

Description of the variety

Mtsvane Rachuli

Crop: **Grapevine**

Local name of variety: **Mtsvane Rachuli**

Botanical name of the taxon: *Vitis vinifera* L. ssp.

Breeder: **Local variety**

Distribution: **It is mainly spread in Racha-Lechkhumi**

Usage: **High quality white wine**



Basic characteristics:

Young shoot

2	Young shoot: opening of the shoot tip	(5) open
4	Young shoot: intensity of anthocyanin coloration on prostrate hairs of the shoot tip	(3)low
3	Young shoot: density of prostrate hairs on the shoot tip	(7)strong

Shoot

9	Shoot: attitude (before tying)	(3) semi-erect
10	Shoot: color of the dorsal side of internodes	(2) green and red
11	Shoot: color of the ventral side of internodes	(1)green

Young leaf

6	Young leaf: color of upper side of blade (4th leaf)	(3)bronze
7	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	(7)strong

Mature leaf

18	Mature leaf: shape of blade	(3)pentagonal
20	Mature leaf: number of lobes	(2)three, (3)five
19	Mature leaf: blistering of upper side of blade	(5) medium
26	Mature leaf: shape of teeth	(5) medium, between (3) both side convex , (2) both side concave
23	Mature leaf: degree of opening / overlapping of petiole sinus	(3) open, (5)closed
28	Prostrate hairs between main veins on lower side of blade	(7)strong

Woody Shoot

44	Woody shoot: main color	(2)brown
----	-------------------------	----------

Sexual organs

16	Flower: sexual organs	(3) fully developed stamens and fully developed stamens and fully developed gynoecium
----	-----------------------	---

Bunch

32	Bunch: length (peduncle excluded)	(3)short
33	Bunch: density	(5) medium
34	Bunch: length of peduncle of primary bunch	(3) short

Berry

36	Berry: shape	(2) globose
37	Berry: color of skin	(1)yellow-green
40	Berry: intensity of flesh anthocyanin coloration	(1) absent
41	Berry: firmness of flesh	(2)medium
42	Berry: particular flavor	(1)absent
43	Berry: formation of seeds	(3)perfect

Additional characteristics according to OIV:

OIV 016	Shoot: number of consecutive tendrils	(1)two or less
OIV 070	Mature leaf: area of anthocyanin coloration of main veins on upper side:	(2) only at the petiole point
OIV 072	Mature leaf: goffering of blade	(3) weak
OIV 074	Mature leaf: profile of blade in cross section	(3) both side convex
OIV 080	Mature leaf: shape of base of petiole sinus	(3) V shaped
OIV 081-1	Mature leaf: teeth in the petiole sinus	(9) present
OIV 081-2	Mature leaf: petiole sinus base limited by vein	(2)on one point
OIV 083-2	Mature leaf: teeth in the upper lateral sinuses	(1)absent
OIV 086	Mature leaf: density of prostrate hairs on main veins on lower side of blade	(5)medium
OIV 087	Mature leaf: density of erect hairs on main veins on lower side of blade	(1)absent or very low
OIV 203	Bunch: width	(3)narrow
OIV 208	Bunch: shape	(2) conical
OIV 209	Bunch: number of wings of the primary bunch	(2) one-two
OIV 220	Berry: length	(3)low
OIV 221	Berry: width	(3) narrow
OIV 351	Vigor of shoot growth	(7)strong
OIV 502	Bunch: single bunch weight	(3)low
OIV 503	Berry: single berry weight	(3) low
OIV 504	Yield per m 2	(7)high