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Zibibbo Bianco A

Ansaldi G., Barbagallo M. G., Brancadoro L., De Lorenzis G., Di Lorenzo R., Falco V., Fici G., Gagliano F., Marino G., Monteleone G., Pisciotta A., Scienza A., 2015. Zibibbo Bianco (Biotipo A). in: Italian Vitis Datababase, www.vitisdb.it. ISSN 2282-006X

release 16/07/2015, **Last update** 18/01/2016 **url** http://vitisdb.it/accessions/show/16140

Information managed by

Regione Siciliana **-** Assessorato delle Risorse Agricole e Alimentari - Dip. Interventi Infrastrutturali per l'Agricoltura - Centro per l'Innovazione della Filiera Vitivinicola UOS Marsala
Dipartimento di Scienze Agrarie ed Ambientali - Università degli Studi di Milano
Dipartimento di Scienze Agrarie e Forestali - Università degli Studi di Palermo

Acknowledgments

Regione Sicilia, Ager Foundation

General information

name Zibibbo Bianco A
code ITA430-98/5
country of selection Italia
region of selection Sicilia
province of selection not available
locality of selection not available
holding institution Regione Siciliana **-** Assessorato delle Risorse Agricole e Alimentari - Dip. Interventi Infrastrutturali per l'Agricoltura - Centro per l'Innovazione della Filiera Vitivinicola UOS Marsala
collection vineyard Biesina-Marsala

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Zibibbo
variety code IVD-var_350
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
Ansaldi G., Cartabellotta D., Falco V., Gagliano F., Scienza A.	2014	Identità e ricchezza del Vigneto Sicilia		REGIONE SICILIANA Assessorato Regionale dell'Agricoltura, dello Sviluppo Rurale e della Pesca Mediterranea

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

related bibliography (1)

authors	year	title	journal	citation
Cosmo I., Calò A., Egger E.	1975	Zibibbo		in Principali Vitigni da Tavola Coltivati in Italia, ISV di Conegliano Veneto- 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
De Lorenzis G., Las Casas G., Brancadoro L., Scienza A.	2014	Genotyping of Sicilian grapevine germplasm resources (V. vinifera L.) and their relationships with Sangiovese	Scientia Horticulturae	169: 189–198

compared loci n.a.

identical loci n.a.

discrepancies n.a.

Standardized microsatellite profile

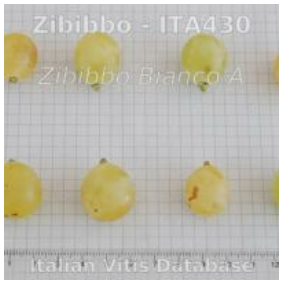
loci:	predefined loci (9)																	
SSR locus:	VVS2		VVMD5		VVMD7		VVMD27		VrZAG62		VrZAG79		VVMD25		VVMD28		VVMD32	
allele:	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2
size:	133	150	227	231	249	251	179	194	186	204	247	255	250	250	247	271	265	273

Images

shoot

leaf

bunch

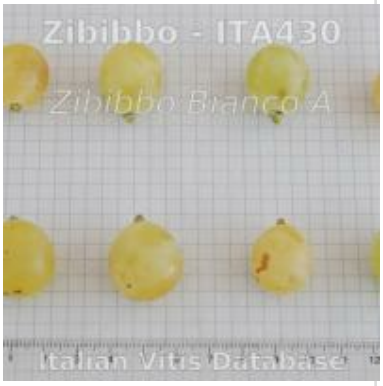


berry

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	1	none or very 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 (⊘ 2)	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	
065	Mature leaf: size of blade	5	medium	
067	Mature leaf: shape of blade	3 (⊘ 4)	pentagonal	
068	Mature leaf: number of lobes	3 (⊘ 2)	five	
069	Mature leaf: color of the upper side of blade	3	pale green	
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	1	absent or very weak	

074	Mature leaf: profile of blade in cross section	3 / 2	involute / V-shaped	
075	Mature leaf: blistering of upper side of blade	1	absent or very weak	
076	Mature leaf: shape of teeth	2 / 3 (⊘ 4)	both sides straight / both sides convex	
079	Mature leaf: degree of opening / overlapping of petiole sinus	3 / 5 (⊘ 7)	open / closed	
080	Mature leaf: shape of base of petiole sinus	1 / 3 (⊘ 2)	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	
083-1	Mature leaf: shape of base of upper lateral sinuses	1 / 3	U-shaped / V-shaped	
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	none or very low	
093	Mature leaf: length of petiole compared to length of middle vein	9	much longer	
094	Mature leaf: depth of upper lateral sinuses	5 (⊘ 3)	medium	
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium	
202	Bunch: length (peduncle excluded)	5	medium	
204	Bunch: density	3	loose	
208	Bunch: shape	1	cylindrical	
209	Bunch: number of wings of the primary bunch	2	1 - 2 wings	
220	Berry: length	5 / 7	medium / long	
221	Berry: width	7	wide	
223	Berry: shape	3	broad ellipsoid	
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	

Ampelographic note

Il biotipo A è caratterizzato da un colore giallo dell'acino, da un grappolo spargolo e da un colore verde chiaro della foglia adulta.

Ampelometry

OIV

OIV	PDF	description	value	
601	PDF	Mature leaf: length of vein N1	(⊘ 109.37)	
602	PDF	Mature leaf: length of vein N2	(⊘ 99.85)	
603	PDF	Mature leaf: length of vein N3	(⊘ 75.44)	
604	PDF	Mature leaf: length of vein N4	(⊘ 49.59)	
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	(⊘ 46.73)	
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	(⊘ 50.48)	
607	PDF	Mature leaf: angle between N1 and N2 measured at the first ramification	(⊘ 56.20)	
608	PDF	Mature leaf: angle between N2 and N3 measured at the first ramification	(⊘ 50.40)	
609	PDF	Mature leaf: angle between N3 and N41) measured at the first ramification	(⊘ 56.10)	
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	(⊘ 69.89)	
611	PDF	Mature leaf: length of vein N5	(⊘ 24.94)	
612	PDF	Mature leaf: length of tooth N2	(⊘ 10.77)	
613	PDF	Mature leaf: width of tooth N2	(⊘ 11.32)	
614	PDF	Mature leaf: length of tooth N4	(⊘ 9.14)	
615	PDF	Mature leaf: width of tooth N4	(⊘ 10.56)	
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	(⊘ 51.38)	
618	PDF	Mature leaf: opening/overlapping of petiole sinus	(⊘ -14.68)	

Superampelo

distances		
descriptor	value	standard deviation
Length of vein N4	49.380	5.760
Distance between petiole point and end of vein N4'	57.320	8.510
Distance between petiole point and end of vein N4	56.630	5.240
Leaf length	160.110	18.230
Leaf width	154.960	16.540
Leaf length Including the petiole	241.020	39.130
Petiole length	131.640	31.490
Length of vein N1	109.370	11.300
Distance between the ends of veins N2 and N2'	149.950	18.420
Distance between the ends of veins N3 and N3'	148.270	17.530
Distance between the ends of veins N4 and N4'	66.310	18.800
Width of petiole sinus / Distance between points SP and SP'	-14.680	9.120
Length of vein N2	98.940	11.210
Length of vein N2'	100.750	13.250
Length of vein N3	73.390	8.320
Length of vein N3'	77.480	11.230
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	51.610	9.940
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	51.150	13.650
Distance from the petiole sinus to the lower left sinus	50.880	7.940
Distance from the petiole sinus to the lower right sinus	50.070	8.550
Distance from the petiole sinus to the upper left sinus	44.830	11.150
Distance from the petiole sinus to the upper right sinus	48.620	12.890
Vein N3', length from the petiole sinus to vein N4'	9.980	2.830
Vein N3, length from the petiole sinus to vein N4	9.680	1.980
Length of vein N5'	25.370	6.250
Length of vein N5	24.510	4.300
Length of vein N4'	49.790	7.760

angles		
descriptor	value	standard deviation
Angle between N1 and N2 measured at the first bifurcation	54.960	6.060
Angle between N1 and N2' measured at the first bifurcation	57.440	6.740
Angle between N2 and N3 measured at the first bifurcation	49.670	6.770
Angle between N2 and N3' measured at the first bifurcation	51.120	5.390
Angle between N3 and N4 at the first fork of N3	55.910	7.200
Angle between N3' and N4'	56.290	8.430
Angle between N1 and N2 measured at the ends of the veins	48.930	6.770
Angle between N1' and N2' measured at the ends of the veins	48.770	6.980
Angle between N2 and N3 measured at the ends of the veins	47.930	7.410
Angle between N2' and N3' measured at the ends of the veins	50.970	6.760
Angle between N3 and N4 measured at the ends of the veins	45.920	7.290
Angle between N3' and N4' measured at the ends of the veins	45.460	6.120
Angle of opening of the petiole sinus measured at SP and at SP'	32.930	25.620
Angle between D and D' with the center in N1	99.590	10.460
Angle between S and S' with the center in N1	39.930	10.330
Angle between I and I' with the center in N1	49.670	7.720
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	68.110	11.300
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	65.360	6.730

rations		
descriptor	value	standard deviation
Ratio between length and width of the leaf	1.040	0.070
Ratio between the length of the petiole OP and the length of the vein N1	1.200	0.250
Ratio between the distance from the sinus and the length of the vein N2	0.490	0.120
Ratio between the distance from the sinus and the length of the vein N2'	0.450	0.110
Media of the base of the teeth of the left side	11.360	2.870
Media height of the teeth of the left side	10.250	2.690
Media of the base of the teeth of the right side	10.510	2.490
Media height of the teeth of the right side	9.660	2.240
Ratio between the height and the base of the tooth at the end of the vein N4'	0.880	0.130
Ratio between the height and the base of the tooth at the end of the vein N4	0.950	0.200
Ratio between the height and the base of the tooth at the end of the vein N2'	1.000	0.200
Ratio between the height and the base of the tooth at the end of the vein N2	0.930	0.290
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	0.010
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	0.230	0.050
Ratio between the length of the vein N5 and the length of the vein N1	0.230	0.040
Ratio between the length of the vein N4' and the length of the vein N1	0.450	0.040
Ratio between the length of the vein N4 and the length of the vein N1	0.450	0.050
Ratio between the length of the vein N3' and the length of the vein N1	0.710	0.070
Ratio between the length of the vein N3 and the length of the vein N1	0.670	0.070
Ratio between the length of the vein N2' and the length of the vein N1	0.920	0.070
Ratio between the length of the vein N2 and the length of the vein N1	0.910	0.080
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.670	0.120
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.690	0.140