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Montonico Bianco

de Palma L., Novello V., Odoardi M., De Michele M., 2013. Montonico Bianco. In: Italian Vitis Database, www.vitisdb.it, ISSN 2282-006X

release 14/07/2015, **Last update** 14/07/2015 **url** http://vitisdb.it/accessions/show/16021

Information managed by

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

General information

name Montonico Bianco
code ITA428-AB11
country of selection Italia
region of selection Abruzzo
province of selection Chieti
locality of selection Casacanditella (CH)
holding institution Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
collection vineyard ex vigneto di confronto clonale ARSSA-Regione Abruzzo

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Montonico Bianco
variety code IVD-var_325
clone I - UBA - RA MT 32
trueness to type confirmed by ampelography and SSR-markers

Trueness to type

True-name

confirmed **yes**

related bibliography (1)

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

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

related bibliography (1)

authors	year	title	journal	citation
Odoardi M., Novello V., Savino V., de Palma L., La Notte P.F.,	2003	Nuove selezioni clonali di vitigni da vino abruzzesi.		Regione Abruzzo-ARSSA, Grafiche di Prinzio, Guardiagrele (CH). pp38

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.

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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	249	179	185	188	200	251	251	242	256	249	251	251	253

other Locus info available online

Images

shoot

leaf

bunch

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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	3	low	
006	Shoot: attitude (before tying)	3	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)	1	green	
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	5	medium	
067	Mature leaf: shape of blade	2 / 3	wedge-shaped / pentagonal	
068	Mature leaf: number of lobes	3	five	
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	1	absent	
075	Mature leaf: blistering of upper side of blade	1 / 3	absent or very weak / weak	
076	Mature leaf: shape of teeth	2 / 5	both sides straight / 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	3	low	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	1 / 3	none or very low / low	
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)	1 / 5	very low (<0,5) / medium (1,1-1,3)	
202	Bunch: length (peduncle excluded)	7	long	
204	Bunch: density	9	very dense	
206	Bunch: length of peduncle of primary bunch	5	medium	
208	Bunch: shape	1	cylindrical	
209	Bunch: number of wings of the primary bunch	1 / 2	absent / 1 - 2 wings	
220	Berry: length	3 / 5	short / medium	
221	Berry: width	3 / 5	narrow / medium	
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	

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Ampelometry

OIV

no descriptors available for Montonico Bianco

Superampelo

no SuperAmpelo descriptors available for Montonico Bianco

Phenology & production

OIV	description	value	
301	Time of bud burst	7	late
303	Time of beginning of berry ripening (veraison)	7	late
351	Vigor of shoot growth	5	medium (70-80 g)
502	Bunch: weight of a single bunch	3	low (250-350 g)
503	Berry: single berry weight	3	low (2,5-3,5 g)
504	Yield per m2	5 / 7	medium (1,4-1,6 kg) / high (1,8-2,0 kg)
505	Sugar content of must	5	medium (17,2-18,8)
506	Total acid content of must	3	low (5,2-6,8)
508	must specific pH	5	medium (3,2-3,3)

Agronomic

plant spacing & training system	value	standard deviation	number of years
Training system			
Pruning System			
Distance between rows (m)	2.500		
Distance on the row (m)	1.500		

vigor	value	standard deviation	number of years
Number of shoots/canes per meter of row (number/m)	10.667		3
Cane’s weight (g)	55.625		3
Pruning wood’s weight per vine meter of row (kg)	0.593		3
Pruning wood’s weight per vine (kg)	0.890		3
Number of shoots/canes per vine (number/vine)	16.000		3

fertility	value	standard deviation	number of years
Number of bunch per shoots at flowering (number/shoot)	1.024		3
Fertility of basal buds (bunch/bud)	1.500		3

production's quantitative characteristics	value	standard deviation	number of years
Grape production per hectare (t/ha)	22.528		3
Bunch’s weight (g)	501.000		3
Number of bunches per vine (number/vine)	16.390		3
Number of bunches per meter of row (number/m)	10.927		3
Grape production per meter of row (kg/m)	5.630		3
Grape production per vine (kg/ceppo)	8.450		3
Weight of 100 berries (g)	330.000		3
Berry diameter (average of 25 berries) - width (mm)	16.100		3
Berry diameter (average of 25 berries) - height (mm)	16.200		3

production's qualitative characteristics	value	standard deviation	number of years
pH (pH)	8.700		3
Titratable acidity of must (g/l)	5.990		3
Skin total polyphenols (g/kg)	0.544		3
Seeds total polyphenols (g/kg)	0.700		3
Sugar content of must (°Brix)	18.700		3

Berry polyphenols

no polyphenolic descriptors available for Montonico Bianco

Berry aroma

no aroma descriptors available for Montonico Bianco

Other descr.

no other descriptors available for Montonico Bianco

Related bibliography (1)

authors	year	title	journal	citation
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Accessions of the same variety (6)

- Chiapparone - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Ciapparone - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Greco - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Greco Bianco - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Montonico - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Montonico Bianco - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia