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Zibibbo Bianco

de Palma L., Biscotti G., De Michele M., del Viscio G., Sacco L., Tomaiuolo A., Limosani P., 2014. Zibibbo Bianco. In: Italian Vitis Database, http://it.grapedb.org ISSN 2282-006X.

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General information

name Zibibbo Bianco
code ITA428-VG6
country of selection Italia
region of selection Puglia
province of selection Foggia
locality of selection Vico del Gargano
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collection vineyard Az. F.lli Biscotti Vico del Gargano (FG)

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Regina
variety code IVD-var_458
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
Ministero delle Politiche Agricole e Forestali.	s.d.	Registro Nazionale delle Varietà di Vite.		http://catalogoviti.politicheagricole.it/

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

Trueness to type confirmed by SSR-markers

confirmation by SSR-markers **confirmed**

related bibliography (1)

authors	year	title	journal	citation
A.A.V.V.	2011	European Vitis database		http://www.eu-vitis.de/index.php

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:	133	135	225	231	239	249	185	185	186	188	243	251	250	256	237	261	259	273

other Locus info available online

Images

shoot

leafUs

leafLs

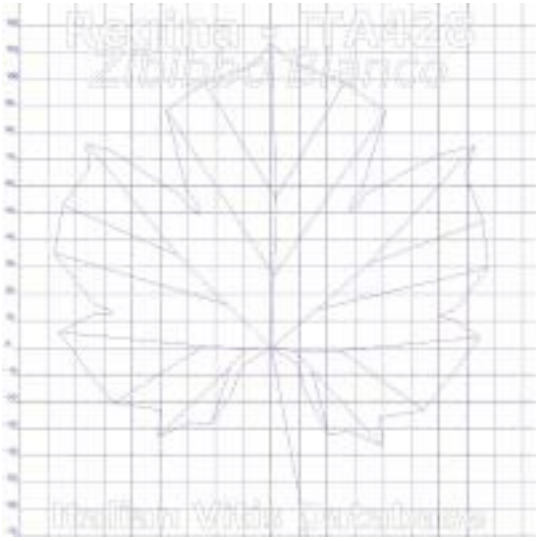
bunch

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 / 3	none or very low / low	
004	Young Shoot: density of prostrate hairs on tip	1 / 3	none or very low / low	
006	Shoot: attitude (before tying)	1 / 3	erect / semi-erect	
007	Shoot: color of dorsal side of internodes	1 / 2	green / 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)	1 / 3	green / bronze	
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	1	none or very low	
067	Mature leaf: shape of blade	2 / 3	wedge-shaped / 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	only at the petiolar point	
075	Mature leaf: blistering of upper side of blade	1	absent or very 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	3	open	
080	Mature leaf: shape of base of petiole sinus	1	U-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	none or very low	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	1	none or very low	
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium	
153	Inflorescence: number of inflorescences per shoot	1 / 2	up to 1 inflorescence / 1,1 to 2 inflorescences	
155	Shoot: fertility of basal buds (buds 1-3)	5	medium (1,1-1,3)	
202	Bunch: length (peduncle excluded)	7	long	
204	Bunch: density	5 / 7	medium / dense	
206	Bunch: length of peduncle of primary bunch	7	long	
208	Bunch: shape	1 / 3	cylindrical / funnel shaped	
209	Bunch: number of wings of the primary bunch	2	1 - 2 wings	
220	Berry: length	7 / 9	long / very long	

221	Berry: width	7	wide
223	Berry: shape	5 / 6	cylindric / obtuse ovoid
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	3	short (105 mm)
602	PDF	Mature leaf: length of vein N2	5	medium (105 mm)
603	PDF	Mature leaf: length of vein N3	5	medium (75 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	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	5	medium (46°-55°)
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	5	medium (14 mm)
614	PDF	Mature leaf: length of tooth N4	3	short (10 mm)
615	PDF	Mature leaf: width of tooth N4	5	medium (14 mm)
616	PDF	Mature leaf: number of teeth between the tooth tip of N2 and the tooth tip of the first secondary vein of N2 including the limits	1	very small (uo to about3)

Superampelo

distances		
descriptor	value	standard deviation
Base of the tooth located at the end of N4'	11.791	1.751
Base of the tooth located at the end of N2	13.218	2.449
Distance from the petiole sinus to the lower left sinus	57.718	6.115
Base of the tooth located at the end of N4	13.100	2.786
Base of the tooth located at the end of N2'	11.309	2.484
Distance from the petiole sinus to the upper right sinus	56.127	13.378
Vein N3', length from the petiole sinus to vein N4'	8.991	1.508
Distance from the petiole sinus to the lower right sinus	61.200	8.659
Distance from the petiole sinus to the upper left sinus	56.591	12.287
Length of vein N5	25.973	5.097
Length of vein N4'	46.827	6.831
Vein N3, length from the petiole sinus to vein N4	8.527	1.590
Length of vein N5'	23.109	6.296
Distance between petiole point and end of vein N4	55.973	6.515
Leaf length	158.936	21.407
Length of vein N4	49.645	6.926
Distance between petiole point and end of vein N4'	53.436	7.557
Petiole length	76.227	11.022
Length of vein N1	117.864	14.374
Leaf width	157.218	17.338
Leaf length Including the petiole	194.091	20.376
Distance between the ends of veins N4 and N4'	79.309	10.014
Width of petiole sinus / Distance between points SP and SP'	-23.673	7.413
Distance between the ends of veins N2 and N2'	144.209	20.870
Distance between the ends of veins N3 and N3'	154.391	17.402
Length of vein N3	77.827	9.790
Length of vein N3'	77.009	9.359
Length of vein N2	109.009	12.503
Length of vein N2'	104.743	11.639
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	53.991	10.144
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	48.045	13.010
Height of the tooth on the end of N4	10.764	2.560
Height of the tooth on the end of N4'	8.991	2.493
Height of the tooth on the end of N2	11.073	3.556
Altezza del dente posto all'estremità di N2'	9.109	3.139

angles		
descriptor	value	standard deviation
Sum of the angles alpha' + beta'	93.064	8.174
Sum of the angles alpha + beta	94.527	6.709
Sum of the angles alpha' + beta' + gamma'	146.700	10.551
Sum of the angles alpha + beta + gamma	145.591	9.271
Angle between N1 and N2 measured at the first bifurcation	47.364	2.706
Angle between N1 and N2' measured at the first bifurcation	46.891	5.130
Angle between N3 and N4 at the first fork of N3	51.045	4.866
Angle between N3' and N4'	53.645	4.779
Angle between N2 and N3 measured at the first bifurcation	47.173	7.528
Angle between N2 and N3' measured at the first bifurcation	46.200	5.867
Angle between N2 and N3 measured at the ends of the veins	44.891	5.395
Angle between N2' and N3' measured at the ends of the veins	45.573	4.874
Angle between N1 and N2 measured at the ends of the veins	44.109	5.101
Angle between N1' and N2' measured at the ends of the veins	40.609	5.991
Angle of opening of the petiole sinus measured at SP and at SP'	66.273	22.089
Angle between D and D' with the center in N1	110.846	9.614
Angle between N3 and N4 measured at the ends of the veins	46.418	5.294
Angle between N3' and N4' measured at the ends of the veins	44.464	5.187
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	62.591	7.475
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	60.145	7.060
Angle between S and S' with the center in N1	43.800	11.901
Angle between I and I' with the center in N1	57.727	5.796

rations		
descriptor	value	standard deviation
Media of the base of the teeth of the right side	2.101	0.706
Media height of the teeth of the right side	2.248	0.483
Media of the base of the teeth of the left side	1.965	0.653
Media height of the teeth of the left side	2.244	0.335
Ratio between the height and the base of the tooth at the end of the vein N2'	0.803	0.186
Ratio between the height and the base of the tooth at the end of the vein N2	0.843	0.246
Ratio between the height and the base of the tooth at the end of the vein N4'	0.772	0.213
Ratio between the height and the base of the tooth at the end of the vein N4	0.822	0.109
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'	0.014	0.002
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	0.014	0.002
Ratio between the height and the base of the teeth of the left side	1.240	0.491
Ratio between the height and the base of the teeth of the right side	1.141	0.374
Ratio between the length of the vein N4' and the length of the vein N1	0.397	0.031
Ratio between the length of the vein N4 and the length of the vein N1	0.422	0.039
Ratio between the length of the vein N5' and the length of the vein N1	0.194	0.036
Ratio between the length of the vein N5 and the length of the vein N1	0.220	0.028
Ratio between the length of the vein N2' and the length of the vein N1	0.891	0.053
Ratio between the length of the vein N2 and the length of the vein N1	0.927	0.050
Ratio between the length of the vein N3' and the length of the vein N1	0.656	0.065
Ratio between the length of the vein N3 and the length of the vein N1	0.662	0.052
Ratio between the distance from the sinus and the length of the vein N2'	0.541	0.109
Ratio between the distance from the sinus and the length of the vein N2	0.520	0.131
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.754	0.070
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.788	0.073
Multiplication between length and width of the leaf	25302.170	6193.581
Ratio between the length of the petiole OP and the length of the vein N1	0.653	0.110
Ratio between length and width of the leaf	1.010	0.052

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Phenology & production

OIV	description	value	
301	Time of bud burst	5	medium
303	Time of beginning of berry ripening (veraison)	3 / 5	early / medium
351	Vigor of shoot growth	5 / 7	medium (70-80 g) / strong (90-100 g)
502	Bunch: weight of a single bunch	3 / 5	low (250-350 g) / medium (450-550 g)
503	Berry: single berry weight	7	high (6,5-7,5 g)
504	Yield per m2	5	medium (1,4-1,6 kg)
505	Sugar content of must	7	high (20,2-21,8)
506	Total acid content of must	3	low (5,2-6,8)
508	must specific pH	5	medium (3,2-3,3)

Agronomic

fertility	value	standard deviation	number of years
Fertility of basal buds (bunch/bud)	1.400		2

production's quantitative characteristics	value	standard deviation	number of years
Bunch’s weight (g)	380.000		2
Weight of 100 berries (g)	700.000		2
Berry diameter (average of 25 berries) - width (mm)	21.650		2
Berry diameter (average of 25 berries) - height (mm)	26.710		2

production's qualitative characteristics	value	standard deviation	number of years
Skin total polyphenols (g/kg)	0.563		2
Seeds total polyphenols (g/kg)	0.574		2
pH (pH)	3.350		2
Titratable acidity of must (g/l)	3.900		2
Sugar content of must (°Brix)	19.720		2

Berry polyphenols

no polyphenolic descriptors available for Zibibbo Bianco

Berry aroma

no aroma descriptors available for Zibibbo Bianco

Other descr.

no other descriptors available for Zibibbo Bianco

Accessions of the same variety (2)

- Uva Bianca di Serdiana 2 - Agris Sardegna Servizio RFOOVE
- Zibibbo Bianco - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia