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Cagnina CAB 29

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Dipartimento di Scienze Agrarie - Università degli Studi di Bologna

General information

name Cagnina CAB 29
code ITA052-006
country of selection Italia
region of selection Emilia-Romagna
province of selection Forli'-Cesena
locality of selection not available
holding institution Dipartimento di Scienze Agrarie - Università degli Studi di Bologna
collection vineyard Vigneto Collezione Azienda Agraria Università di Bologna

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Terrano
variety code IVD-var_262
clone not available
trueness to type confirmed by SSR-markers

Trueness to type

True-name

confirmed **not available**

Trueness to type confirmed by ampelography

confirmation by ampelography **not checked**

Trueness to type confirmed by SSR-markers

confirmation by SSR-markers **confirmed**

related bibliography (1)

authors	year	title	journal	citation
Crespan M., Fabbro A., Giannetto S., Meneghetti S., Petrussi C., Del Zan F., Sivilotti P.	2011	Recognition and genotyping of minor germplasm of Friuli Venezia Giulia revealed high diversity.	Vitis	50 (1): 21-28

compared loci **7**

identical loci **6**

discrepancies **At VVS2 loci one allele is different and the delta between the two allels is 22 bp in our accession and 20 bp in the reference**

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:	135	155	225	227	247	249	189	189	192	194	239	251	242	256	221	237	251	273

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Images

shoot

leaf

bunch

Ampelography

OIV	description	value		images
004	Young Shoot: density of prostrate hairs on tip	5	medium	
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 / 3	green / 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	3	pentagonal	
068	Mature leaf: number of lobes	2	three	
075	Mature leaf: blistering of upper side of blade	3 / 5	weak / 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	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	7	high	
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	
155	Shoot: fertility of basal buds (buds 1-3)	5	medium (1,1-1,3)	
202	Bunch: length (peduncle excluded)	5 / 7	medium / long	
204	Bunch: density	5 / 3	medium / loose	
208	Bunch: shape	2	conical	
220	Berry: length	3 / 5	short / medium	
221	Berry: width	3 / 5	narrow / medium	
223	Berry: shape	3	broad ellipsoid	
225	Berry: color of skin	6	blue black	
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

OIV	PDF	description	value	
601	PDF	Mature leaf: length of vein N1	(⊘ 127.00)	
602	PDF	Mature leaf: length of vein N2	(⊘ 113.00)	
603	PDF	Mature leaf: length of vein N3	(⊘ 78.00)	
604	PDF	Mature leaf: length of vein N4	(⊘ 48.00)	
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	(⊘ 67.00)	
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	(⊘ 66.00)	
611	PDF	Mature leaf: length of vein N5	(⊘ 23.00)	
612	PDF	Mature leaf: length of tooth N2	(⊘ 13.00)	
613	PDF	Mature leaf: width of tooth N2	(⊘ 14.00)	
614	PDF	Mature leaf: length of tooth N4	(⊘ 7.00)	
615	PDF	Mature leaf: width of tooth N4	(⊘ 10.00)	
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	(⊘ 11.00)	
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	(⊘ 62.00)	
618	PDF	Mature leaf: opening/overlapping of petiole sinus	(⊘ -33.00)	

Superampelo

no SuperAmpelo descriptors available for Cagnina CAB 29

Phenology & production

OIV	description	value	
301	Time of bud burst	5 / 5	medium / medium
303	Time of beginning of berry ripening (veraison)	5 / 3	medium / early
351	Vigor of shoot growth	5	medium (70-80 g)

Agronomic

plant spacing & training system	value	standard deviation	number of years
Training system			
Pruning System			
Distance on the row (m)	1.400		
Distance between rows (m)	2.700		

vigor	value	standard deviation	number of years
Pruning wood’s weight per vine (kg)	1.340	0.140	3
Pruning wood’s weight per vine meter of row (kg)	0.960	0.110	3

fertility	value	standard deviation	number of years
Number of bunch per shoots at flowering (number/shoot)	1.100	0.060	3
Fertility of basal buds (bunch/bud)	1.100	0.060	3

production's quantitative characteristics	value	standard deviation	number of years
Weight of 100 berries (g)	236.600	11.540	3
Number of bunches per meter of row (number/m)	12.000	12.300	3

production's qualitative characteristics	value	standard deviation	number of years
Sugar content of must (°Brix)	22.400	0.520	3
pH (pH)	3.080	0.110	3
Titratable acidity of must (g/l)	10.500	0.360	3

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Berry polyphenols

anthocyanins monoglycosides	skin (mg/kg) (std dev)	seed (mg/kg) (std dev)	flesh (mg/kg) (std dev)
peonidina-3-monoglucoside	188.00		
delfinidina-3-monoglucoside	214.00		
petunidina-3-monoglucoside	228.00		
cianidina-3-monoglucoside	64.00		
malvidina-3-monoglucoside	756.00		

acylated anthocyanins	skin (mg/kg) (std dev)	seed (mg/kg) (std dev)	flesh (mg/kg) (std dev)
malvidina monoglucoside acetato	117.00		
petunidina monoglucoside acetato	39.00		
delfinidina monoglucoside acetato	30.00		
malvidina monoglucoside p-cumarato	84.00		
peonidina monoglucoside acetato	22.00		
cianidina monoglucoside acetato	7.00		
delfinidina monoglucoside p-cumarato	21.00		
petunidina monoglucoside p-cumarato	20.00		
peonidina monoglucoside p-cumarato	24.00		
cianidina monoglucoside p-cumarato	8.80		

Berry aroma

no aroma descriptors available for Cagnina CAB 29

Other descr.

no other descriptors available for Cagnina CAB 29

Accessions of the same variety (2)

- Cagnina CAB 29 - Dipartimento di Scienze Agrarie - Università degli Studi di Bologna
- Terrano - Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria - Centro di ricerca per la viticoltura (Conegliano TV)