



Isa B



Name of the variety in France

Isa

Origin

This variety was obtained in 1964 by INRA by crossbreeding Gloria Hungariae and Cardinal.

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, Isa is officially listed in the "Catalogue of vine varieties" on the A list. This variety is also listed in the catalogue of Bulgaria.

Use

Table grape variety.

Evolution of cultivated areas in France

	2000	2008	2018
ha	11	11	4.7

Descriptive elements

The identification is based on:

- the tip of the young shoot with a low density of prostrate hairs,
- the green young leaves with bronze spots,
- the circular or pentagonal adult leaves, with five or seven lobes, V-shaped lateral sinuses with overlapping lateral lobes, a slightly open or closed U- or V-shaped petiole sinus, medium to long teeth with straight sides, no or low anthocyanin coloration of veins, a smooth, slightly blistered and twisted leaf blade, and on the lower side of the leaves, a low density of erect hairs on the veins and no or a very low density of prostrate hairs,
- the round-shaped or broad ellipsoid berries, with a slightly aromatic or muscat flavor.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	229	249	176	186	248	240	267	255
Allel 2	133	234	249	180	186	256	254	267	271

Phenology

Bud burst: 4 days before Chasselas.
Grape maturity: early-season, same as Chasselas.

Suitability for cultivation and agronomic production

Isa has a moderate to strong vigor and a semi-erect bearing. This variety must be trained and managed by short pruning.

Susceptibility to diseases and pests

Isa is slightly sensitive to powdery mildew.

Technological potentiality

The bunches are medium in size, supple and not very compact. The berries are medium to large in size with a fairly thin skin and a pleasantly flavored, slightly muscaté firm pulp. To obtain a good golden coloring of the berries and prevent browning, leaf removal should be moderate and not too intense. This variety has an average storage and transport capacity.

Clonal selection in France

The only certified Isa clone carries the number 1031.

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 - Institut Agro | Montpellier, Marseillan, France.
- Dictionnaire encyclopédique des cépages et de leurs synonymes. P. Galet, 2015, Ed. Libre&Solidaire, France.

Description of clones certified in France

Clone no.	Identity and availability		Agronomic data		Technological data	
	Origin	Selection	Fertility	Production level	Sugar level	Color potential
	Year of certification	Agronomic references	Bunch weight	Vigor	Titriable acidity	Tannic structure
	Surface area used for propagation (year)		Berry size	Susceptibility to grey rot	Aromatic intensity	Oenological suitability
1031	1995	INRA				

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