



Flame seedless Rg



Name of the variety in France

Flame seedless

Origin

This table grape variety was obtained in 1961 at the USDA Station of Fresno in California, by J.H. Weinberger and F.N. Harmon.

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, Flame seedless is officially listed in the "Catalogue of vine varieties" on the A list. This variety is also listed in the catalogues of other Member States of the European Union: Bulgaria, Spain and Portugal.

Use

Table grape variety.

Evolution of cultivated areas in France



Descriptive elements

The identification is based on:

- the tip of the young shoot with a very low density of prostrate hairs,
- the green or bronzed young leaves, with no prostrate hairs,
- the green or red-stripped shoots with a ribbed surface,
- the wedge-shaped or circular adult leaves, with five or sometimes seven lobes, deep lateral sinuses with overlapping lobes and sometimes a tooth inside, an open or very open brace- or U-shaped petiole sinus, moderately long teeth compared to their width at the base with convex or straight sides, a strong anthocyanin coloration of veins and petioles, a thin, slightly blistered, twisted leaf blade, and on the lower side of the leaves, no erect and prostrate hairs,
- the round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	232	239	178	188	248	240	243	249
Allel 2	149	234	253	182	188	252	248	243	271

Phenology

Bud burst: 1 day after Chasselas.

Grape maturity: early-season, same as Chasselas.

Suitability for cultivation and agronomic production

Flame Seedless has a high vigor, long shoots and a horizontal bearing, that require a sufficient trellising. This variety is early and is usually pruned long.

Susceptibility to diseases and pests

Flame Seedless is not very sensitive to rot.

Technological potentiality

Flame Seedless' bunches are medium in size and loose. The red or red-purplish berries are seedless, small to medium, simple-flavored, with a lot of bloom, a rather thin skin and a firm and crunchy pulp. The fruits have a nice gustatory quality.

Clonal selection in France

The only certified Flame seedless clone carries the number 6011.

Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Institut Agro | Montpellier, Marseillan, France.
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- Nouvelles variétés de raisins de table et de raisins secs, Office National de la Vigne et du Vin (OIV), 1988, France.
- Le raisin de table, Centre technique interprofessionnel des fruits et légumes (CTIFL), 1993, France.
- Variedades de Uva de Mesa en Andalucía, A. García de Luján and M. Lara Benitez, 1998, Ed. Junta de Andalucía-Consejería de Agricultura y Pesca, Spain.

Description of clones certified in France

Clone no.	Identity and availability		Agronomic data		Technological data	
	<i>Origin</i>	<i>Selection</i>	<i>Fertility</i>	<i>Production level</i>	<i>Sugar level</i>	<i>Color potential</i>
	<i>Year of certification</i>	<i>Agronomic references</i>	<i>Bunch weight</i>	<i>Vigor</i>	<i>Titrate acidity</i>	<i>Tannic structure</i>
	<i>Surface area used for propagation (year)</i>		<i>Berry size</i>	<i>Susceptibility to grey rot</i>	<i>Aromatic intensity</i>	<i>Oenological suitability</i>
6011	Etats-Unis	IFV	medium	medium	medium	
	2007	Languedoc	medium		medium	
			medium			

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