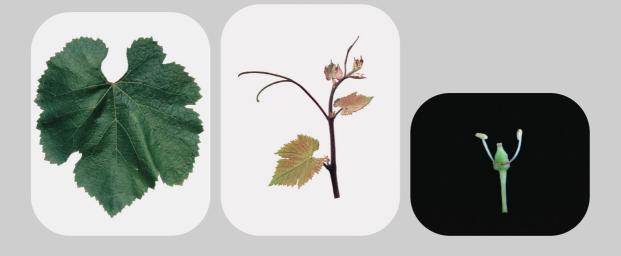


# BC 2 Berlandieri - Colombard 2



### Genetic origin

Based on genetic analyses carried out in Montpellier, this variety results from the crossbreeding of *Vitis berlandieri* and *Vitis vinifera* cv. Ugni blanc.

### Name of the variety in France (and usual name)

BC 2

### Breeder\/breeder and year obtained

Mr Blanchard and Jean-Louis Vidal

Estimated surface area of the French vineyard grafted with this rootstock and main regions of use

35 ha .

#### Elements of ampelographic description

The identification is based on:

- the tip of the young shoot that is open, with a high density of prostrate hairs and a piping anthocyanin coloration,
- the bronzed young leaves,
- the shoots with a very ribbed surface,

- the medium to large, wedge-shaped adult leaves, with a fairly thick leaf blade, shallow upper lateral sinuses, a slightly open lyre-shaped petiole sinus, long teeth compared to their width with straight or convex sides, and a low to medium density of erect hairs on petioles and on the veins on the lower side of the leaves,

- the hermaphrodite flowers,
- the small, round-shaped berries with a blue black skin.

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### **Evolution of cultivated areas in France**

Year ha		
19450.03		
19751		
19851		
20050		
20150		

## **Genetic profile**

Microsatel	liteVVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allele 1	141	223	231	252	192	250	252	233	243
Allele 2	143	234	249	254	194	252	254	247	249

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### **Resistance to soil pests**

BC 2 is moderately to strongly tolerant to the root form of phylloxera.

### Aptitudes for vegetative multiplication

BC 2 cutting capacity is medium and its grafting aptitude is good.

### **Clonal selection in France**

In France, the only certified BC 2 clone carries the number 1369.

### **Bibliographic references**

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

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE Montpellier SupAgro, Marseillan, France.
- Cépages et vignobles de France, tome 1. P. Galet, 1988, Ed. Dehan, Montpellier, France.

### Adaptation to the environment

BC 2 is well adapted to limestone soil and can resist up to 40% of "active" limestone.

Interaction with the graft and production objectives

Plants grafted onto this rootstock develop quiclky.

Constitut Geno Vigner

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