

Portuguese Ampelographic Collection (PRT051)

Sanitary situation: Virus

Accessions tested

All red and rose varieties and all *sylvestris* accessions tested for a least 9 viruses.

Almost all white varieties tested for 7 viruses.

Viruses tested by ELISA

Secoviridae family- genus Nepovirus
Arabis Mosaic Virus (ArMV) and Grapevine
Fanleaf Virus (GFLV)

Closteroviridae family- genera
Ampelovirus and Closterovirus

Grapevine Leafroll associated Viruses 1, 2, 3,
5, 6 and 7 (GLRaV 1, 2, 3, 5, 6 and 7)

Tymoviridae family- genus Maculavirus
Grapevine Fleck virus (GFkV)

Betaflexiviridae family- genus Vitivirus
Grapevine virus A (GVA) and Grapevine virus B
(GVB)

Results

Virus	Number of accessions tested	% of virus infected accessions	% of infections in sylvestris accessions
ArMV*	624	0.5	0
GFLV	642	8.6	0
GLRaV 1	624	8.3	0
GLRaV 2	629	10.5	0
GLRaV 3	624	59.1	25.0
GLRaV 5	87	0	Not tested
GLRaV 6	159	1.9	Not tested
GLRaV 7	624	0	0
GFkV	670	25.4	0
GVA	251	13.5	0
GVB	624	2.5	0

ArMV*: all infected plants came from foreign collections;

Ongoing work

By the end of 2012 all accessions will be tested by ELISA for nine viruses as part of the ongoing renovation of the Portuguese Ampelographic Collection Project PRODER PA 18621.

New accessions collected as the result of prospection's carry on by the Project PRODER PA 18572, are all tested for the referred nine viruses before entering the collection.

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