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Summarriello Nero

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

General information

name Summarriello Nero
code ITA428-TR1
country of selection Italia
region of selection Puglia
province of selection Bari
locality of selection Corato (BA)
holding institution Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
collection vineyard Azienda Tarricone, Corato (BA)

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Somarello Rosso
variety code IVD-var_312
clone not available
trueness to type confirmed by ampelography and SSR-markers

Trueness to type

True-name

confirmed **not available**

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

Trueness to type confirmed by SSR-markers

confirmation by SSR-markers **confirmed**

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	143	225	239	251	253	179	183	200	200	247	251	242	256	247	251	251	251

other Locus info available online

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Images

shootTipUs

shootTipLs

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	1	none or very low	
006	Shoot: attitude (before tying)	1 / 3	erect / semi-erect	
007	Shoot: color of dorsal side of internodes	1	green	
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	3	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	1	absent	
075	Mature leaf: blistering of upper side of blade	3	weak	
076	Mature leaf: shape of teeth	3	both sides convex	
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 / 9	none / present	
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	3	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)	5	medium (1,1-1,3)	
202	Bunch: length (peduncle excluded)	3	short	
204	Bunch: density	7	dense	
206	Bunch: length of peduncle of primary bunch	1	very short	
208	Bunch: shape	1	cylindrical	
209	Bunch: number of wings of the primary bunch	1 / 2	absent / 1 - 2 wings	
220	Berry: length	3	short	
221	Berry: width	3	narrow	
223	Berry: shape	1	obloid	
225	Berry: color of skin	4 / 5	grey / dark red violet	
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

OIV

no descriptors available for Summarriello Nero

Superampelo

no SuperAmpelo descriptors available for Summarriello Nero

Phenology & production

OIV	description	value	
301	Time of bud burst	3	early
303	Time of beginning of berry ripening (veraison)	5	medium
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	3 / 5	low (1,0-1,2 kg) / medium (1,4-1,6 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)	2.000		
Distance on the row (m)	0.800		

vigor	value	standard deviation	number of years
Pruning wood’s weight per vine meter of row (kg)	0.245		2
Cane’s weight (g)	28.000		2
Pruning wood’s weight per vine (kg)	0.196		2
Number of shoots/canes per meter of row (number/m)	8.750		2
Number of shoots/canes per vine (number/vine)	7.000		2

fertility	value	standard deviation	number of years
Number of bunch per shoots at flowering (number/shoot)	1.400		2
Fertility of basal buds (bunch/bud)	0.500		2

production’s quantitative characteristics	value	standard deviation	number of years
Bunch’s weight (g)	220.000		2
Number of bunches per vine (number/vine)	9.800		2
Number of bunches per meter of row (number/m)	12.250		2
Grape production per vine (kg/ceppo)	2.156		2
Grape production per meter of row (kg/m)	2.695		2
Weight of 100 berries (g)	205.000		2
Berry diameter (average of 25 berries) - width (mm)	13.880		2
Berry diameter (average of 25 berries) - height (mm)	13.060		2
Grape production per hectare (t/ha)	13.475		2

production's qualitative characteristics	value	standard deviation	number of years
Titratable acidity of must (g/l)	5.000		2
Skin total polyphenols (g/kg)	0.910		2
Seeds total polyphenols (g/kg)	0.600		2
Skin total anthocyanins (g/kg)	0.420		2
Sugar content of must (°Brix)	18.700		2
pH (pH)	3.500		2

Berry polyphenols

no polyphenolic descriptors available for Summarriello Nero

Berry aroma

no aroma descriptors available for Summarriello Nero

Other descr.

no other descriptors available for Summarriello Nero

Accessions of the same variety (3)

- Somarello Rosso - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Summarriello Nero - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia
- Summarriello Rosa - Dipartimento di Scienze Agrarie, degli Alimenti e dell'Ambiente (SAFE) - Università degli Studi di Foggia