



## Courbu noir N



### Name of vine variety in France

Courbu noir

### Origin

Courbu noir N is a native vine variety from the Pyrenesse vineyards. It does not correspond to the black form of Courbu B.

### Synonymy

No synonym is officially recognized in France, nor in the other countries of the European Union.

### Regulations

In France, Courbu noir N is officially listed in the "Catalogue of vine varieties".

### Use

Wine vine variety

### Evolution of area under vines in France

	1979	1988	2000	2008	2016
ha	10	11	1	1	1.1

### Description

Identification signs include:

- young leaves are red and very bronze,
- adult leaves have 5 lobes with an open petiolar sinus and frequently with a tooth on the edge, open lateral sinuses, small teeth with straight sides, and the underside with a moderate to heavy coat of flat-lying hairs,
- round-shaped berries.

### Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	236	239	172	188	248	238	233	239

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	137	236	249	178	200	260	248	243	271

## Phenology

Bud burst: 3 days after Chasselas.  
Grape maturity: period III, 4 weeks after Chasselas.

## Suitability for cultivation and agronomic production

This fairly unproductive vine variety must be managed with long pruning.

## Sensitivity to diseases and pests

Courbu noir N is fairly susceptible to powdery mildew but resists well against downy mildew.

## Technological potential

Grape clusters and berries are small. Courbu noir N produces fine, light in color and in alcohol but relatively astringent wines.

## Clonal selection in France

The 2 approved Courbu noir N clones carry the numbers 728 and 729.

## 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-plate.
- 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
728	Pyrénées-Atlantiques	ENTAV				
	1980	Sud-Ouest				

ENTAV 

Small distribution clone, conforms to vine variety characteristics

729	Pyrénées-Atlantiques	ENTAV				
	1980	Sud-Ouest				

ENTAV 

Small distribution clone, conforms to vine variety characteristics



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