdot N requires regular watering. In former times, certain breeds were sensitive to coulure due to the malformation of stigmates. This characteristic has been eliminated in France with selection work carried out.

Sensitivity to diseases and pests

This variety is a little sensitive to powdery mildew and mites.

Technological potential

Grape clusters are moderate and berries are small in size. Petit Verdot N when ripe can produce very powerful wine, rich, colorful and tannic. These quality wines with ageing potential when blended can provide body, color and liveliness to flat wines. Under favorable weather conditions, Petit Verdot N can produce grapes which are rich in sugar while maintaining high acidity.

Clonal selection in France

The 2 approved Petit Verdot N clones carry the numbers 400 and 1058. A conservatory with 84 clones was set up in 2002 in the Bordeaux vineyards.

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 2. P. Galet, 1990, Ed. Dehan, Montpellier.
- Ampélographie. P. Viala et V. Vermorel, 1902-1910, Ed. Masson, Paris.

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***
400	Pyrénées-Atlantiques	ENTAV	high	medium to high	medium	medium
	1975	Bordelais	medium		medium	medium
	13.46 ha		medium to high			distinctive wines of the vine variety
ENTAV INRA®						
1058	Gironde	CA 33 - ENTAV	low	medium	medium	medium to high
	2000	Bordelais	medium		medium	medium
	3.75 ha		medium			balanced, round and colorful wines
ENTAV INRA®	Somewhat later grape maturity. Clone appreciated for its agronomic characteristics and quality of wines produced.					