



Grolleau N



Name of vine variety in France

Grolleau

Origin

This variety is undoubtedly from the Touraine region and based on published genetic analyses, it is probably a descendant of Gouais B.

Synonymy

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

Regulations

In France, Grolleau 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	1998	2008	2016
ha	11409	9725	5869	3837	2488	2406	2080

Description

Identificationsigns include:

- the tip of the young shoots has a heavy coat of flat-lying hairs
- the young leaves are yellow with bronze patches,
- the shoots have red internodes,
- adult leaves are large, 3 or 5 lobes with an open petiolar sinus, large teeth with straight sides; an upturned leaf blade, bubbled, sometimes cupped and the underside with a slight coat of flat-lying and upright hairs,
- round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	236	247	172	204	244	240	243	239
Allel 2	141	238	249	178	204	252	254	245	271

Phenology

Bud burst: 1 day before Chasselas.

Grape maturity: period II, 2 weeks after Chasselas.

Suitability for cultivation and agronomic production

This fertile vine variety is susceptible to brown rust and must be short pruned with a low load. The young shoots are not very wind resistant. This variety has an acceptable production even after spring frost.

Sensitivity to diseases and pests

Grolleau N is susceptible to peduncular rot and dead arm disease.

Technological potential

Grape clusters and berries are moderate in size. Grolleau N produces light, not colored and low alcoholic wines. It is especially used for making rosé or gris or sparkling wines. It is also used to produce supple and fruity red wine when yields are managed.





Clonal selection in France

The 5 approved Grolleau N clones carry the numbers 226, 288, 364, 365 and 366. A conservatory including approximately 200 clones was set up in the Anjou region in 1996.

Bibliographic references

- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi.
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- 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

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
226	Maine-et-Loire	ENTAV				
	1973	Val-de-Loire				
	0.24 ha					
ENTAV  INRA®						
Clone carrier of leaf roll virus2.						
Little difference between the 226, 288 and 365, all of which have demonstrated high production levels.						
288	Indre-et-Loire	ENTAV				
	1973	Val-de-Loire				
	0.56 ha					
ENTAV  INRA®						
Little difference between the 226, 288 and 365, all of which have demonstrated high production levels.						
364	Indre-et-Loire	ENTAV				
	1975	Val-de-Loire				
ENTAV  INRA®						
Small distribution clone						
365	Indre-et-Loire	ENTAV				
	1975	Val-de-Loire				
	0.24 ha					
ENTAV  INRA®						
Little difference between the 226, 288 and 365, all of which have demonstrated high production levels.						

Clone number	Identity and availability		Agronomic data		Technical data	
	<i>Origin</i>	<i>Selection</i>	<i>Fertility</i>	<i>Production level</i>	<i>Sugar content</i>	<i>Potential color</i>
	<i>Year approved</i>	<i>Agronomic references</i>	<i>Weight of grape bunches</i>	<i>Vigor</i>	<i>Total acidity</i>	<i>Tannic structure</i>
	<i>Growing surface area</i>		<i>Size of berries</i>	<i>Sensitivity to Botrytis</i>	<i>Aromatic intensity</i>	<i>Oenological aptitudes</i>
366	Indre-et-Loire	ENTAV		medium	medium to high	
	1975	Val-de-Loire				
	0.46 ha					

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