



# Moscato VT1

Muganu M., Paolocci M., 2013. Malvasia di Candia aromatica. In: Italian Vitis database. www.vitisdb.it ISSN 2282-006X

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## Information managed by

Dipartimento di Scienze Agrarie e Forestali, Università della Tuscia, Viterbo

### General information

**name** Moscato VT1  
**country of selection** Italia  
**province of selection** Viterbo  
**holding institution** Dipartimento di Scienze Agrarie e Forestali, Università della Tuscia, Viterbo  
**collection vineyard** Azienda Agraria Didattico-Sperimentale Università della Tuscia  
**code** ITA062-MOS VT1  
**region of selection** Lazio  
**locality of selection** Grottaferrata

### Variety & clone

**type of origin** spontanea  
**specie** Vitis vinifera  
**variety** Malvasia di Candia aromatica  
**clone** not available  
**trueness to type** confirmed by ampelography and SSR-markers  
**genera** Vitis  
**subspecie** sativa  
**variety code** IVD-var\_335

### Trueness to type

#### True-name

confirmed **yes**

#### related bibliography (1)

authors	year	title	journal	citation
Cosmo I., Sardi F.	1962	Malvasia di Candia (aromatica)		Principali vitigni da vino coltivati in Italia, Ministero dell'Agricoltura e delle Foreste.

#### Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

#### related bibliography (1)

authors	year	title	journal	citation
Cosmo I., Sardi F.	1962	Malvasia di Candia (aromatica)		Principali vitigni da vino coltivati in Italia, Ministero dell'Agricoltura e delle Foreste.

#### Trueness to type confirmed by SSR-markers

confirmation by SSR-markers **confirmed**

#### related bibliography (1)

authors	year	title	journal	citation
Muganu M., Dangl G., Aradhya M., Frediani M., Scossa A., Stover E.	2009	Ampelographic and DNA Characterization of Local Grapevine Accessions of the Tuscia Area (Latium, Italy)	American Journal of Enology and Viticulture	(60,1): 110-115

compared loci **9**

identical loci **8**

discrepancies **Locus VVMD 27**

## Standardized microsatellite profile

loci:	predefined loci ( 9 )																	
SSR locus:	VVS2		VVMD5		VVMD7		VVMD27		VrZAG62		VrZAG79		VVMD25		VVMD28		VVMD32	
allele:	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2
size:	135	143	227	227	233	233	185	185	196	204	251	255	256	256	239	251	241	265

## Images



shoot



shootTipUs



shootTipLs



leaf



leafUs



leafLs



bunch



berry




seed

## Ampelography

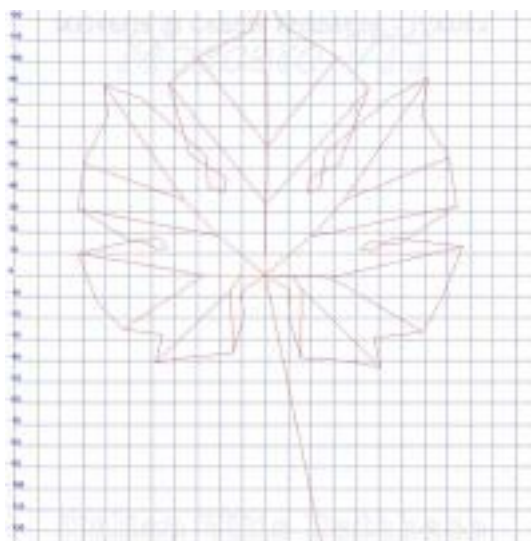
OIV	description	value		images
001	Young shoot: opening of the shoot tip	5	fully open	
002	Young Shoot: distribution of anthocyanin coloration on prostrate hairs of tip	1	absent	
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	1	none or very low	
004	Young Shoot: density of prostrate hairs on tip	1 / 3	none or very low / low	
006	Shoot: attitude (before tying)	3	semi-erect	

007	Shoot: color of dorsal side of internodes	2	green and red
008	Shoot: color of ventral side of internodes	2	green and red
016	Shoot: number of consecutive tendrils	1	2 or less
051	Young leaf: color of the upper side of blade (4 th leaf)	1 / 3	green / bronze
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	3	low
065	Mature leaf: size of blade	3	small
067	Mature leaf: shape of blade	2	wedge-shaped
068	Mature leaf: number of lobes	3 (Ø 4)	five
069	Mature leaf: color of the upper side of blade	5	medium green
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	1	absent
072	Mature leaf: goffering of blade	3	weak
074	Mature leaf: profile of blade in cross section	2 / 4	V-shaped / revolute
075	Mature leaf: blistering of upper side of blade	3	weak
076	Mature leaf: shape of teeth	2	both sides straight
078	Mature leaf: length of teeth compared with their width	7	long
079	Mature leaf: degree of opening / overlapping of petiole sinus	3	open
080	Mature leaf: shape of base of petiole sinus	3	V-shaped
081-1	Mature leaf: teeth in the petiole sinus	1	none
081-2	Mature leaf: petiole sinus base limited by veins	1	not limited
083-2	Mature leaf: teeth in the upper lateral sinuses	1	none
084	Mature leaf: density of prostrate hairs between the main veins on lower side of blade	1	none or very low
085	Mature leaf: density of erect hairs between the main veins on lower side of	5	medium
087	Mature leaf: density of erect hairs on main veins on lower side of blade	7	high
088	Mature leaf: prostrate hairs on main veins on upper side of blade	1	absent
093	Mature leaf: length of petiole compared to length of middle vein	7	slightly longer
094	Mature leaf: depth of upper lateral sinuses	7	deep
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium
153	Inflorescence: number of inflorescences per shoot	2	1,1 to 2 inflorescences
202	Bunch: length (peduncle excluded)	5	medium
203	Bunch: width	3	narrow
204	Bunch: density	3 / 5	loose / medium
206	Bunch: length of peduncle of primary bunch	3	short
208	Bunch: shape	2	conical
209	Bunch: number of wings of the primary bunch	3	3 - 4 wings
220	Berry: length	5 (Ø 4)	medium
221	Berry: width	5 (Ø 4)	medium
223	Berry: shape	2	globose
225	Berry: color of skin	1	green yellow
226	Berry: uniformity of color of skin	2	uniform



227	Berry: bloom	5	medium	
228	Berry: thickness of skin	7	thick	
229	Berry: hilum	1	little visible	
231	Berry: intensity of flesh anthocyanin coloration	1	none or very weak	
232	Berry: juiciness of flesh	2	medium juicy	
235	Berry: firmness of flesh	1	soft	
236	Berry: particularity of flavor	2	muscat	
238	Berry: length of pedicel	3	short	
240	Berry: ease of detachment from pedicel	3	difficult	
241	Berry: formation of seeds	3	complete	
243	Berry: weight of seeds	3	low	
244	Berry: transversal ridges on dorsal side of seeds	1	absent	

### Ampelometry



ampelometric leaf

### OIV

OIV	PDF	description	value
601	PDF	Mature leaf: length of vein N1	( Ø 129.70 )
602	PDF	Mature leaf: length of vein N2	( Ø 116.20 )
603	PDF	Mature leaf: length of vein N3	( Ø 86.50 )
604	PDF	Mature leaf: length of vein N4	( Ø 65.80 )
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	( Ø 42.90 )
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	( Ø 44.80 )
607	PDF	Mature leaf: angle between N1 and N2 measured at the first ramification	( Ø 48.60 )
608	PDF	Mature leaf: angle between N2 and N3 measured at the first ramification	( Ø 43.20 )
609	PDF	Mature leaf: angle between N3 and N41) measured at the first ramification	( Ø 56.30 )
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	( Ø 76.60 )
611	PDF	Mature leaf: length of vein N5	( Ø 31.40 )
612	PDF	Mature leaf: length of tooth N2	( Ø 15.70 )
613	PDF	Mature leaf: width of tooth N2	( Ø 16.90 )
614	PDF	Mature leaf: length of tooth N4	( Ø 10.90 )
615	PDF	Mature leaf: width of tooth N4	( Ø 15.50 )
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	( Ø 42.90 )
618	PDF	Mature leaf: opening/overlapping of petiole sinus	( Ø -19.90 )

### Superampelo

no SuperAmpelo descriptors available for Muscato VT1

**Phenology & production**

OIV	description	value	
301	Time of bud burst	3	early
351	Vigor of shoot growth	5	medium (70-80 g)
502	Bunch: weight of a single bunch	3	low (250-350 g)
503	Berry: single berry weight	3 (Ø 2)	low (2,5-3,5 g)
505	Sugar content of must	7	high (20,2-21,8)
506	Total acid content of must	3 (Ø 2)	low (5,2-6,8)

**Agronomic**

no descriptors available for Moscato VT1

**Berry polyphenols**

no polyphenolic descriptors available for Moscato VT1

**Berry aroma**

no aroma descriptors available for Moscato VT1

**Other descr.**

no other descriptors available for Moscato VT1

**Related bibliography (1)**

authors	year	title	journal	citation
Cosmo I., Sardi F.	1962	Malvasia di Candia (aromatica)		Principali vitigni da vino coltivati in Italia, Ministero dell'Agricoltura e delle Foreste.

**Accessions of the same variety (3)**

- Malvasia di Candia aromatica - Dipartimento di Scienze della Vita - Università degli Studi di Modena e Reggio Emilia
- Malvasia di Candia aromatica (standard) - Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DISAAA-a) - Università di Pisa
- Moscato VT1 - Dipartimento di Scienze Agrarie e Forestali, Università della Tuscia, Viterbo