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Bianco d'Alessano

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

General information

name Bianco d'Alessano
code ITA428-Bianco d'Alessano (selez. massale)
country of selection Italia
region of selection Puglia
province of selection Taranto
locality of selection Martina Franca
holding institution Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
collection vineyard Vigneti Carparelli, Martina Franca (TA)

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Bianco d'Alessano
variety code IVD-var_30
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
Carparelli P., Moretti G., Tarricone L., Gardiman M.	2006	Rivalutazione enologica del Bianco di Alessano. Atti informatici Convegno Nazionale “I vitigni autoctoni minori: aspetti tecnici, normativi e commerciali”		Torino (Villa Gualino), 30 novembre-1 dicembre 2006

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

related bibliography (1)

authors	year	title	journal	citation
Del Gaudio S., Nico G.	1960	Bianco d'Alessano		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**

related bibliography (1)

authors	year	title	journal	citation
IVV-CNR Grugliasco (Torino)	2012	Bianco d'Alessano		Database profili genetici

compared loci **9**

identical loci **9**

discrepancies n.a.

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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:	143	145	231	231	239	253	181	185	188	200	243	259	242	256	239	249	259	273

other Locus info available online

Images

shoot

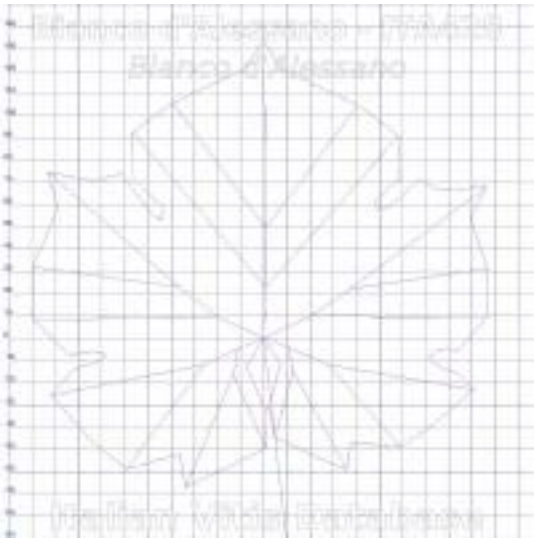
leaf

bunch

Ampelography

OIV	description	value		images
001	Young shoot: opening of the shoot tip	1	closed	
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	7	high	
004	Young Shoot: density of prostrate hairs on tip	7	high	
006	Shoot: attitude (before tying)	5	horizontal	
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)	2 / 3	yellow / 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	2 / 4	wedge-shaped / circular	
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	4	up to the 2nd bifurcation	
075	Mature leaf: blistering of upper side of blade	3	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	5 / 7	closed / overlapped	
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	5 / 7	medium / high	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	3 / 5	low / medium	
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	
155	Shoot: fertility of basal buds (buds 1-3)	5 / 9	medium (1,1-1,3) / very high (>1,9)	
202	Bunch: length (peduncle excluded)	5	medium	
204	Bunch: density	7 / 9	dense / very dense	
206	Bunch: length of peduncle of primary bunch	1 / 3	very short / short	
208	Bunch: shape	1	cylindrical	
209	Bunch: number of wings of the primary bunch	2	1 - 2 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	1	none	
241	Berry: formation of seeds	3	complete	

Ampelometry



ampelometric leaf

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	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	5	medium (14 mm)
613	PDF	Mature leaf: width of tooth N2	7	wide (18 mm)
614	PDF	Mature leaf: length of tooth N4	3	short (10 mm)
615	PDF	Mature leaf: width of tooth N4	7	wide (18 mm)

Superampelo

distances		
descriptor	value	standard deviation
Height of the tooth on the end of N4	9.717	1.727
Height of the tooth on the end of N4'	12.200	0.803
Height of the tooth on the end of N2	14.900	2.023
Altezza del dente posto all'estremità di N2'	16.117	4.570
Base of the tooth located at the end of N4'	17.550	2.100
Base of the tooth located at the end of N2	17.767	1.839
Distance from the petiole sinus to the lower left sinus	69.033	10.131
Base of the tooth located at the end of N4	15.550	1.634
Base of the tooth located at the end of N2'	19.800	3.203
Distance from the petiole sinus to the upper right sinus	75.667	11.783
Vein N3', length from the petiole sinus to vein N4'	12.133	3.184
Distance from the petiole sinus to the lower right sinus	72.183	6.744
Distance from the petiole sinus to the upper left sinus	69.100	11.469
Length of vein N5	31.033	4.868
Length of vein N4'	67.067	2.781
Vein N3, length from the petiole sinus to vein N4	11.717	2.328
Length of vein N5'	36.450	4.598
Distance between petiole point and end of vein N4	69.633	4.890
Leaf length	203.167	11.119
Length of vein N4	60.617	5.076
Distance between petiole point and end of vein N4'	75.833	3.754
Petiole length	97.600	8.553
Length of vein N1	134.450	9.159
Leaf width	194.883	14.232
Leaf length Including the petiole	232.067	12.396
Distance between the ends of veins N4 and N4'	71.000	8.636
Width of petiole sinus / Distance between points SP and SP'	-9.833	5.429
Distance between the ends of veins N2 and N2'	190.033	18.093
Distance between the ends of veins N3 and N3'	183.267	11.777
Length of vein N3	94.133	8.824
Length of vein N3'	96.133	5.701
Length of vein N2	118.067	10.224
Length of vein N2'	120.617	9.430
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	66.617	12.884
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	62.617	17.795

angles		
descriptor	value	standard deviation
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	68.817	9.033
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	75.133	4.505
Angle between S and S' with the center in N1	61.567	13.706
Angle between I and I' with the center in N1	52.350	4.793
Sum of the angles alpha' + beta'	113.050	11.792
Sum of the angles alpha + beta	109.683	2.817
Sum of the angles alpha' + beta' + gamma'	167.883	18.119
Sum of the angles alpha + beta + gamma	166.033	8.363
Angle between N1 and N2 measured at the first bifurcation	61.983	4.551
Angle between N1 and N2' measured at the first bifurcation	66.333	6.296
Angle between N3 and N4 at the first fork of N3	56.367	6.612
Angle between N3' and N4'	54.833	7.166
Angle between N2 and N3 measured at the first bifurcation	47.683	4.818
Angle between N2 and N3' measured at the first bifurcation	46.683	9.925
Angle between N2 and N3 measured at the ends of the veins	49.833	7.944
Angle between N2' and N3' measured at the ends of the veins	54.150	5.080
Angle between N1 and N2 measured at the ends of the veins	54.683	3.673
Angle between N1' and N2' measured at the ends of the veins	51.300	8.313
Angle of opening of the petiole sinus measured at SP and at SP'	12.433	11.063
Angle between D and D' with the center in N1	106.983	4.688
Angle between N3 and N4 measured at the ends of the veins	44.033	5.411
Angle between N3' and N4' measured at the ends of the veins	47.583	2.929

rations		
descriptor	value	standard deviation
Media of the base of the teeth of the right side	19.607	2.490
Media height of the teeth of the right side	16.321	1.081
Media of the base of the teeth of the left side	20.993	2.368
Media height of the teeth of the left side	18.950	0.902
Ratio between the height and the base of the tooth at the end of the vein N2'	0.813	0.178
Ratio between the height and the base of the tooth at the end of the vein N2	0.838	0.083
Ratio between the height and the base of the tooth at the end of the vein N4'	0.703	0.090
Ratio between the height and the base of the tooth at the end of the vein N4	0.632	0.148
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'	0.015	0.003
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	0.013	0.001
Ratio between the height and the base of the teeth of the left side	0.911	0.104
Ratio between the height and the base of the teeth of the right side	0.839	0.074
Ratio between the length of the vein N4' and the length of the vein N1	0.501	0.044
Ratio between the length of the vein N4 and the length of the vein N1	0.452	0.036
Ratio between the length of the vein N5' and the length of the vein N1	0.273	0.043
Ratio between the length of the vein N5 and the length of the vein N1	0.230	0.028
Ratio between the length of the vein N2' and the length of the vein N1	0.898	0.050
Ratio between the length of the vein N2 and the length of the vein N1	0.878	0.038
Ratio between the length of the vein N3' and the length of the vein N1	0.718	0.072
Ratio between the length of the vein N3 and the length of the vein N1	0.701	0.053
Ratio between the distance from the sinus and the length of the vein N2'	0.579	0.126
Ratio between the distance from the sinus and the length of the vein N2	0.641	0.084
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.721	0.114
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.770	0.076
Multiplication between length and width of the leaf	39719.530	5191.878
Ratio between the length of the petiole OP and the length of the vein N1	0.729	0.080
Ratio between length and width of the leaf	1.044	0.025