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Teroldego (483)

D'Onofrio C., Scalabrelli G., 2015. Teroldego n (483), var Teroldego. In: Italian Vitis Database, www.vitisdb.it, ISSN 2282-006X

release 15/07/2015, **Last update** 15/07/2015 **url** http://vitisdb.it/accessions/show/16552

Information managed by

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

Acknowledgments

Fondazione AGER (AGER Fundation)

General information

name Teroldego (483)
code ITA419-col_9
country of selection Italia
region of selection not available
province of selection not available
locality of selection not available
holding institution Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa
collection vineyard Colignola (DiSAAA-a) - San Giuliano Terme (PI)

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Teroldego
variety code IVD-var_332
clone not available
trueness to type confirmed by ampelography and SSR-markers

Trueness to type

True-name

confirmed **yes**

related bibliography (1)

authors	year	title	journal	citation
Cosmo I., Polsinelli M.,	1969	Teroldego		Principali vitigni da vino coltivati in Italia. Volume I. Ministero dell'Agricoltura e delle Foreste

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

related bibliography (1)

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Cosmo I., Polsinelli M.,	1969	Teroldego		Principali vitigni da vino coltivati in Italia. Volume I. Ministero dell'Agricoltura e delle Foreste

Trueness to type confirmed by SSR-markers

confirmation by SSR-markers **confirmed**

compared loci **9**

identical loci **9**

discrepancies n.a.

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:	137	155	225	227	239	247	179	185	194	194	243	255	240	242	231	239	241	263

other Locus info available online

Images

shoot

shootTipUs

shootTipLs

leaf

leafUs

leafLs

petiol sinus

bunch

berry

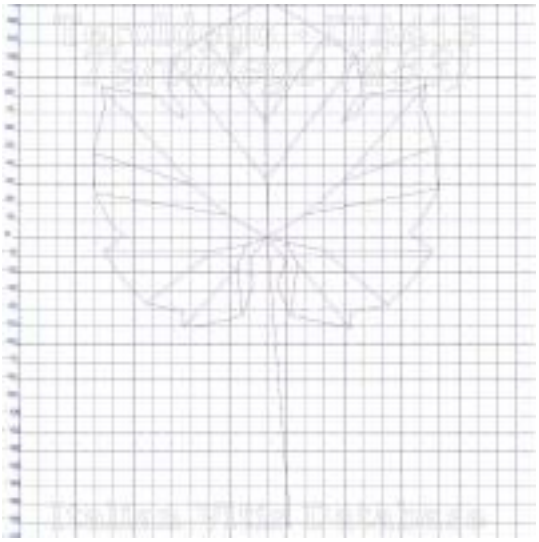
seed

Ampelography

OIV	description	value		images
001	Young shoot: opening of the shoot tip	5	fully open	
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	5	medium	
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	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)	4	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	1	cordate	
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	5	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	2	both sides straight	
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 / 9	none / present	
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	3	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	3	shallow	
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 / 7	medium (1,1-1,3) / high (1,5-1,7)	
202	Bunch: length (peduncle excluded)	5	medium	
204	Bunch: density	7	dense	
206	Bunch: length of peduncle of primary bunch	1	very short	
208	Bunch: shape	1	cylindrical	
209	Bunch: number of wings of the primary bunch	1	absent	
220	Berry: length	3	short	
221	Berry: width	3	narrow	
223	Berry: shape	8	obovoid	
225	Berry: color of skin	6	blue black	
231	Berry: intensity of flesh anthocyanin coloration	5	medium	
235	Berry: firmness of flesh	1	soft	
236	Berry: particularity of flavor	1	none	
241	Berry: formation of seeds	3	complete	

Ampelometry



OIV

OIV	PDF	description	value	
601	PDF	Mature leaf: length of vein N1	5	medium (135 mm)
602	PDF	Mature leaf: length of vein N2	7	long (125 mm)
603	PDF	Mature leaf: length of vein N3	7	long (95 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	5	medium (70 mm)
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	7	long (75 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 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	1	very short (6 mm)
615	PDF	Mature leaf: width of tooth N4	5	medium (14 mm)
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	7	long (56-70 mm)

Superampelo

distances		
descriptor	value	standard deviation
Distance from the petiole sinus to the lower right sinus	74.900	13.600
Distance from the petiole sinus to the lower left sinus	75.700	12.800
Distance from the petiole sinus to the upper right sinus	76.100	10.000
Distance from the petiole sinus to the upper left sinus	80.900	17.200
Vein N3, length from the petiole sinus to vein N4	11.100	4.900
Vein N3', length from the petiole sinus to vein N4'	11.700	4.300
Length of vein N5	30.000	4.200
Length of vein N5'	28.300	8.800
Length of vein N4	58.600	6.800
Length of vein N4'	57.500	8.600
Distance between petiole point and end of vein N4	67.200	10.800
Distance between petiole point and end of vein N4'	67.300	11.400
Leaf width	180.700	24.900
Leaf length	194.400	27.100
Petiole length	164.700	20.900
Leaf length Including the petiole	304.100	38.700
Distance between the ends of veins N2 and N2'	170.000	26.100
Length of vein N1	139.400	19.300
Distance between the ends of veins N4 and N4'	87.200	21.600
Distance between the ends of veins N3 and N3'	172.400	25.200
Length of vein N2	120.000	13.800
Width of petiole sinus / Distance between points SP and SP'	-13.800	6.800
Length of vein N3	87.400	13.300
Length of vein N2'	122.000	16.500
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	59.900	18.000
Length of vein N3'	86.200	13.600
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	60.600	10.300

angles		
descriptor	value	standard deviation
Angle between N1 and N2 measured at the first bifurcation	57.100	3.000
Angle between N2 and N3 measured at the first bifurcation	46.700	6.300
Angle between N1 and N2' measured at the first bifurcation	57.200	4.800
Angle between N3 and N4 at the first fork of N3	55.100	6.300
Angle between N2 and N3' measured at the first bifurcation	49.900	4.700
Angle between N1 and N2 measured at the ends of the veins	43.700	6.900
Angle between N3' and N4'	55.600	5.800
Angle between N2 and N3 measured at the ends of the veins	50.600	5.900
Angle between N1' and N2' measured at the ends of the veins	45.500	4.700
Angle between N3 and N4 measured at the ends of the veins	45.100	4.800
Angle between N2' and N3' measured at the ends of the veins	49.900	4.400
Angle of opening of the petiole sinus measured at SP and at SP'	26.000	12.800
Angle between N3' and N4' measured at the ends of the veins	44.400	5.300
Angle between S and S' with the center in N1	63.100	21.500
Angle between D and D' with the center in N1	103.300	11.900
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	70.700	7.000
Angle between I and I' with the center in N1	57.400	6.000
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	69.000	8.600

rations		
descriptor	value	standard deviation
Media of the base of the teeth of the left side	6.621	1.648
Media of the base of the teeth of the right side	5.084	1.160
Media height of the teeth of the left side	4.870	0.444
Ratio between the height and the base of the tooth at the end of the vein N4'	0.516	0.063
Media height of the teeth of the right side	4.539	0.444
Ratio between the height and the base of the tooth at the end of the vein N2'	0.816	0.360
Ratio between the height and the base of the tooth at the end of the vein N4	0.578	0.056
Ratio between the height and the base of the teeth of the left side	0.773	0.183
Ratio between the height and the base of the tooth at the end of the vein N2	0.854	0.309
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'	0.012	0.003
Ratio between the height and the base of the teeth of the right side	0.927	0.275
Ratio between the length of the vein N5' and the length of the vein N1	0.202	0.047
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	0.012	0.001
Ratio between the length of the vein N4' and the length of the vein N1	0.413	0.032
Ratio between the length of the vein N5 and the length of the vein N1	0.217	0.032
Ratio between the length of the vein N3' and the length of the vein N1	0.618	0.026
Ratio between the length of the vein N4 and the length of the vein N1	0.422	0.032
Ratio between the length of the vein N2' and the length of the vein N1	0.875	0.022
Ratio between the length of the vein N3 and the length of the vein N1	0.628	0.055
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.878	0.046
Ratio between the length of the vein N2 and the length of the vein N1	0.864	0.050
Ratio between the distance from the sinus and the length of the vein N2'	0.672	0.159
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.857	0.088
Multiplication between length and width of the leaf	35704.000	9997.000
Ratio between the length of the petiole OP and the length of the vein N1	1.185	0.084
Ratio between length and width of the leaf	1.077	0.037
Ratio between the distance from the sinus and the length of the vein N2	0.647	0.147