New

Luminan B

Wine grape variety.







Origin

Luminan was obtained by INRA and BNIC. This interspecific hybrid results from the crossbreeding of a descendant of *Muscadinia rotundifolia* and Ugni blanc.

Use

Wine grape variety.

Name of the variety in France

Luminan

Synonymy

There is no officially recognized synonym in France nor in the other countries of the European Union, for this variety.

Regulatory data

In France, Luminan is officially listed in the "Catalogue of vine varieties" since 2021 on the A list and classified.

Description elements

The identification is based on:
- the tip of the young shoot with a high density of prostrate hairs,
- the bronzed young leaves,
- the matte red or red-striped shoots with prominent nodes and long internodes,
- the small to medium-sized adult leaves, with five lobes, deep, slightly overlapping U-shaped upper lateral sinuses, often with a tooth inside, a closed petiole sinus, medium to long teeth compared to their width at the base, with straight sides, a very low anthocyanin pigmentation of the veins, a mottled green, strongly blistered leaf blade, and on the lower side of the blade, a low density of prostrate hairs,
- the slightly obloid berries.

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Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allele 1	131	223	249	176	194	252	240	227	239
Allele 2	141	229	253	186	200	260	254	243	271

Cultivation and agronomic skills

Luminan is very vigorous and very productive.

Clonal selection in France

There is no certified clone for this variety yet.

Phenology

Bud burst: 11 days after Chasselas.
Grape maturity: mid-season, 3 weeks after Chasselas.

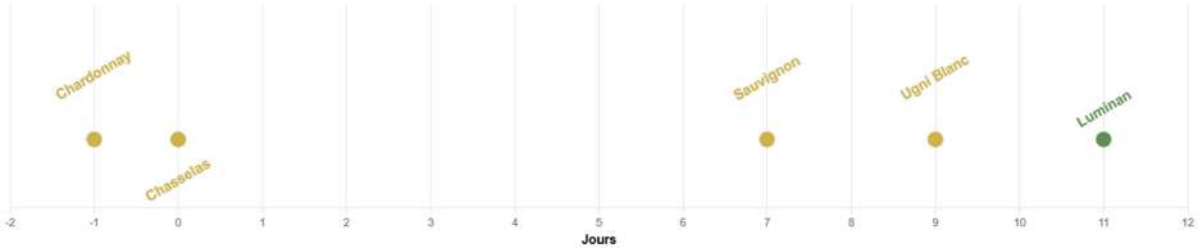
Debourrement

Technological potential

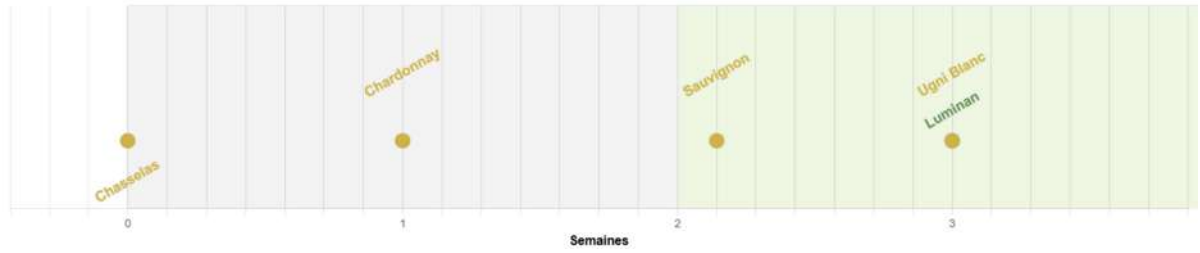
Luminan's bunches are large and compact, with medium-sized berries. The wines are currently being evaluated as distillation wines.

Susceptibility to Diseases and Pests

Luminan is resistant to downy mildew and powdery mildew.
According to the breeder, based on current knowledge, two fungicide treatments for downy mildew and powdery mildew are essential to preserve resistance factors. This protection should be increased in case of high disease pressure.



Maturité



Bibliographic references

- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Institut Agro Montpellier, Marseillan, France.
- Luminan variety note, Resistant varieties observatory, 2021

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