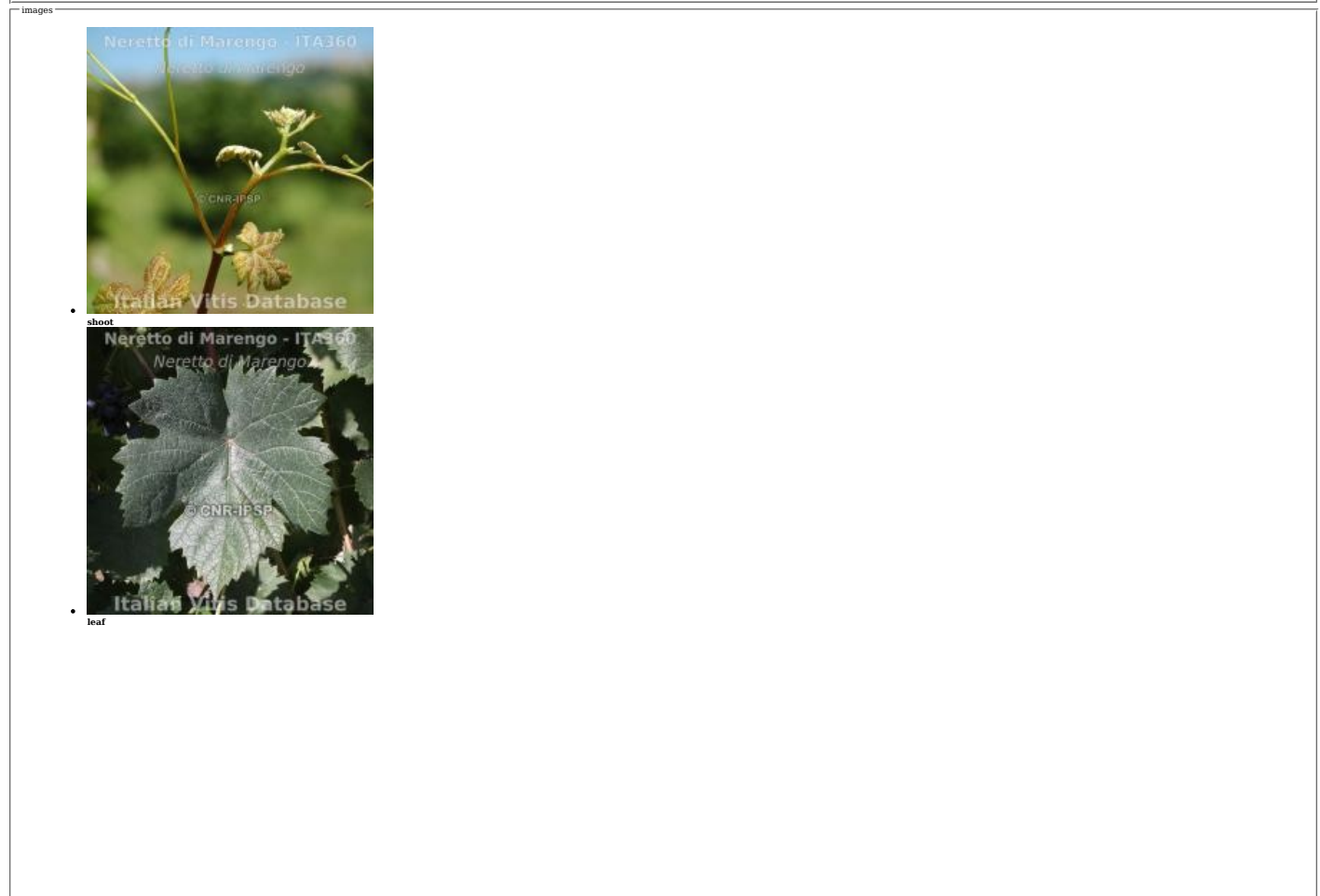


Neretto di Marengo

Raimondi S., Torello Marinoni D., Schneider A., 2014. Neretto di Marengo. In: Italian Vitis Database, www.vitisdb.it, ISSN 2282-006X
 release 14/06/2015, Last update 14/06/2015 url <http://vitisdb.it/varieties/show/1198>

general information managed by	Istituto per la Protezione Sostenibile delle Piantе - CNR
acknowledgments	Ager Foundation, Regione Piemonte
botanical information	<p>name Neretto di Marengo</p> <p>type of origin spontanea</p> <p>specie Vitis vinifera</p> <p>variety group not available</p> <p>genera Vitis</p> <p>subspecie</p> <p>sativa</p> <p>variety for trueiness to type confirmed by ampelography and SSR-markers</p> <p>code IVD-var_152</p>
true-name	confirmed yes
registration	Registered in the National Catalogue no
synonyms	<p>documented synonyms (3)</p> <p>synonyms documented by the Istitution that appear with the eventual support of the literature</p> <ul style="list-style-type: none"> • Uva da can(Alessandrino) • Anrè(Alessandrino) • Nerello(Alessandrino)
main accession info	<p>main accession Neretto di Marengo</p> <p>creation submitter Istituto per la Protezione Sostenibile delle Piantе - CNR</p>
standardized accessions (1)	<ul style="list-style-type: none"> • Neretto di Marengo - Istituto per la Protezione Sostenibile delle Piantе - CNR
all accessions (1)	<ul style="list-style-type: none"> • Neretto di Marengo - Istituto per la Protezione Sostenibile delle Piantе - CNR
released clones	no clone available for Neretto di Marengo
standardized microsatellite profile	<p>loci: predefined loci (9)</p> <p>SSR locus: VVS2 VVMD5 VVMD7 VVMD27 VtZAG62 VtZAG79 VVMD25 VVMD28 VVMD32</p> <p>allele: A1 A2 A1 A2 A1 A2 A1 A2 A1 A2 A1 A2 A1 A2 A1 A2</p> <p>size: 137 143 225 245 249 255 179 194 200 204 249 251 240 256 231 239 251 265</p>





bunch



berry

ampelography

OIV	description	value	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	3	low		
004	Young Shoot: density of prostrate hairs on tip	5	medium		
006	Shoot: attitude (before tying)	1 / 3	erect / semi-erect		
007	Shoot: color of dorsal side of internodes	2	green and red		
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 (4th leaf)	1 / 4	green / copper - reddish		
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	5 / 7	medium / high		
067	Mature leaf: shape of blade	3	pentagonal		
068	Mature leaf: number of lobes	2 / 3	three / five		
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	2 / 3	only at the petiolar point / up to the 1st bifurcation		
072	Mature leaf: goffering of blade	3	weak		
074	Mature leaf: profile of blade in cross section	1 / 2	flat / V-shaped		
075	Mature leaf: blistering of upper side of blade	5 / 7	medium / strong		
076	Mature leaf: shape of teeth	4	one side concave, one side convex		
079	Mature leaf: degree of opening / overlapping of petiole sinus	7	overlapped		
080	Mature leaf: shape of base of petiole sinus	2	brace-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	9	present		
084	Mature leaf: density of prostrate hairs between the main veins on lower side of blade	3 / 5	low / medium		
087	Mature leaf: density of erect hairs on main veins on lower side of blade	1	none or very low		
094	Mature leaf: depth of upper lateral sinuses	3	shallow		
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium		
152	Inflorescence: insertion of 1st inflorescence	2 / 3	3rd and 4th node / from the 5th node on		
202	Bunch: length (peduncle excluded)	5 / 7	medium / long		
204	Bunch: density	1	very loose		
206	Bunch: length of peduncle of primary bunch	3 / 5	short / medium		
208	Bunch: shape	2	conical		
209	Bunch: number of wings of the primary bunch	2 / 3	1 - 2 wings / 3 - 4 wings		
220	Berry: length	3 / 5	short / medium		
221	Berry: width	3 / 5	narrow / medium		
223	Berry: shape	2	globose		
225	Berry: color of skin	6	blue black		
231	Berry: intensity of flesh anthocyanin coloration	1	none or very weak		
235	Berry: firmness of flesh	1	soft		
236	Berry: particularity of flavor	1	none		
241	Berry: formation of seeds	3	complete		

ampelometry

OIV
no descriptors available for Neretto di Marengo
superampelo

distances			
descriptor	value	standard deviation	
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	71.490	8.500	
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	69.920	9.850	
Distance from the petiole sinus to the lower left sinus	57.720	5.080	
Distance from the petiole sinus to the lower right sinus	53.660	6.640	
Distance from the petiole sinus to the upper left sinus	53.050	6.700	
Distance from the petiole sinus to the upper right sinus	53.380	6.590	
Vein N3', length from the petiole sinus to vein N4'	11.000	3.520	
Vein N3, length from the petiole sinus to vein N4	12.460	1.930	
Length of vein N5'	24.580	5.270	
Length of vein N5	21.410	5.320	
Length of vein N4'	52.960	6.130	
Length of vein N4	49.920	5.240	
Leaf length	177.840	12.870	
Leaf width	173.630	9.500	
Leaf length including the petiole	242.560	18.330	
Petiole length	126.090	10.670	
Length of vein N1	116.480	9.460	
Distance between the ends of veins N2 and N2'	171.590	9.490	
Distance between the ends of veins N3 and N3'	150.770	13.350	
Distance between the ends of veins N4 and N4'	30.690	9.080	
Width of petiole sinus / Distance between points SP and SP'	6.140	2.710	
Length of vein N2	105.750	8.940	
Length of vein N2'	111.100	8.160	
Length of vein N3	80.010	8.570	
Length of vein N3'	81.840	5.940	

angles			
descriptor	value	standard deviation	
Angle between N1 and N2 measured at the first bifurcation	65.570	3.740	
Angle between N1 and N2' measured at the first bifurcation	66.450	4.500	
Angle between N2 and N3 measured at the first bifurcation	60.590	4.040	
Angle between N2 and N3' measured at the first bifurcation	60.590	7.090	
Angle between N3 and N4 at the first fork of N3	63.770	7.370	
Angle between N3' and N4'	63.690	6.930	
Angle between N1 and N2 measured at the ends of the veins	54.270	6.730	
Angle between N1' and N2' measured at the ends of the veins	51.050	5.790	
Angle between N2 and N3 measured at the ends of the veins	58.930	5.550	
Angle between N2' and N3' measured at the ends of the veins	57.760	4.030	
Angle between N3 and N4 measured at the ends of the veins	53.930	5.970	
Angle between N3' and N4' measured at the ends of the veins	55.120	3.870	
Angle of opening of the petiole sinus measured at SP and at SP'	12.960	7.940	
Angle between D and D' with the center in N1	113.440	8.160	
Angle between S and S' with the center in N1	45.660	8.810	
Angle between I and I' with the center in N1	47.410	4.140	

ratios			
descriptor	value	standard deviation	
Media of the base of the teeth of the left side	9.550	1.750	
Media height of the teeth of the left side	6.160	1.020	
Media of the base of the teeth of the right side	9.310	2.000	
Media height of the teeth of the right side	6.030	0.600	
Ratio between the height and the base of the tooth at the end of the vein N4'	0.640	0.090	
Ratio between the height and the base of the tooth at the end of the vein N4	0.620	0.200	
Ratio between the height and the base of the tooth at the end of the vein N2'	0.760	0.120	
Ratio between the height and the base of the tooth at the end of the vein N2	0.550	0.230	
Ratio between the height and the base of the teeth of the left side	0.650	0.060	
Ratio between the height and the base of the teeth of the right side	0.660	0.100	
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'	0.020	0.000	
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	0.020	0.000	
Ratio between the length of the vein N5' and the length of the vein N1	0.210	0.040	
Ratio between the length of the vein N5 and the length of the vein N1	0.190	0.050	
Ratio between the length of the vein N4' and the length of the vein N1	0.460	0.060	
Ratio between the length of the vein N4 and the length of the vein N1	0.430	0.030	
Ratio between the length of the vein N3' and the length of the vein N1	0.710	0.050	
Ratio between the length of the vein N3 and the length of the vein N1	0.690	0.050	
Ratio between length and width of the leaf	1.030	0.060	
Ratio between the length of the petiole OP and the length of the vein N1	1.080	0.070	
Ratio between the distance from the sinus and the length of the vein N2	0.510	0.080	
Ratio between the distance from the sinus and the length of the vein N2'	0.480	0.070	
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.680	0.110	
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.710	0.080	
Ratio between the length of the vein N2 and the length of the vein N1	0.910	0.060	
Ratio between the length of the vein N2' and the length of the vein N1	0.960	0.050	

bibliographies (6)

authors	year	title	journal	citation
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Nuvolone G.	1798	Sulla coltivazione delle viti e sul metodo migliore di fare e conservare i vini.		Calendario georgico della Società Agraria di Torino.
Pasqua M.	1993	Territorio e società ad Incisa in Valle Belbo fra basso medio evo ed età moderna.		Amm. Comunale, Ass. Pro loco Incisa Scapaccino.