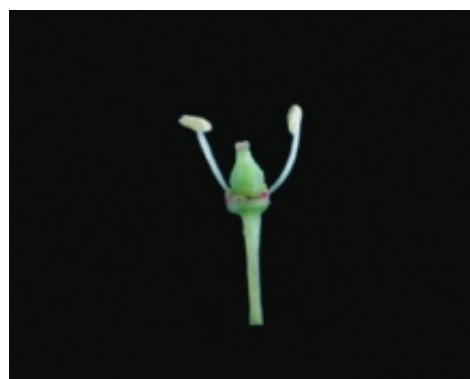




Berlandieri - Colombard 2



Name of variety in France (and usual designation)

Berlandieri - Colombard 2 (BC 2)

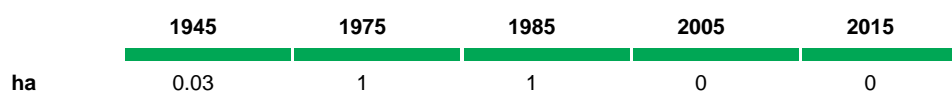
Breeder/selector and year of obtention

Mr Blanchard and Jean-Louis Vidal, 1894.

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.

Evolution of mother vine surfaces



Estimated surface area of French vines grafted with the rootstock, and main

35 ha.

Descriptive elements

The identification is based on:

- the tip of the young shoot that is open, with a high density of prostate 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.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	141	223	231	252	192	250	252	233	243

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	143	234	249	254	194	252	254	247	249

Resistance to soil parasites

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

Adaptation to the environment

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

Interaction with grafts and production objectives

Plants grafted onto this rootstock develop quickly.

Vegetative propagation aptitudes

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

Resistance to aerial parasites

BC 2 is susceptible to downy mildew.

Clonal selection in France

In France, there is no certified clone for this variety yet.



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