Autumn Royal N

Table grape variety.







Origin

This table grape variety was obtained at the USDA Station of Fresno in California, in 1981. It would result from the crossbreeding of Autumn Black and C74-1 Fresno.

Use

Table grape variety.

Name of the variety in France

Autumn Royal

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, Autumn Royal is officially listed in the "Catalogue of vine varieties" since 2015 on the B list. This variety is also listed in the catalogue of Italy.

Description elements

The identification is based on:
- the tip of the young shoot with a low density of prostrate hairs,
- the shiny bronzed young leaves with no or a very low density of prostrate hairs,
- the shoots with green nodes and internodes,
- the wedge-shaped adult leaves, with five lobes, a very open U- or V-shaped petiole sinus, with sometimes a tooth on the edge, small teeth, long compared to their width at the base with straight sides or with one side concave and one side convex, a weak anthocyanin coloration of veins, an involute, slightly blistered leaf blade, and on the lower side of the leaves, no erect and prostrate hairs,
- the ellipsoid or ovoid berries.

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Evolution of cultivated areas in France

Year	2018
ha	0

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allele 1	149	232	239	178	186	248	248	243	255
Allele 2	149	238	249	191	188	258	248	243	271

Cultivation and agronomic skills

Autumn Royal is rather vigorous and has an erect bearing. It is not very fertile but produces large bunches. It is not very sensitive to millerandage. This variety has a moderate production that can vary from one year to the next. This variety is usually pruned long. The harvest must be performed several times as the maturity and the coloration of berries is heterogeneous and the grapes do not keep well on the vine trunks.

Clonal selection in France

The only certified Autumn royal clone carries the number 1220.

Phenology

Bud burst: 1 day after Chasselas.

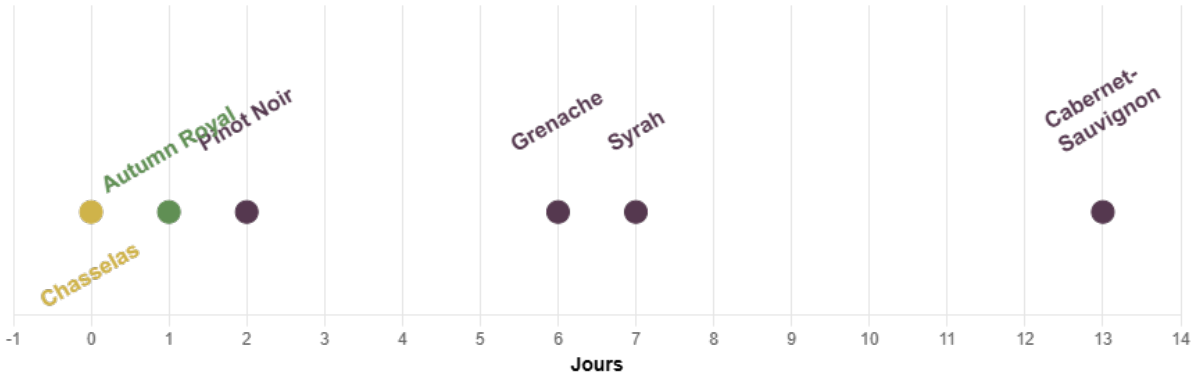
Technological potential

Autumn Royal's bunches are large and moderately compact. The berries are seedless, very large, simple-flavored, with a moderately thick skin and a crunchy, sapid pulp. This variety does not recquire an acid gibberellic treatment and has interesting gustatory qualities. The berries are rather sugary for a table grape variety, and if the seeds are present, they are soft and not very noticeable. The bunches have a good cold storage aptitude and resist well to manipulations.

Susceptibility to Diseases and Pests

Autumn Royal is a little sensitive to peduncular rot. It is also very sensitive to downy mildew and rather susceptible to vine leafhoppers.

Debourrement



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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