



Plant de Brunel N



Name of the variety in France

Plant de Brunel

Origin

This variety comes from a natural sowing, discovered by M. René Brunel in 1982. Base on genetic analyses carried out in Montpellier, this variety would be the result of the crossbreeding between Grenache and Jurançon noir.

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, Plant de Brunel is officially listed in the "Catalogue of vine varieties" on the A list and classified.

Use

Wine grape variety.

Evolution of cultivated areas in France



Descriptive elements

The identification is based on:

- the tip of the young shoot with a medium to high density of prostrate hairs,
- the greenish yellow young leaves,
- the circular adult leaves, with five, seven or nine lobes, a closed petiole sinus, medium teeth with straight sides, a weak anthocyanin coloration of veins and petioles, a slightly blistered leaf blade, and on the lower side of the leaves, a medium density of erect and prostrate hairs,
- the round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	143	236	243	188	188	258	240	243	249
Allel 2	149	238	262	191	202	260	248	245	251

Phenology

Bud burst: 10 days after Chasselas.

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

Suitability for cultivation and agronomic production

Plant de Brunel displays moderate vigor, good fertility with a semi-erect to erect bearing. It is well adapted to short pruning.

Susceptibility to diseases and pests

Plant de Brunel is susceptible to downy mildew and is moderately sensitive to grey rot.

Technological potentiality

Plant de Brunel's bunches are medium in size, compact with a very short peduncle. The berries are also medium in size with high sugar accumulation potential. Plant de Brunel produces warm, not very acidic, powerful and colored wines.

Clonal selection in France

The only certified Plant de Brunel clone carries the number 1123.

Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Montpellier SupAgro, Marseillan, France.

Description of clones certified in France

Clone no.	Identity and availability		Agronomic data		Technological data	
	<i>Origin</i>	<i>Selection</i>	<i>Fertility</i>	<i>Production level</i>	<i>Sugar level</i>	<i>Color potential</i>
	<i>Year of certification</i>	<i>Agronomic references</i>	<i>Bunch weight</i>	<i>Vigor</i>	<i>Titrate acidity</i>	<i>Tannic structure</i>
	<i>Surface area used for propagation (year)</i>		<i>Berry size</i>	<i>Susceptibility to grey rot</i>	<i>Aromatic intensity</i>	<i>Oenological suitability</i>
1123	Ardèche	CA 07 - IFV				
	2009	Ardèche				

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Clone consistent with the characteristics of the variety.



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