

Lombardesca

D'Onofrio C., Matarese F., Fiorani F., Poli I., 2015. Corvara/Lombardesca nera. In: Italian Vitis Database, www.vitisdb.it, ISSN 2282-006X
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general information managed by

Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

acknowledgments

Unione Comuni di Garfagnana; Fondazione AGER (AGER Foundation)

botanical information

name
 Lombardesca
 type of origin
 spontanea
 specie
 Vitis vinifera
 variety group
 not available
 genera
 Vitis
 subspecies
 sativa
 variety for
 wine
 trueness to type
[confirmed by ampelography](#)
 code
 IVD-var_64

true-name

confirmed yes

related bibliography (1)

authors	year	title	journal	citation
D'Onofrio C., Fausto C., Matarese F., Materazzi A., Scalabrelli G., Fiorani F., Poli I., 2015		Genotyping of Grapevine Varieties from Garfagnana (Northern Tuscany): Evidence of a Historical Centre of Diversity	American Journal of Enology and Viticulture	Am. J. Enol. Vitic. 67: 120-126

registration

Registered in the National Catalogue

no

synonyms

documented synonyms (1)

synonyms documented by the Institution that appear with the eventual support of the literature

- [Corvara\(Garfagnana - LU\)](#)

main accession info

main accession
 Lombardesca n (Garf-GG)

creation submitter

Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

standardized accessions (2)

- Corvara n (Garf-GR) - Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa
- Lombardesca n (Garf-GG) - Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa

all accessions (2)

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released clones

no clone available for Lombardesca

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: 133 157 225 245 247 263 187 189 194 204 251 259 240 250 237 261 241 273

other Locus info available online

images



shoot



shootTipUs



shootTipLs



leaf



leafUs



leafLs



petiol sinus



bunch



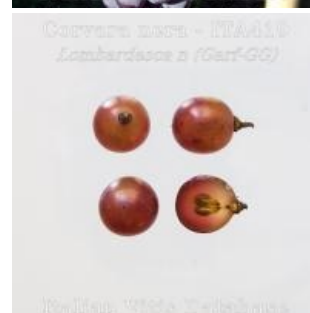
• berry



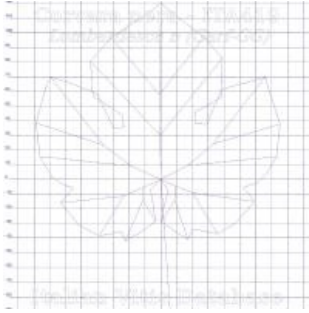
• seed

ampelography

OIV	description		value	images
001	Young shoot: opening of the shoot tip	5	fully open	<p>Corvara nera - ITA419 Lombardasca n (Garf-GG)</p> <p>Italian Vitis Database</p>
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	3	low	
004	Young Shoot: density of prostrate hairs on tip	7	high	
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 (4 th leaf)	3	bronze	
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	7	high	
067	Mature leaf: shape of blade	3	pentagonal	
068	Mature leaf: number of lobes	3	five	
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	3	up to the 1st bifurcation	
072	Mature leaf: goffering of blade	3 / 5	weak / medium	
074	Mature leaf: profile of blade in cross section	1	flat	
075	Mature leaf: blistering of upper side of blade	5	medium	
076	Mature leaf: shape of teeth	3	both sides convex	
079	Mature leaf: degree of opening / overlapping of petiole sinus	3 / 5	open / closed	
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	1	none	
084	Mature leaf: density of prostrate hairs between the main veins on lower side of blade	1 / 3	none or very low / low	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	5	medium	
094	Mature leaf: depth of upper lateral sinuses	5	medium	
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium	
152	Inflorescence: insertion of 1 st inflorescence	2	3rd and 4th node	
155	Shoot: fertility of basal buds (buds 1-3)	5	medium (1,1-1,3)	
202	Bunch: length (peduncle excluded)	5	medium	<p>Corvara nera - ITA419 Lombardasca n (Garf-GG)</p> <p>Italian Vitis Database</p>
204	Bunch: density	5 / 7	medium / dense	
206	Bunch: length of peduncle of primary bunch	3	short	
208	Bunch: shape	2	conical	
209	Bunch: number of wings of the primary bunch	2	1 - 2 wings	
220	Berry: length	5	medium	<p>Corvara nera - ITA419 Lombardasca n (Garf-GG)</p> <p>Italian Vitis Database</p>
221	Berry: width	3 / 5	narrow / medium	
223	Berry: shape	8	obovoid	
225	Berry: color of skin	3	red	
231	Berry: intensity of flesh anthocyanin coloration	3	weak	
235	Berry: firmness of flesh	3	very firm	
236	Berry: particularity of flavor	1	none	
241	Berry: formation of seeds	3	complete	



ampelometry



ampelometric leaf

OIV	PDF	description	value	value
601	PDF	Mature leaf: length of vein N1	5	medium (135 mm)
602	PDF	Mature leaf: length of vein N2	5	medium (105 mm)
603	PDF	Mature leaf: length of vein N3	3	short (55 mm)
604	PDF	Mature leaf: length of vein N4	7	long (45 mm)
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	7	large (56°-70°)
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 N4 measured at the first ramification	7	large (56°-70°)
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	9	very large (> 70°)
612	PDF	Mature leaf: length of tooth N2	1	short (6 mm)
613	PDF	Mature leaf: width of tooth N2	5	medium (14 mm)
614	PDF	Mature leaf: length of tooth N4	1	very short (6 mm)
615	PDF	Mature leaf: width of tooth N4	3	narrow (10 mm)
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	5	medium (46-55 mm)

superampelo

distances		value	standard deviation
Distance from the petiole sinus to the lower right sinus		52.700	8.200
Distance from the petiole sinus to the lower left sinus		56.300	9.100
Distance from the petiole sinus to the upper right sinus		43.900	5.500
Distance from the petiole sinus to the upper left sinus		42.700	5.100
Vein N3, length from the petiole sinus to vein N4		10.300	1.100
Vein N3', length from the petiole sinus to vein N4'		12.200	1.300
Length of vein N5		17.600	4.200
Length of vein N5'		16.500	4.400
Length of vein N4		37.900	5.800
Length of vein N4'		38.400	6.200
Distance between petiole point and end of vein N4		44.900	5.900
Distance between petiole point and end of vein N4'		47.600	6.500
Leaf width		141.400	11.600
Leaf length		164.500	15.400
Petiole length		92.700	11.200
Leaf length including the petiole		213.100	20.400
Distance between the ends of veins N2 and N2'		135.700	13.800
Length of vein N1		120.500	11.100
Distance between the ends of veins N4 and N4'		40.000	10.700
Distance between the ends of veins N3 and N3'		122.800	14.200
Length of vein N2		96.300	8.200
Width of petiole sinus / Distance between points SP and SP'		-6.300	8.500
Length of vein N3		61.600	8.500
Length of vein N2'		99.000	9.600
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2		47.600	8.100
Length of vein N3'		66.000	8.400
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'		47.000	10.600

angles		value	standard deviation
Angle between N1 and N2 measured at the first bifurcation		61.800	3.800
Angle between N2 and N3 measured at the first bifurcation		54.800	8.500
Angle between N1 and N2' measured at the first bifurcation		63.200	4.900
Angle between N3 and N4 at the first fork of N3		69.500	7.700
Angle between N2 and N3' measured at the first bifurcation		52.400	3.500
Angle between N1 and N2 measured at the ends of the veins		43.400	5.500
Angle between N3' and N4'		62.100	7.200
Angle between N2 and N3 measured at the ends of the veins		61.100	5.400
Angle between N1' and N2' measured at the ends of the veins		45.000	6.000
Angle between N3 and N4 measured at the ends of the veins		52.700	5.300
Angle between N2' and N3' measured at the ends of the veins		59.200	7.100
Angle of opening of the petiole sinus measured at SP and at SP'		27.000	17.700
Angle between N3' and N4' measured at the ends of the veins		47.600	6.000
Angle between S and S' with the center in N1		30.500	2.600
Angle between D and D' with the center in N1		93.700	6.900
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip		74.600	8.500
Angle between I and I' with the center in N1		46.100	4.600
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip		69.000	10.900

ratios		value	standard deviation
Media of the base of the teeth of the left side		6.266	1.069
Media of the base of the teeth of the right side		5.286	1.188
Media height of the teeth of the left side		5.160	0.920
Ratio between the height and the base of the tooth at the end of the vein N4'		0.534	0.106
Media height of the teeth of the right side		4.310	0.920
Ratio between the height and the base of the tooth at the end of the vein N2'		0.486	0.208
Ratio between the height and the base of the tooth at the end of the vein N4		0.565	0.102
Ratio between the height and the base of the teeth of the left side		0.858	0.267
Ratio between the height and the base of the tooth at the end of the vein N2		0.497	0.133
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'		0.021	0.003
Ratio between the height and the base of the teeth of the right side		0.881	0.366
Ratio between the length of the vein N5' and the length of the vein N1		0.136	0.030
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		0.022	0.004
Ratio between the length of the vein N4' and the length of the vein N1		0.318	0.036
Ratio between the length of the vein N5 and the length of the vein N1		0.146	0.028
Ratio between the length of the vein N3' and the length of the vein N1		0.548	0.040
Ratio between the length of the vein N4 and the length of the vein N1		0.314	0.035
Ratio between the length of the vein N2' and the length of the vein N1		0.822	0.044
Ratio between the length of the vein N3 and the length of the vein N1		0.512	0.058
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'		0.851	0.080
Ratio between the length of the vein N2 and the length of the vein N1		0.802	0.058
Ratio between the distance from the sinus and the length of the vein N2'		0.434	0.058
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3		0.855	0.055
Multiplication between length and width of the leaf		23395.000	4026.000
Ratio between the length of the petiole OP and the length of the vein N1		0.770	0.070

Ratio between length and width of the leaf	1.164	0.067
Ratio between the distance from the sinus and the length of the vein N2	0.456	0.050

bibliographies (2)

authors	year	title	journal	citation
Basso M.	1992	Contributo alla conoscenza del patrimonio genetico-viticolo toscano. Province di Pisa, Lucca e Massa Carrara.		Proceedings of "Germoplasma frutticolo, salvaguardia e valorizzazione delle risorse genetiche" meeting, Alghero (Italy), 21-25 September 1992, 505-512.
D'Onofrio C., Fausto C., Matarese F., Materazzi A., Scalabrelli G., Fiorani F., Poli I.	2015	Genotyping of Grapevine Varieties from Garfagnana (Northern Tuscany): Evidence of a Historical Centre of Diversity	American Journal of Enology and Viticulture	Am. J. Enol. Vitic. 67: 120-126