



Moscato Giallo

de Palma L., De Michele M., 2015. Moscato Giallo. In: Italian Vitis Database, <http://it.grapedb.org> ISSN 2282-006X.

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General information managed by

Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia

Botanical information

name Moscato Giallo
type of origin spontanea
specie Vitis vinifera
variety group Moscato
trueness to type confirmed by ampelography and SSR-markers
code IVD-var_459

genera Vitis
subspecie sativa
variety for wine

True-name

confirmed **yes**

Related bibliography (1)

authors	year	title	journal	citation
A.A.V.V.	2011	European Vitis database		http://www.eu-vitis.de/index.php

Registration

Registered in the National Catalogue yes
code 154
Official name Moscato Giallo b.

Synonyms

official synonyms (6)
 synonyms reported in the National Catalogue
 Moscato Moscatello Moscatellone Goldmuskateller Muscat Muskateller

Main accession info

main accession Moscatello di Vico
creation submitter Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia

Standardized accessions (2)

- Culupuntu - Agris Sardegna Servizio RFOOVE
- Moscatello di Vico - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia

All accessions (2)

- Culupuntu - Agris Sardegna Servizio RFOOVE
- Moscatello di Vico - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia

Released clones (7)

I - RAUSCEDO 1 I - VCR 5 I - VCR 102 I - ISV - V 5 I - ISV - V 13 I - VCR 100 I - CRSA - Regione Puglia F 38

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:	133	143	227	239	239	249	178	178	186	188	249	255	243	257	238	248	259	273

other Locus info available online

Images



shoot



leafUs






leafLs



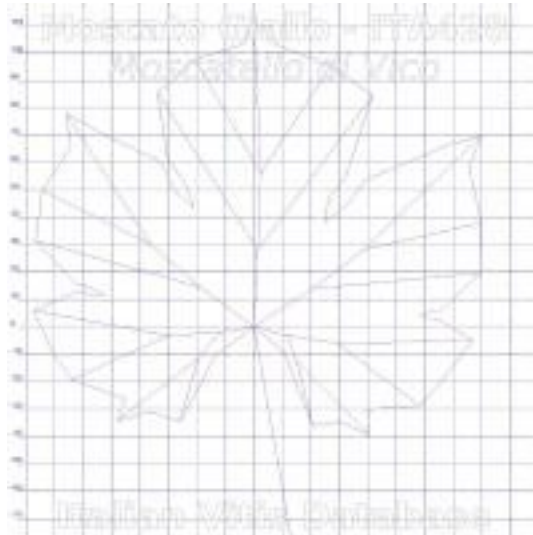
bunch

Ampelography

OIV	description	value		images
001	Young shoot: opening of the shoot tip	5	fully open	
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	1 / 3	none or very low / low	
004	Young Shoot: density of prostrate hairs on tip	5 / 7	medium / high	
006	Shoot: attitude (before tying)	3	semi-erect	
007	Shoot: color of dorsal side of internodes	1	green	
008	Shoot: color of ventral side of internodes	1	green	
016	Shoot: number of consecutive tendrils	1	2 or less	
051	Young leaf: color of the upper side of blade (4 th leaf)	1	green	
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	1	none or very low	
067	Mature leaf: shape of blade	2 / 4	wedge-shaped / circular	
068	Mature leaf: number of lobes	1 / 2 (3)	one (entire leaf) / three	
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	1	absent	
075	Mature leaf: blistering of upper side of blade	1	absent or very weak	
076	Mature leaf: shape of teeth	5	mixture between both sides straight (note 2) and both sides convex (note 3)	
079	Mature leaf: degree of opening / overlapping of petiole sinus	3	open	
080	Mature leaf: shape of base of petiole sinus	1 / 3	U-shaped / 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	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	1 / 3	none or very low / low	
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium	
153	Inflorescence: number of inflorescences per shoot	1	up to 1 inflorescence	
155	Shoot: fertility of basal buds (buds 1-3)	1 / 5	very low (<0,5) / medium (1,1-1,3)	
202	Bunch: length (peduncle excluded)	5	medium	
204	Bunch: density	3	loose	
206	Bunch: length of peduncle of primary bunch	3	short	
208	Bunch: shape	1 / 2	cylindrical / conical	
209	Bunch: number of wings of the primary bunch	2 / 3	1 - 2 wings / 3 - 4 wings	

220	Berry: length	3	short
221	Berry: width	3	narrow
223	Berry: shape	2	globose
225	Berry: color of skin	1	green yellow
231	Berry: intensity of flesh anthocyanin coloration	1	none or very weak
236	Berry: particularity of flavor	2	muscat
241	Berry: formation of seeds	3	complete

Ampelometry



ampelometric leaf

OIV

OIV	PDF	description	value	
601	PDF	Mature leaf: length of vein N1	3	short (105 mm)
602	PDF	Mature leaf: length of vein N2	5	medium (105 mm)
603	PDF	Mature leaf: length of vein N3	5	medium (75 mm)
604	PDF	Mature leaf: length of vein N4	9	very long (55 mm and over)
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	3	short (50 mm)
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	5	medium (60 mm)
607	PDF	Mature leaf: angle between N1 and N2 measured at the first ramification	5	medium (46°-55°)
608	PDF	Mature leaf: angle between N2 and N3 measured at the first ramification	5	medium (46°-55°)
609	PDF	Mature leaf: angle between N3 and N41 measured at the first ramification	5	medium (46°-55°)
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	7	large (56°-70°)
612	PDF	Mature leaf: length of tooth N2	3	short (10 mm)
613	PDF	Mature leaf: width of tooth N2	3	narrow (10 mm)
614	PDF	Mature leaf: length of tooth N4	3	short (10 mm)
615	PDF	Mature leaf: width of tooth N4	3	narrow (10 mm)

Superampelo

distances		
descriptor	value	standard deviation
Base of the tooth located at the end of N4'	10.882	2.105
Base of the tooth located at the end of N2	11.700	1.898
Distance from the petiole sinus to the lower left sinus	54.955	11.677
Base of the tooth located at the end of N4	11.009	2.610
Base of the tooth located at the end of N2'	11.609	2.135
Distance from the petiole sinus to the upper right sinus	45.891	10.804
Vein N3', length from the petiole sinus to vein N4'	12.273	3.601
Distance from the petiole sinus to the lower right sinus	59.236	6.378
Distance from the petiole sinus to the upper left sinus	48.800	10.498
Length of vein N5	26.018	10.356
Length of vein N4'	49.300	6.472
Vein N3, length from the petiole sinus to vein N4	12.373	1.915
Length of vein N5'	24.473	4.423
Distance between petiole point and end of vein N4	57.273	4.791
Leaf length	153.909	14.052
Length of vein N4	46.909	4.401
Distance between petiole point and end of vein N4'	59.745	6.658
Petiole length	86.527	13.822
Length of vein N1	111.864	7.913
Leaf width	160.573	18.143
Leaf length Including the petiole	198.391	20.995
Distance between the ends of veins N4 and N4'	89.155	10.931
Width of petiole sinus / Distance between points SP and SP'	-33.582	4.553
Distance between the ends of veins N2 and N2'	146.782	15.356
Distance between the ends of veins N3 and N3'	155.555	16.996
Length of vein N3	77.727	9.010
Length of vein N3'	79.400	11.338
Length of vein N2	106.500	11.901
Length of vein N2'	103.516	8.536
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	58.991	12.248
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	50.155	15.374
Height of the tooth on the end of N4	9.327	1.908
Height of the tooth on the end of N4'	8.791	2.978
Height of the tooth on the end of N2	11.091	2.806
Altezza del dente posto all'estremità di N2'	11.436	4.113

angles		
descriptor	value	standard deviation
Sum of the angles alpha' + beta'	101.973	7.001
Sum of the angles alpha + beta	101.573	8.421
Sum of the angles alpha' + beta' + gamma'	150.046	12.899
Sum of the angles alpha + beta + gamma	162.818	36.694
Angle between N1 and N2 measured at the first bifurcation	53.191	5.254
Angle between N1 and N2' measured at the first bifurcation	55.300	6.824
Angle between N3 and N4 at the first fork of N3	61.236	36.955
Angle between N3' and N4'	48.091	11.608
Angle between N2 and N3 measured at the first bifurcation	48.391	6.039
Angle between N2 and N3' measured at the first bifurcation	46.673	8.882
Angle between N2 and N3 measured at the ends of the veins	44.745	8.097
Angle between N2' and N3' measured at the ends of the veins	45.782	8.842
Angle between N1 and N2 measured at the ends of the veins	48.491	5.772
Angle between N1' and N2' measured at the ends of the veins	40.391	9.531
Angle of opening of the petiole sinus measured at SP and at SP'	77.345	14.419
Angle between D and D' with the center in N1	108.473	11.026
Angle between N3 and N4 measured at the ends of the veins	40.591	4.855
Angle between N3' and N4' measured at the ends of the veins	39.618	6.530
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	56.545	5.898
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	56.736	10.740
Angle between S and S' with the center in N1	38.145	17.110
Angle between I and I' with the center in N1	56.045	8.102

rations		
descriptor	value	standard deviation
Ratio between the sum of the angles a' + b' and the sum of the distance between the petiole sinus and upper right sinus OS' and the petiole sinus and lower right lower right sinus OI'	0.018	0.004
Ratio between the sum of the angles a + b and the sum of the distance between the petiole sinus and upper right sinus OS and the petiole sinus and lower right lower right sinus OI	0.017	0.002
Ratio between the height and the base of the tooth at the end of the vein N2'	0.994	0.310
Ratio between the height and the base of the tooth at the end of the vein N2	0.950	0.166
Ratio between the length of the vein N4' and the length of the vein N1	0.441	0.056
Ratio between the length of the vein N4 and the length of the vein N1	0.420	0.039
Ratio between the length of the vein N5' and the length of the vein N1	0.219	0.037
Ratio between the length of the vein N5 and the length of the vein N1	0.232	0.087
Ratio between the length of the vein N2' and the length of the vein N1	0.926	0.053
Ratio between the length of the vein N2 and the length of the vein N1	0.952	0.080
Ratio between the length of the vein N3' and the length of the vein N1	0.710	0.088
Ratio between the length of the vein N3 and the length of the vein N1	0.695	0.066
Ratio between the distance from the sinus and the length of the vein N2'	0.477	0.127
Ratio between the distance from the sinus and the length of the vein N2	0.440	0.133
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.698	0.142
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.767	0.081
Multiplication between length and width of the leaf	24894.490	4822.411
Ratio between the length of the petiole OP and the length of the vein N1	0.770	0.083
Ratio between length and width of the leaf	0.963	0.067
Ratio between the height and the base of the tooth at the end of the vein N4'	0.825	0.249
Ratio between the height and the base of the tooth at the end of the vein N4	0.868	0.165