

### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	JR	BUD SCIONS		VITICULTURE DATA	WINE DATA		GENERAL INFORMATION	
		SEL	X 1000			QUA LITY	REMARKS	L	LOCAL
		IMP	2022	2026				F	FOREIGN

**Environment**

**ALICANTE BOUSCHET**

AB 1	WELGEVALLEN	1968	15	15	AVERAGE PRODUCTION AND VIGOR	P3	BERRY		
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**BARBERA**

BB 1	USA	1989	78	78	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	HIGH NATURAL ACID
BB 84	ITALY	1989	7	7	AVERAGE PRODUCTION AND VIGOR			L	HIGH NATURAL ACID

**CABERNET FRANC**

CF 1	NIWW	1973	739	826	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P3 K3 P3	GRASS / BERRY GOOD WINE (BACKSBERG, VRIESENHOF EN ALLESVERLOREN)	L	GOOD, BALANCED CLONE WITH EXCELLENT WINE
CF 213	FRANCE	1991	0	0	AVERAGE PRODUCTION	P3	BERRY	F	AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR
CF 214	FRANCE	1991	512	897	AVERAGE TO LOWER PRODUCTION SMALLER BERRIES	P3	EXCELLENT WINE	F	HIGH QUALITY, FULL, GOOD COLOUR AND TANNINS, SUITABLE FOR LONG MATURATION MOST PLANTED CLONE IN LOIRE VALLEY
CF 312	FRANCE	1981	1	1	AVERAGE PRODUCTION	P3	GRASS / BERRY	F	AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR
CF 621	FRANCE	1990	4	4	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / BERRY		
CF 623	FRANCE	1991	1178	1384	AVERAGE PRODUCTION AND VIGOROUS GROWTH	P3	EXCELLENT WINE	F	SMOOTH FRUITY RED WINES, LIGHTER, FUTIER CAN BE DRUNK WHEN YOUNG
CABERNET FRANC N ENTAV-INRA® 394		2010	2	2	LOWER PRODUCTION, MEDIUM SIZE BUNCHES				WINES HAVE GOOD COLOUR AND STRUCTURE

**CABERNET SAUVIGNON**

CS 1	DAVIS/ CALIFORNIA	1967	382	382	AVERAGE PRODUCTION AND VIGOR	P3 P3	STRONG GRASS / BERRY DARK COLOR	L	GOOD, BALANCED CLONE AROMATIC
CS 15	FRANCE	1981	897	975	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR, BIG BUNCHES	P3 P3 P3	GRASS / BERRY FRUITY WINE	L F	GOOD, BALANCED CLONE ABOVE AVERAGE PRODUCTION, WINE HAS GOOD STRUCTURE IF PRODUCTION IS LIMITED, MOST WIDELY PLANTED CLONE IN FRANCE
CS 23	FRANCE	1990	567	567	AVERAGE PRODUCTION, BIG COMPACT BUNCHES, SMALLER BERRIES	P3	GRASS / BERRY	F	HIGH IN ANTHOCYANINS AND POLYPHENOLS (CLONE 337)
CS 27	VITITEC/PARKER	1973	290	290	AVERAGE TO LOWER PRODUCTION VIGOROUS	P3	BERRY	L	GOOD, BALANCED CLONE

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		IMP	2022				2026	F	FOREIGN
<b>Environment</b>									
CS 33	SCHOONGESICHT	1992	0	0	AVERAGE PRODUCTION AND VIGOR	P3	STONE FRUIT / BERRY		
CS 34	DAVIS/	1992	0	0	AVERAGE PRODUCTION AND VIGOR	P2	BERRY		
CS 37	ALTO	1973	1558	1558	AVERAGE PRODUCTION AND VIGOR BIGGER BUNCHES	P3	TYPICAL OF CULTIVAR	L	GOOD, BALANCED CLONE OLD LOCAL SELECTION
CS 46	VITITEC/SOUTHEY	1972	5087	5639	AVERAGE PRODUCTION AND VIGOR	P3	NUTTY, HERBS, BERRY GOOD CULTIVAR CHARACTER	L	BALANCED CLONE, VERITAS D.GOLD DELHEIM COMMERCIALY WIDELY PLANTED OLD LOCAL SELECTION
CS 163	GERMANY	1976	718	758	ABOVE AVERAGE PRODUCTION AND VIGOR.	P3	STRONG GRASS, DARK COLOR VERITAS DOUBLE GOLD DELAIRE, NEIL ELLIS	F	SCHLEIPP CLONE GOOD, BALANCED CLONE
CS 169	FRANCE	1988	3832	3696	AVERAGE TO LOWER PRODUCTION AND AVERAGE VIGOR	P3 P3	GRASS, GREENPEPPER BERRY	L F	GOOD, BALANCED CLONE VERY GOOD CLONE IN FRANCE, AVERAGE TO LOWER PRODUCTION, WINES WELL BALANCED WITH SOFT TANNINS
CS 191	FRANCE	1990	92	92	AVERAGE TO LOWER PRODUCTION	P3	BERRY		
CS 338	FRANCE	1981	1159	1159	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / MOCHA	F	AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR
CS 341	FRANCE	1981	95	161	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / BERRY	F	AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR
CABERNET SAUVIGNON N ENTAV-INRA® 412		2008	600	1222	LOWER PRODUCTION, SMALL TO MEDIUM BERRIES AND BUNCHES, EARLIER MATURING				WINES HAVE GOOD BALANCE, STRUCTURE AND TANNINS, VERY GOOD AGENG POTENTIAL
<b>CAPE RIESLING (CROUCHEN BLANC)</b>									
CR 1013	VITITEC/	1972	3	3	AVERAGE PRODUCTION AND VIGOR SMALLER BERRIES	P2	VEGETATIVE (HAY) (UITKYK, VAN LOVEREN ALPHEN WINECLUB)	L	GOOD, BALANCED CLONE COMMERCIALY WIDELY PLANTED
CAPE RIESLING B ENTAV-INRA® 1019		2008	6	6	AVERAGE VIGOR SMALLER BUNCHES				WINE TYPICAL OF CULTIVAR
<b>CARIGNAN</b>									
CA 171	FRANCE	1981	245	245	AVERAGE PRODUCTION AND VIGOR	P2	BERRY	F	ABOVE AVERAGE PRODUCTION, BIG BUNCHES, STABLE, MOST PLANTED VARIETY
CARIGNAN N ENTAV-INRA® 274		2009	10	10	LOWER PRODUCTION, SMALLER BUNCHES				WINE TYPICAL OF CULTIVAR
<b>CARMÈNÈRE</b>									
NE 1	CHILE	2001	128	128	AVERAGE PRODUCTION AND VIGOR				FULL BODIED, GOOD COLOR

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		JR	2			QUA LITY	REMARKS	L	LOCAL
		SEL	X 1000					F	FOREIGN
IMP	2022	2026							
<b>Environment</b>									
<b>CHARDONNAY</b>									
CY 3	AUSTRALIA	1980	235	119	AVERAGE PRODUCTION AND STRONG VIGOR	P3 K3	CITRUS NOSE, VERY GOOD WINE (LABORIE, DIEMERSDAL AND WELTEVREDE)	L	GOOD, BALANCED CLONE WITH COMMERCIALY WIDELY PLANTED
CY 5	CALIFORNIA	1980	157	113	AVERAGE PRODUCTION AND STRONG VIGOR	P3 K3	CITRUS NOSE (SIMONSIG AND LABORIE) VERITAS D.GOLD SEIDELBERG	L	GOOD, BALANCED CLONE WITH EXCELLENT WINE COMMERCIALY WIDELY PLANTED
CY 8	ITALY	1981	1	1	AVERAGE PRODUCTION AND VIGOR	P3 K3	PEARS / CITRUS GOOD WINE (SIMONSIG AND LABORIE)	L	GOOD, BALANCED CLONE WITH EXCELLENT WINE QUALITY
CY 9	FRANCE	1981	210	210	BELOW AVERAGE PRODUCTION, SMALLER BUNCHES AND BERRIES	P3	CITRUS / TROPICAL DE WETSHOF	F	CLOS DE MOUSSE CLONE
CY 55	SWITZERLAND	1978	4067	3884	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR BIGGER BUNCHES	P3 K3	CITRUS NOSE GOLD MEDAL- SAJWS-SAL (VAN LOVEREN, DE WETSHOF)	L	GOOD CLONE WITH ABOVE AVERAGE PRODUCTION, GOOD COMMERCIAL WINE, TANK FERMENTATION, SPARKLING
CY 76	FRANCE	1985	891	891	AVERAGE PRODUCTION AND VIGOR	P3 K3	PEACH / CITRUS CITRUS / NUTTY(DE WETSHOF) COMPLEX STRUCTURE	L	GOOD, BALANCED CLONE
CY 95	FRANCE	1981	4067	4067	ABOVE AVERAGE PRODUCTION AND VIGOR	P3 P2	PEACH / TROPICAL BUTTER (SIMONSIG) CITRUS / APPLE (DE WETSHOF)	L	ABOVE AVERAGE CLONE WITH EXCELLENT WINE, SUITED FOR BARREL FERMENTATION
CY 96	FRANCE	1985	952	1006	AVERAGE TO LOWER PRODUCTION AND LESS VIGOROUS	P3 P3	PEACH / CITRUS CITRUS / NUTTY(DE WETSHOF) COMPLEX STRUCTURE SUITABLE FOR AGING IN WOOD	F	QUALITY CLONE IN BURGUNDY
CY 133	FRANCE	1990	0	0	AVERAGE PRODUCTION		TROPICAL / CITRUS		
CY 270	SWITZERLAND	1984	61	61	AVERAGE PRODUCTION AND VIGOR	P3 P3 P3	CIRTUS / TROPICAL	L	GOOD, BALANCED CLONE WITH HIGH WINE QUALITY
CY 277	FRANCE	1981	583	685	AVERAGE PRODUCTION AND VIGOR	P3 P3	PEACH / CITRUS GOOD WINE (SIMONSIG, HELDERBERG) CLASS WINNER SAKWS	L	GOOD, BALANCED CLONE, SUITABLE FOR SPARKLING WINE
CY 548	FRANCE	1989	1549	1610	AVERAGE TO LOWER PRODUCTION	P3 P3 P3	TROPICAL / CITRUS	F	ABOVE AVERAGE PRODUCTION, WINE AROMATIC AND BALANCED, LIMIT PRODUCTION FOR HIGH WINE QUALITY
CHARDONNAY B ENTAV-INRA® 1066		2008	2	2	LOWER PRODUCTION, SMALL TO MEDIUM SIZE BUNCHES			L	GOOD CLONE WITH HIGH WINE QUALITY
								F	BELOW AVERAGE PRODUCTION, COMPLEX AROMAS, GOOD STRUCTURE AND BALANCE, SUITABLE FOR BLENDING
									FULL BODIED WINES WITH COMPLEX AROMAS WITH GOOD AGING POTENTIAL

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		SEL	X 1000	2022		2026	QUA LITY	REMARKS	L	LOCAL
		IMP							F	FOREIGN
<b>Environment</b>										
<b>CHENIN BLANC</b>										
SN 9	CALIFORNIA	1982	521	287	AVERAGE PRODUCTION BIGGER BERRIES, LOOSE BUNCHES	P3	VERY FRUITY GUAVA	L	GOOD BALANCED CLONE WITH INDICATIONS OF LESS COMPACT BUNCHES	
SN 24	NIWW	1982	2270	2018	AVERAGE TO LOWER PRODUCTION LOOSE BUNCHES	P3 P3 P3	TROPICAL HIGHEST WINE QUALITY	L	HIGH WINE QUALITY BUNCHES LOOSER AND LESS CHANCE OF ROT	
SN 220	FRANCE	1984	3827	1354	ABOVE AVERAGE PRODUCTION AND VIGOR, BIG BUNCHES	P3  P2	GUAVA	L F	ABOVE AVERAGE CLONE ABOVE AVERAGE PRODUCTION, VERY GOOD WINE, AROMATIC, FLAVORFUL, HIGHER ACID MOST CULTIVATED CLONE IN FRANCE	
SN 426	VITITEC/BLAKE	1964	0	0	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY	L	GOOD, BALANCED CLONE BEST PRODUCTION OF SUBCLONE	
SN 481	VITITEC/MYBURGH	1972	1372	2787	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P3 K3	FRUITY, TROPICAL VAN LOVEREN	L	GOOD, BALANCED CLONE COMMERCIALY WIDELY PLANTED	
SN 550	FRANCE	1984	566	311	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR, BIG BUNCHES	P3	FRUIT, GOOD BALANCE AND FULL	F	POPULAR CLONE IN FRANCE	
SN 624	FRANCE	1993	3	3	ABOVE AVERAGE PRODUCTION	P2	FLORAL WINE TYPICAL OF CULTIVAR	L	WINE TYPICAL OF CULTIVAR	
SN 737	MORKEL	1979	3	3	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P2 K3	FRUITY SFW	L	GOOD, BALANCED CLONE COMMERCIALY WIDELY PLANTED	
SN 1061	MARIENDAL	1972	502	179	AVERAGE PRODUCTION AND VIGOR BIG DOUBLE BUNCHES	P3 K3 P3	FRUITY / AROMATIC (VAN LOVEREN)	L	BALANCED CLONE, COMMERCIALY WIDELY PLANTED	
SN 1064	VITITEC/	1972	161	161	AVERAGE PRODUCTION AND VIGOR BIG DOUBLE BUNCHES	P2	VERITAS GOLD RIJK'S	L	GOOD, BALANCED CLONE SIMILAR TO SN 1061	
CHENIN B ENTAV-INRA@ 880		2007	134	134	MEDIUM FERTILITY AND VIGOR CLUSTERS MEDIUM COMPACT			F	POWERFUL, ROBUST WINES LESS VIGOROUS THAN SN 220, EARLIER	
CHENIN B ENTAV-INRA@ 1018		2011	4	4	AVERAGE PRODUCTION MORE BOTRYTIS RESTANT				MORE RESISTANT AGAINST BOTRYTIS LOWER PRODUCTION THAN SN 220	
<b>CINSAUT</b>										
HE 240	VITITEC/BOSMAN	1972	709	792	AVERAGE PRODUCTION AND VIGOR	P2	BERRY	L	GOOD, BALANCED CLONE	
HE 247	VITITEC/BOSMAN	1972	917	910	ABOVE AVERAGE PRODUCTION AND VIGOR	P2	FRUITY GOOD COLOUR	L	GOOD, BALANCED CLONE	
HE 756	VITITEC/MARAIS	1973	0	0	AVERAGE PRODUCTION AND VIGOR	P3  K3	FRUITY / GRASS GOOD COLOR ELSENBURG	L	GOOD, BALANCED CLONE LIMIT PRODUCTION FOR RED WINE	
HE 835	VITITEC/MARAIS	1979	655	512	AVERAGE PRODUCTION AND VIGOR	P2	FRUITY			

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		SEL	2022	2026				F	FOREIGN

**Environment**

CINSAUT N ENTAV-INRA® 92		2007	23	23	AVERAGE TO LOWER PRODUCTION AVERAGE TO LOWER FERTILITY			F	GOOD QUALITY, FOR RED OR ROSÉ WINES
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**COLOMBAR**

CO 1	CALIFORNIA	1982	754	754	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR, BIG BUNCHES	P3	TYPICAL OF CULTIVAR	L	GOOD, BALANCED CLONE WITH
CO 2	CALIFORNIA	1975	446	446	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P2	TROPICAL	L	GOOD, BALANCED CLONE WITH
CO 12	FRANCE	1984	0	0	ABOVE AVERAGE PRODUCTION AND VIGOR			L	GOOD, BALANCED CLONE
								F	BEST ARMAGNAC CLONE
CO 36	FRANCE	1981	0	0	ABOVE AVERAGE PRODUCTION AND VIGOR	P3	TROPICAL	L	GOOD, BALANCED CLONE
CO 203	VITITEC/BRUWER	1979	0	0	ABOVE AVERAGE PRODUCTION			L	AVERAGE PRODUCTION, VIGOROUS GROWTH
CO 253	SFW	1976 1976	0	0	ABOVE AVERAGE PRODUCTION AND VIGOR	P2	TROPICAL		
CO 1098	VITITEC/DE WET	1972	3678	1566	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P3 P2	GUAVA (WELTEVREDE AND VAN LOVEREN)	L	GOOD STABLE CLONE, MOST WIDELY PLANTED IN RSA, RESTRICT PRODUCTION FOR QUALITY WINE
CO 1139	VITITEC/ELSENBURG	1973	5	5	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P3	FRUITY (PEACHES)	L	GOOD, BALANCED CLONE
COLOMBAR B ENTAV-INRA® 553		2008	19	19	ABOVE AVERAGE PRODUCTION				BEST WINE QUALITY

**COUNOISE**

COUNOISE B ENTAV-INRA® 508		2009	2	2	AVERAGE PRODUCTION AND VIGOUR				WINE TYPICAL OF CULTIVAR
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**DURIF**

DF 1	DAVIS/KALIFORNIA		1664	1379	AVERAGE PRODUCTION AND VIGOUR				GOOD WINE QUALITY
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**GAMAY NOIR**

GA 509	FRANCE	1990	6	6	BELOW AVERAGE PRODUCTION SMALLER BERRIES AND BUNCHES	P3	BERRY	F	LOWER PRODUCTION WINE RICH IN COLOR, TANNINS AND AROMA SUITABLE FOR MATURATION
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**GEWURZTRAMINER**

GT 643	FRANCE	1982	6	6	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P2	ROSE AROMA	L	HIGHEST TERPENE VALUES TYPICAL ROSE AROMA
								F	BEST ALSACE CLONE ON PRODUCTION

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**Environment**

**GRENACHE NOIR**

GN 70	FRANCE	1998	569	569	AVERAGE TO HIGH PRODUCTION	P2 P2 P3	BERRY / SPICY	F	ABOVE AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR, SOMETIMES LACKS STRUCTURE
GRENACHE N ENTAV-INRA® 513		2007	753	753	AVERAGE TO LOWER FERTILITY AVERAGE TO LOWER VIGOR				VERY GOOD QUALITY, HIGHER POLYPHENOLS, MEDIUM COMPACT BUNCHES
GRENACHE N ENTAV-INRA® 516		2010	7	7	AVERAGE PRODUCTION				WINE TYPICAL OF CULTIVAR
GRENACHE N ENTAV-INRA® 1064		2008	292	306	LOWER PRODUCTION, SMALL TO MEDIUM BUNCHES				HIGH WINE QUALITY WITH GOOD TANNIN STRUCTURE

**MACABEU**

MACABEU B ENTAV-INRA® 1025		2008	50	47	AVERAGE PRODUCTION				WINE TYPICAL OF CULTIVAR
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**MALBEC**

MC 1	DAVIS/ CALIFORNIA	1975	12	14	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	STRONG BERRY/ FRUIT SOFT	L	SLIGHTLY WEAKER SET EARLIER THAN MC 71 B
MC 46	FRANCE	1981	124	5	AVERAGE PRODUCTION	P3	BERRY	L	VERY GOOD WINE
MC 71	ARGENTINA	1971	886	1287	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3 K3	STRONG BERRY/ FRUITY, SOFT BACKSBERG	L	GOOD PRODUCTION AND SET
MC 279	FRANCE	1988	153	6	AVERAGE PRODUCTION	P3	BERRY	F	NOT WIDELY PLANTED IN FRANCE
MALBEC N ENTAV-INRA® 598		2008	145	189	AVERAGE PRODUCTION				APPRECIATED FOR WINE QUALITY

**MARSANNE**

MARSANNE B ENTAV-INRA® 574		2007	328	328	SLIGHTLY HIGHER FERTILITY SLIGHTLY HIGHER VIGOR			F	WINE TYPICAL OF CULTIVAR WIDELY PROPAGATED IN FRANCE
MARSANNE B ENTAV-INRA® 1036			2	2					

**MARSELAN**

MARSELAN B ENTAV-INRA® 980		2010	90	117	LOWER FERTILITY AVERAGE VIGOR			F	WINE WITH GOOD COLOUR AND AROMA
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**MERLOT**

MO 36	SWITZERLAND	1981	12	12	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3 K3	BERRY GOOD COLOR VRIESENHOF	L	GOOD, BALANCED CLONE WITH GOOD WINE QUALITY COMMERCIALY WIDELY PLANTED
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<b>Environment</b>									
MO 182 (MO 181)	FRANCE	1981	49	49	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	F	WINE TYPICAL OF CULTIVAR, HIGH PYRAZINE LEVELS, MOST WIDELY PLANTED CLONE IN FRANCE
MO 192	ITALY	1974	871	558	AVERAGE PRODUCTION AND VIGOR	P3 K3	BERRY/GRASS LABORIE, SIMONSIG, ALTYDGEDACHT & VRIESENHOF GOLD MEDAL, JWS	L	GOOD, BALANCED CLONE COMMERCIALY WIDELY PLANTED
MO 314	FRANCE	1987	5	5	AVERAGE PRODUCTION AND VIGOR	P3	BERRY COMPLEX FLAVOURS	F	AVERAGE PRODUCTION, LESS VIGOROUS, BALANCED WINE
MO 346 MO 346	FRANCE	1981	235	235	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3 P3	TYPICAL BERRY	F	GOOD, BALANCED CLONE, VIGOROUS GROWTH, TYPICAL WINE
MO 348	FRANCE	1989	2988	4349	AVERAGE PRODUCTION AND VIGOR	P3 K3	BERRY VERITAS GOLD HAVANA HILLS	L	GOOD, BALANCED CLONE WITH EXCELLENT WINE
								F	AVERAGE PRODUCTION, BIG BUNCHES, HIGH IN POLYPHENOLS, WIDELY PLANTED CLONE IN FRANCE
MERLOT N ENTAV-INRA® 343		1989	321	827	AVERAGE PRODUCTION AND VIGOR SMALLER BERRIES	P3	BERRY EXCELLENT WINE	L	GOOD, BALANCED CLONE WITH SMALLER BERRIES AND VERY GOOD WINE
								F	HIGH WINE QUALITY, LOWER PRODUCTION HIGH POLYPHENOLS, AGES WELL
<b>MEUNIER</b>									
MR 817	FRANCE	1989	9	9	AVERAGE PRODUCTION AND VIGOR	P2	BERRY	F	MOST WIDELY PLANTED CLONE IN CHAMPAGNE (FRANCE), GOOD BASE WINE FOR CHAMPAGNE PRODUCTION
<b>MOURVÈDRE (MATARO)</b>									
MT 11	PGB	1984	288	288	ABOVE AVERAGE PRODUCTION AND VIGOR	P3	BERRY / SPICY	F	PRODUCE HIGH QUALITY WINE WITH GOOD TANNIN STRUCTURE, SUITABLE FOR AGING IN WOOD
MOURVEDRE N ENTAV-INRA® 450		2007	31	31	AVERAGE TO SLIGHTLY HIGHER FERTILITY SLIGHTLY LOWER VIGOR			F	LATE RIPENING BUNCHES LESS COMPACT
MOURVEDRE N ENTAV-INRA® 1069		2010	10	10	LOWER FERTILITY LOWER PRODUCTION			F	WINE AROMATIC WITH GOOD TANNIN STRUCTURE
<b>MUSCAT D'ALEXANDRIE</b>									
HP 28	KAPEL	1989	1261	604	ABOVE AVERAGE PRODUCTION AND BIG BUNCHES	P3	MUSCAT	L	DUAL PURPOSE CLONE
HP 32	HOUMOED	1993	2	2	ABOVE AVERAGE PRODUCTION AND BIG BUNCHES				

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<b>Environment</b>									
<b>NEBBIOLO</b>									
NB 2	ITALY	1990	23	23	AVERAGE PRODUCTION AND VIGOR	P2	BERRY / FRUITY	F	MICHET CLONE
NB 3	ITALY	1990	89	89	AVERAGE PRODUCTION AND VIGOR	P2	BERRY / FRUITY	F	CHIAVENNASCA CLONE
NB 36	ITALY	1995	5	5	AVERAGE PRODUCTION AND VIGOR			F	AVERAGE PRODUCTION AND VIGOR MEDIUM TO HIGH QUALITY WINE
NB 230	ITALY	1995	12	12	AVERAGE PRODUCTION AND VIGOR	P2	BERRY / FRUITY	F	AVERAGE PRODUCTION AND VIGOR HIGHER PRODUCTION, BIG BUNCHES
<b>NIAGARA</b>									
NG 1	CANADA	1998	1	1	ABOVE AVERAGE PRODUCTION AND VIGOR			F	NON VINIFERA VARIETY, FOXY FLAVOR ABLE TO WITHSTAND LOW TEMPERATURES
<b>NOUVELLE</b>									
GK 1	KRIGEVILLE	1991	441	4	ABOVE AVERAGE PRODUCTION AND VIGOR	P3 K3	STRONG GRASS / VEGETATIVE BOLAND CELLAR	L	SUITABLE FOR BLENDING
<b>PETIT MANSENG</b>									
PETIT MANSENG B ENTAV-INRA® 573		2010	14	14	ABOVE AVERAGE FERTILITY ABOVE AVERAGE PRODUCTION				WINE TYPICAL OF CULTIVAR
<b>PETIT VERDOT</b>									
PR 400	FRANCE	1990	1519	1605	AVERAGE PRODUCTION AND VIGOR	P3	NUTTY/BERRY GOOD TANNINS EXCELLENT WINE	L	EXCELLENT WINE WITH VERY DARK COLOR
								F	ONLY REGISTERED CLONE IN FRANCE, VERY FERTILE, PRODUCTION MUST BE LIMITED
PR 8719	FRANCE	1991	70	70	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY, FULL HIGH IN TANNINS	L	GOOD, BALANCED CLONE WITH EXCELLENT WINE
PETIT VERDOT N ENTAV-INRA® 1058		2010	14	14	BELOW AVERAGE FERTILITY BELOW AVERAGE PRODUCTION				FULL, BALANCED WINE WITH GOOD COLOUR
<b>PINOTAGE</b>									
PI 6	KANONKOP	1996	342	342	AVERAGE PRODUCTION AND VIGOR	P3	GOOD WINE QUALITY		
PI 7	WARWICK	1996	3	3	AVERAGE PRODUCTION AND VIGOR		GOOD WINE QUALITY		
PI 45	VITITEC/MORKEL	1972	214	214	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	VERY GOOD WINE QUALITY
PI 48	VITITEC/SFW	1972	3537	3192	AVERAGE PRODUCTION AND VIGOR	P3 K3	FRUITY / BERRY PARKER, GOLD SAJWS VERITAS DOUBLE GOLD RIJK'S	L	GOOD CLONE, COMMERCIALY WIDELY PLANTED
<b>PINOT BLANC</b>									
PB 84	GERMANY	1981	3	3	AVERAGE PRODUCTION AND VIGOR	P3	FLORAL		



### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	JR	BUD SCIONS		VITICULTURE DATA	WINE DATA		L F	GENERAL INFORMATION
		SEL	X 1000	QUA LITY		REMARKS	LOCAL		
		IMP	2022				2026		FOREIGN

Environment									
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**PINOT GRIS**

PG 40	GERMANY	1981	156	156	AVERAGE PRODUCTION AND VIGOR	P2	TROPICAL	L	AVERAGE PRODUCTION AND VIGOR GOOD, BALANCED CLONE
PG 52	FRANCE	1981	295	295	SLIGHTLY LOWER PRODUCTION , SMALLER BUNCHES, RIPENS EARLIER	P2	SPICY	L	AVERAGE PRODUCTION AND VIGOR GOOD, BALANCED CLONE

**PINOT NOIR**

PN 52	FRANCE	1981	700	355	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P2	STRAWBERRY/BERRY	L	GOOD PRODUCTION, SUITABLE FOR SPARKLING WINE
								F	ABOVE AVERAGE PRODUCTION CLONE WITH ERECT VIGOR HABIT
PN 115	FRANCE	1985	2929	3086	AVERAGE PRODUCTION AND VIGOR SMALLER BUNCHES AND BERRIES	P3	BERRY / FRUITY VERY FLAVOURFUL	L	RED WINE CLONE
								F	PINOT FIN CLONE, LOWER PRODUCTION HIGH WINE QUALITY, WINE VERY TYPICAL, FULL, COMPLEX, GOOD STRUCTURE, MOST WIDELY PLANTED CLONE IN FRANCE
PN 459	FRANCE	1989	195	195	ABOVE AVERAGE PRODUCTION SMALLER BUNCHES AND BERRIES	P3	BERRY SPARKLING WINE	L	RED WINE CLONE
								F	ABOVE AVERAGE PRODUCTION, BALANCED STRUCTURE, FULL TANNINS, BEST POTENTIAL OF PRODUCTIVE CLONES
PN 667	FRANCE	1989	433	624	AVERAGE PRODUCTION AND VIGOR SMALL BUNCHES AND BERRIES	P3	BERRY	L	RED WINE CLONE
								F	AVERAGE PRODUCTION, VERY GOOD WINE AROMATIC, FULL TANNINS, SUITABLE FOR MATURATION
PN 777	FRANCE	1989	837	762	AVERAGE PRODUCTION AND VIGOR SMALL BUNCHES AND BERRIES SLIGHTLY LESS PRODUCTIVE THAN PN 667	P3	BERRY	L	RED WINE CLONE
								F	BELOW AVERAGE PRODUCTION, WINE VERY TYPICAL, GOOD CONTRIBUTION IN BLENDS SUITABLE FOR MATURATION
PINOT NOIR N ENTAV-INRA® 943		2010	5	5	AVERAGE TO LOWER PRODUCTION SMALL BUNCHES AND BERRIES				WINE WITH GOOD COLOUR AND HIGH LEVELS OF POLIFENOLS AND TANNINS

**PIQUEPOUL BLANC**

PIQUEPOUL BLANC ENTAV-INRA® 463		2009	45	45	AVERAGE PRODUCTION AND VIGOR		TYPICAL OF CULTIVAR		WINE TYPICAL OF CULTIVAR
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**RED MUSKADEL**

RM 111	VITITEC/WERDA	1964	377	6	AVERAGE PRODUCTION AND VIGOR	P3	VERY AROMATIC	L	VERY GOOD CLONE BLACK MUSKADEL
RM 150	VITITEC/NIWW	1976	48	3	AVERAGE PRODUCTION AND VIGOR		MUSCAT	L	VERY GOOD CLONE

**ROOBERNET**

RO 1	NIWW	1983 1989	211	211	AVERAGE PRODUCTION AND VIGOR	P3	BERRY / SPICY INTENSE DARK COLOUR	L	VERY GOOD WINE QUALITY AND COLOR
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### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	BUD SCIIONS			VITICULTURE DATA	WINE DATA		GENERAL INFORMATION	
		SEL	X 1000			QUA LITY	REMARKS	L	LOCAL
		IMP	2022	2026				F	FOREIGN
<b>Environment</b>									
		1989							
<b>ROUSSANNE</b>									
RJ 1	NIWW	1999	267	267	AVERAGE PRODUCTION AND VIGOR		HONEY, FLORAL, APRICOT	F	FINE COMPLEX WINES NORTHERN RH6NE
ROUSSANNE B ENTAV-INRA@ 468		2007	28	28	LOWER FERTILITY AVERAGE VIGOR			F	TYPICAL OF CULTIVAR FLORAL, HONEY OR APRICOT AROMAS
<b>RUBY CABERNET</b>									
RC 1	DAVIS/ CALIFORNIA	1974	537	466	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3 K3	STRONG GRASS / BERRY CLASS WINNER SJWS (WABOOMSRIVIER & ALLESVERLOREN) BREDELL (FIRGROVE)	L	GOOD, BALANCED CLONE WITH HIGH WINE QUALITY
<b>SANGIOVESE</b>									
SG 1	ITALY	1975	12	12	ABOVE AVERAGE PRODUCTION AND VIGOR, BIG BUNCHES	P3	BERRY / FRUITY	L	CROP MUST BE CONTROLLED FOR QUALITY WINE
								F	REGULAR PRODUCTION, RUBY RED AROMATIC WINE, SUITABLE FOR MATURATION
SG 2	ITALY	1991	0	0	ABOVE AVERAGE PRODUCTION AND VIGOR, BIG BUNCHES	P2	BERRY / FRUITY	L	CROP MUST BE CONTROLLED FOR QUALITY WINE
								F	WINE WITH GOOD STRUCTURE, SUITABLE FOR LONG MATURATION
SG 3	ITALY	1995	143	143	AVERAGE PRODUCTION AND VIGOR, BIG BUNCHES	P2	BERRY / FRUITY	F	VIGOROUS GROWTH, BELOW AVERAGE PRODUCTION, GOOD COLOR & WINE QUALITY
SG 24	ITALY	1999	54	54	BERRIES AND BUNCHES OF AVERAGE SIZE				FULL BODIED, INTENSE, ENOUGH COLOR AND TANNINS FOR AGEING
<b>SAUVIGNON BLANC</b>									
SB 3	DAVIS/ CALIFORNIA	1995	884	154	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	GRASS / ASPARAGUS		
SB 7	DAVIS/ CALIFORNIA	1982	1215	1151	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / GREEN PEPPER	L	GOOD, BALANCED CLONE WITH VERY GOOD WINE QUALITY
SB 9	DAVIS/ CALIFORNIA	1975	0	0	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / ASPARAGUS	L	GOOD CLONE WITH EXCELLENT WINE QUALITY

### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	JR	BUD SCIIONS		VITICULTURE DATA	WINE DATA		GENERAL INFORMATION	
		SEL	X 1000	QUA LITY		REMARKS	L	LOCAL	
		IMP	2022				2026	F	FOREIGN
<b>Environment</b>									
SB 10	NIWW	1973	48	48	AVERAGE PRODUCTION AND VIGOR	P2	GRASS/TROPICAL	L	GOOD, BALANCED CLONE
SB 11	NIWW	1982	2749	2749	AVERAGE PRODUCTION AND VIGOR	P3 K3	GRASS/ASPARAGUS GOOD WINE	L	GOOD, BALANCED CLONE AROMATIC
SB 108	FRANCE	1992	476	603	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / FIG	F	WINE AROMATIC, SOMETIMES LACK OF FINESSE, IMPROVER CLONE, MUST BE PLANTED WITH OTHER CLONES
SB 159	FRANCE	1981	343	402	AVERAGE PRODUCTION AND VIGOR	P3 K3	GRASS NOSE STRONG FIG AROMA (WELTEVREDE)	L F	EXCELLENT WINE QUALITY, GRASS & FIGS IMPROVER CLONE, MUST BE PLANTED WITH OTHER CLONES
SB 161	FRANCE	1992	143	239	AVERAGE PRODUCTION AND VIGOR	P3	FIG/GRASS VERY TYPICAL	L F	EXCELLENT WINE QUALITY GOOD PRODUCTION, VERY AROMATIC WINES
SB 242	FRANCE	1981	1035	851	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P3 K3	GRASS NOSE STRONG FIG AROMA	L F	CROP MUST BE CONTROLLED SUITED TO COOLER AREAS AVERAGE PRODUCTION, AROMATIC WINE WITH GOOD BALANCE, SIMILAR TO CLONE 316
SB 316	FRANCE	1981	2313	1529	AVERAGE PRODUCTION AND VIGOR	P3 K3	GRASS/ASPARAGUS STRONG FIG AROMA (WELTEVREDE)	L F	GOOD BALANCED CLONE AVERAGE PRODUCTION, AROMATIC WINE TYPICAL OF CULTIVAR, MOST CULTIVATED CLONE IN FRANCE
SB 317	FRANCE	1981	1185	1185	AVERAGE PRODUCTION AND VIGOR	P3 K3	GRASS/FIG STRONG FIG AROMA (WELTEVREDE)	L F	GOOD, BALANCED CLONE WITH VERY GOOD WINE QUALITY QUALITY CLONE IN FRANCE, AVERAGE PRODUCTION, SMALLER BUNCHES
SAUVIGNON B ENTAV-INRA® 376		2007	257	380	AVERAGE FERTILITY AVERAGE VIGOR			F	TYPICAL OF CULTIVAR, WELL BALANCED FLAVORS AND AROMAS
SAUVIGNON B ENTAV-INRA® 905		2007	552	756	LOWER FERTILITY AVERAGE VIGOR			F	WINES ARE FULL BODIED, WELL BALANCED, INTENSE FLAVORS AND AROMAS

**SEMILLON**

GD 1	AUSTRALIA	1983	228	228	AVERAGE PRODUCTION AND VIGOR	P3 K3	STRONG GRASS, GREEN FIG VERITAS GOLD NITIDA STEENBERG	L F	GOOD, BALANCED CLONE MAKES EXCELLENT WINE BEST CLONE FOR GRASS CHARACTER
GD 9	AUSTRALIA	1995	5	5	AVERAGE PRODUCTION AND VIGOR	P2	GRASS, GREEN FIG		
GD 14	DAVIS/ CALIFORNIA	1982	242	409	AVERAGE PRODUCTION AND VIGOR	P3	GRASS	L F	GOOD, BALANCED CLONE ROT RESISTANCE (NEW ZEALAND)

### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	JR	BUD SCIONS		VITICULTURE DATA	WINE DATA		GENERAL INFORMATION	
		SEL	X 1000			QUA LITY	REMARKS	L	LOCAL
		IMP	2022	2026				F	FOREIGN
<b>Environment</b>									
GD 12	VITITEC/CILLIE	1972	0	0	AVERAGE PRODUCTION AND VIGOR	P3 K3	STRONG GRASS / FIGS GOUDINI AND SLANGRIVIER CLASS WINNER SAKWS	L	GOOD, BALANCED CLONE
GD 315	FRANCE	1981	77	77	AVERAGE PRODUCTION AND VIGOR	P2	GRASS	L	GOOD, BALANCED CLONE
								F	AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR, MOST CULTIVATED CLONE IN FRANCE
SEMILLON B ENTAV-INRA® 173		2007	12	12	AVERAGE FERTILITY AVERAGE VIGOR			F	WINES TYPICAL OF CULTIVAR WITH GOOD BALANCE
SEMILLON B ENTAV-INRA® 910		2010	0	0	AVERAGE FERTILITY AVERAGE VIGOR			F	WINE TYPICAL OF CULTIVAR SMALLER BUNCHES

### SHIRAZ

SH 1	NIWW	1973	3587	3648	AVERAGE PRODUCTION ABOVE AVERAGE VIGOR LOOSER BUNCHES	P3 K3	BERRY / SPICY GOOD WINE (ALTYDGEDACHT)	L	VIGOROUS CLONE WITH LOOSER BUNCHES AND GOOD WINE QUALITY
SH 5	ARGENTINA	1971	0	0	AVERAGE PRODUCTION AND VIGOR BIG BUNCHES	P3	BERRY/FRUITY	L	GOOD CLONE WITH BIG BUNCHES
SH 7	AUSTRALIA	1983	21	21	AVERAGE TO LOWER PRODUCTION	P3	BERRY		
SH 9	ARGENTINA	1971	2048	1847	AVERAGE PRODUCTION AND VIGOR	P3	SMOKY / SPICY VERITAS D.GOLD HAVANA HILLS	L	GOOD, BALANCED CLONE, BLACK PEPPER
								F	CLONE 1654 OF AUSTRALIA
SH 12	AUSTRALIA	1995	210	271	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	BERRY / MOCHA	F	CLONE BVRC 12 FROM AUSTRALIA
SH 21	VITITEC/STARKE	1972	436	442	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3 K3	BERRY/SMOKY GOOD WINE, DARK COLOUR	L	VIGOROUS CLONE, VERITAS D.GOLD NEIL ELLIS RIPENS EARLIER
SH 22	VITITEC/STARKE	1973	2433	2663	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	FRUITY, SMOKY	L	GOOD, BALANCED CLONE LOWER PRODUCTION
SH 35	VITITEC/ALTO	1974	137	137	AVERAGE TO LOWER PRODUCTION	P3	SMOKY		WINE QUALITY TYPICAL OF CULTIVAR
SH 99	FRANCE	1981	0	0	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR  Propagation terminated due to SH decline	P3	BERRY / SMOKY	L	GOOD CLONE WITH HIGH PRODUCTION
								F	HIGH PRODUCTION CAPACITY, BIG DOUBLE BUNCHES, WINE TYPICAL, LACK OF STRUCTURE WITH HIGH PRODUCTION SECOND MOST CULTIVATED CLONE IN FRANCE AFTER CLONE 100
SH 174	FRANCE	1997	5	5	Sensitive to Shiraz decline Propagation terminated.	P3	BERRY	F	AVERAGE TO LOWER PRODUCTION WINE TYPICAL OF CULTIVAR
SH 300	FRANCE	1997	9	9	Sensitive to Shiraz decline Propagation terminated.			F	AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR, SMALLER BERRIES

## VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	JR	BUD SCIENS		VITICULTURE DATA	WINE DATA		GENERAL INFORMATION	
		SEL	X 1000	QUA LITY		REMARKS	L	LOCAL	
		IMP	2022				2026	F	FOREIGN
<b>Environment</b>									
SH 470	FRANCE	1996	185	185	AVERAGE TO LOWER PRODUCTION		AROMATIC, CONCENTRATED WINES, GOOD TANNIC STRUCTURE	F	INTENSE BLACK PEPPER HIGHER ROTUNDONE LEVELS (NZ)
SHIRAZ N ENTAV-INRA® 525		2007	7	7	Sensitive to Shiraz decline Propagation terminated.			F	WINES ARE FULL BODIED, WELL BALANCED, HIGHER POLYPHENOLIC CONTENT
SHIRAZ N ENTAV-INRA® 877		2007	7	7	Sensitive to Shiraz decline Propagation terminated.			F	WINES ARE FULL BODIED WITH GOOD STRUCTURE HIGHER POLYPHENOLIC CONTENT
<b>SOUZAO</b>									
SZ 41	VITITEC/BREDELL	1985	3	3	AVERAGE PRODUCTION AND VIGOR	P3	BERRY COMPLEX FLAVOURS	L	VERY GOOD WINE QUALITY
SZ 265	SFW	1976	42	42	AVERAGE PRODUCTION AND VIGOR	P3	INTENSE COLOUR, BERRY/ MOCHA, GOOD TANNINS	L	AVERAGE PRODUCTION GOOD WINE
<b>TANNAT</b>									
TT 399	FRANCE	1999	77	77	GOOD PRODUCTION				EXCELLENT WINES WITH GOOD COLOR AND TANNIN STRUCTURE
TT 401	FRANCE	1991	87	87	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / BERRY VERY GOOD COLOUR	F	EXCELLENT WINES WITH GOOD COLOR AND TANNIN STRUCTURE
<b>TEMPRANILLO</b>									
TP 4	NIWW	1995	85	85	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY		
TP 43	SPAIN	2007	3	3	AVERAGE PRODUCTION AND VIGOR				
TEMPRANILLO N ENTAV-INRA® 776		2007	204	204	AVERAGE TO LOWER FERTILITY AVERAGE BUNCH WEIGHT			F	WINES TYPICAL OF CULTIVAR
<b>TERRET NOIR</b>									
TERRET NOIR N ENTAV-INRA® 1084		2010	4	4	AVERAGE FERTILITY BELOW AVERAGE PRODUCTION			F	WINE TYPICAL OF CULTIVAR
<b>TINTA AMARELLA</b>									
TE 1	KRIGEVILLE	1988	0	0	AVERAGE PRODUCTION AND VIGOR	P3	BERRY, FULL, COMPLEX INTENSE FLAVOUR	F	SYN. TRINCADEIRA PRETA
<b>TINTA BAROCCA</b>									
TB 11	VITITEC / MALAN	1991	37	37	AVERAGE PRODUCTION AND VIGOR BIG BUNCHES	P2 K3	BERRY ALLESVERLOREN	L	LOOSE BUNCHES COMMERCIAL CULTIVATED CLONE
TB 23	VITITEC/STARKE	1972	10	10	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	COMMERCIAL CULTIVATED CLONE

### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	JR	BUD SCIONS		VITICULTURE DATA	WINE DATA		L F	GENERAL INFORMATION
		SEL	X 1000	QUA LITY		REMARKS	LOCAL		
		IMP	2022				2026		FOREIGN
<b>Environment</b>									
<b>TOURIGA FRANCA</b>									
TC 1	PORTUGAL	1992	11	11	AVERAGE PRODUCTION AND VIGOR	P3	BERRY/PLUM (RED WINE)	L	GOOD, BALANCED CLONE
TC 1						P3	PORT	F	
<b>TOURIGA NACIONAL</b>									
TN 1	PORTUGAL	1986	33	33	AVERAGE PRODUCTION AND VIGOR	P3	PORT	L	GOOD, BALANCED CLONE
						P3	BERRY / PLUM (RED WINE)	F	THE MOST REVERED PORT CULTIVAR
<b>UGNI BLANC</b>									
UGNI BLANC B ENTAV-INRA® 480		2010	14	14	AVERAGE FERTILITY AVERAGE PRODUCTION				
<b>VERDELHO</b>									
VH 1	AUSTRALIA	1991	74	74	AVERAGE PRODUCTION AND VIGOR	P3	FLORAL / CITRUS	L	GOOD PRODUCTION LOOSE BUNCHES
<b>VERMENTINO</b>									
VERMENTINO B ENTAV-INRA® 856		2008	26	26	GOOD PRODUCTION, BIG BUNCHES				WINES AROMATIC WITH GOOD BALANCE
<b>VILLARD BLANC</b>									
VB 1	NIWW	1997	147	147	ABOVE AVERAGE PRODUCTION AND VIGOR			F	ESTABLISH ON OWN ROOTS ONLY FOR JUICE PRODUCTION
<b>VIOGNIER</b>									
VR 1	FRANCE	1988	33	33	AVERAGE PRODUCTION AND VIGOR	P2	CITRUS BLOSSOMS / CITRUS / TROPICAL	L	AVERAGE PRODUCTION
VR 2	FRANCE	1989	0	0	AVERAGE PRODUCTION AND VIGOR	P3	PEACH, TROPICAL		
VR 642	VITITEC	1989	416	416	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / TROPICAL / SPICY	L	EXCELLENT WINE
								F	ONLY APPROVED CLONE IN FRANCE
VIOGNIER B ENTAV-INRA® 1042		2007	16	16	AVERAGE FERTILITY SMALL, LOOSE BUNCHES			F	WINES ARE WELL BALANCED, PROMINENT FLAVORS AND AROMAS
<b>WEISSER RIESLING</b>									
WR 110	GERMANY	1981	241	241	AVERAGE PRODUCTION AND VIGOR	P2	SPICY AROMA FLORAL	F	WARM AREA CLONE GOOD IN AUSTRALIA
WR 239	GERMANY	1981	294	200	AVERAGE PRODUCTION AND VIGOR	P3	SPICY FLORAL / CITRUS	F	VERY FRUITY, WIDE RANGE OF TERPENES MOST WIDELY PLANTED
RIESLING B ENTAV-INRA® 49		2011	5	5	AVERAGE FERTILITY ABOVE AVERAGE PRODUCTION				WINE TYPICAL OF CULTIVAR

### VITITEC CLONES AVAILABLE (2022)

CULTIVAR AND CLONE	ORIGIN OF SOURCE PLANT	BUD SCIONS			VITICULTURE DATA	WINE DATA		GENERAL INFORMATION	
		SEL	X 1000			QUA LITY	REMARKS	L	LOCAL
		IMP	2022	2026				F	FOREIGN

**Environment**

**WHITE MUSCADEL**

WM 183	VITITEC/	1976	0	0	AVERAGE PRODUCTION AND VIGOR	P3	MUSCAT	L	COMMERCIALY CULTIVATED CLONE RIPENS EARLIER
WM 1032	MARIENDAL	1976	1096	472	AVERAGE PRODUCTION AND VIGOR	P3	MUSCAT	L	COMMERCIALY CULTIVATED CLONE

**ZINFANDEL**

ZD 1	VITITEC	1984	7	7	AVERAGE PRODUCTION AND VIGOR	P3	BERRY/SPICE		
ZD 75	DAVIS/ CALIFORNIA		9	9	AVERAGE PRODUCTION AND VIGOR	K3	FAIRVIEW - BEST SA RED WINE (LONDON)	L	BALANCED CLONE
ZD 8062	DAVIS/ CALIFORNIA	2007	8	32	AVERAGE PRODUCTION AND VIGOR			F	LOWER INCIDENCE OF SOUR ROT RIPENS EARLIER

\* ENTAV clones are only available as grafted vines.

\* Virus status of nucleus plant. Virus status of material from foundation and mother blocks can't be guaranteed due to the potential of re-infection.

- GS - STEM PITTING
- VL - FLECK
- NN - VEIN NECROSIS
- # ISEM ISEM tests types I, II, III and GVA

**ABBREVIATIONS**

- JR - YEAR
- SEL - SELECTED
- IMP - IMPORTED
- WINEDATA**
- SAJWS - SA YOUNG WINE SHOW
- SJWS - REGIONAL YOUNG WINE SHOW
- K - COMMERCIAL
- P - EXPERIMENTAL
- 3 - EXCELLENT
- 2 - GOOD