CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS	SOURCE PLNT				WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000	VIRUS	¥W	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011	STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

## ALICANTE BOUSCHET

AB 1 H	KWV VITITEC	1968	169	0	FREE	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	

### BARBERA

E	3B 1 A	KWV VITITEC	1989	42	101	FREE		AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	HIGH NATURAL ACID	
E	3B 1 C			282	79	FREE	YES						
E	3B 84 A	KWV VITITEC	1989	1	3	BUSY		AVERAGE PRODUCTION AND VIGOR			L	HIGH NATURAL ACID	I

### CABERNET FRANC

CABERNET	FRANC										
CF 1A	KWV VITITEC	1973	66	0	FREE		ABOVE AVERERAGE PRODUCTION	P3	GRASS / BERRY	L	GOOD, BALANCED CLONE WITH
CF 1B			140	0	FREE	YES	AND AVERAGE VIGOR	K3	GOOD WINE (BACKSBERG,		EXCELLENT WINE
CF 1K			1	4	FREE	YES		P3	VRIESENHOF EN ALLESVERLOREN	N)	
CF 213 B	KWV VITITEC	1991	257	76	FREE	YES	AVERAGE PRODUCTION	P3	BERRY		AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR
CF 214 B	KWV VITITEC	1991	384	144	FREE		AVERAGE TO LOWER PRODUCTION SMALLER BERRIES	P3	EXCELLENT WINE	F	HIGH QUALITY, FULL, VEGETATIVE, GOOD TANNINS, SUITABLE FOR LONG MATURATION "IMPROVER" CLONE
CF 312 J	KWV VITITEC	1981	42	0	FREE	YES	AVERAGE PRODUCTION	P3	GRASS / BERRY		AVERAGE PRODUCTION, WINE TYPICAL OF CULTIVAR
CF 621 C	KWV VITITEC	1990	67	0	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / BERRY		
CF 623 B	KWV VITITEC	1991	747	431	FREE	_	AVERAGE PRODUCTION AND VIGOROUS GROWTH	P3	EXCELLENT WINE		VERY GOOD CLONE WITH AVERAGE PRODUCTION, SUPPLE WINE, GOOD COLOUR

### **CABERNET SAUVIGNON**

	SAUVIGNUN										
CS 1C	KWV VITITEC	1967	39	140	FREE		AVERAGE PRODUCTION AND VIGOR	P3	STRONG GRASS / BERRY	L	GOOD, BALANCED CLONE
CS 1E			118	0	FREE	YES		P3	DARK COLOUR		AROMATIC
CS 15 C	KWV VITITEC	1981	266	0	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	GRASS / BERRY	L	GOOD, BALANCED CLONE
CS 15 H			343	0	FREE	YES	AVERAGE VIGOR, BIG BUNCHES	P3	FRUITY WINE	F	ABOVE AVERAGE PRODUCTION, WINE HAS
CS 15 M			580	112	FREE	YES		P3			GOOD STRUCTURE IF PRODUCTION IS
											LIMITED, MOST WIDELY PLANTED CLONE IN
											FRANCE
CS 23 A	KWV VITITEC	1990	660	798	FREE	YES	AVERAGE PRODUCTION, BIG COMPACT	P3	GRASS / BERRY	F	HIGH IN ANTHOCYANINS AND POLYPHENOLS
			1	3			BUNCHES, SMALLER BERRIES				(CLONE 337)
CS 27 B	KWV VITITEC	1973	44	0	FREE	YES	AVERAGE TO LOWER PRODUCTION	P3	BERRY	L	GOOD, BALANCED CLONE
							VIGOROUS				
CS 33 B	KWV VITITEC	1992	201	30	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	STONE FRUIT / BERRY		
CS 34 B	KWV VITITEC	1992	306	0	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	BERRY		
CS 37 C	KWV VITITEC	1973	179	0	FREE		AVERAGE PRODUCTION AND VIGOR	P3	TYPICAL OF CULTIVAR	L	GOOD, BALANCED CLONE
							BIGGER BUNCHES				OLD LOCAL SELECTION
CS 46 C	KWV VITITEC	1972	5701	3285	FREE	YES	AVERAGE PRODUCTION AND	P3	NUTTY, HERBS, BERRY	L	BALANCED CLONE, VERITAS D.GOLD DELHEIM
							VIGOR		GOOD CULTIVAR		COMMERCIALLY WIDELY PLANTED
									CHARACTER		OLD LOCAL SELECTION

CULTIVAR	OWNERSHIP	JR	2 BUD SC	IONS	SOURCE PI	NT	*			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 100	0	VIRUS		ž	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007	2011	STATUS *		ISE	DATA	LITY	REMARKS	F	FOREIGN

CS 163 B	KWV VITITEC	1976	225	0	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	STRONG GRASS, DARK COLOUR	F	SCHLEIPP CLONE
CS 163 I			4251	892	FREE		VIGOR.		VERITAS DOUBLE GOLD DELAIRE,		GOOD, BALANCED CLONE
CS 163 O			146	19	FREE	YES			NEIL ELLIS		
CS 169 A	KWV VITITEC	1988	91	0	NN3		AVERAGE TO LOWER PRODUCTION	P3	GRASS, GREENPEPPER	L	GOOD, BALANCED CLONE
CS 169 B			1258	1893	FREE	YES	AND AVERAGE VIGOR	P3	BERRY	F	VERY GOOD CLONE IN FRANCE, AVERAGE
											TO LOWER PRODUCTION, WINES WELL
											BALANCED WITH SOFT TANNINS
CS 338 C	KWV VITITEC	1981	118	378	FREE	YES	AVERAGE PRODUCTION	P3	FRUITY / MOCHA	F	AVERAGE PRODUCTION, WINE TYPICAL OF
							AND VIGOR				CULTIVAR
CS 341 B	KWV VITITEC	1981	67	0	FREE	YES	AVERAGE PRODUCTION	P3	GRASS / BERRY	F	AVERAGE PRODUCTION, WINE TYPICAL OF
CS 341 E			21	103	FREE		AND VIGOR				CULTIVAR

## CAPE RIESLING (CROUCHEN BLANC)

CR 1013 B	KWV VITITEC	1972	15	75	FREE	YES AVERAGE PRODUCTION AND VIGOR	P2	VEGETATIVE (HAY)	L GOOD, BALANCED CLONE
CR 1013 F			43	269	FREE	YES SMALLER BERRIES		(UITKYK, VAN LOVEREN	COMMERCIALLY WIDELY PLANTED
								ALPHEN WINECLUB)	

# CARIGNAN

CA 171 A	KWV VITITEC	1981	226	206	FREE	AVERAGE PRODUCTION AND VIGOR	P2	BERRY	F ABOVE AVERAGE PRODUCTION, BIG BUNCHES,
									STABLE, MOST PLANTED VARIETY

### CHARDONNAY

KWV VITITEC	1980	1914	2453	BUSY		AVERAGE PRODUCTION	P3	CITRUS NOSE, VERY GOOD	L	GOOD, BALANCED CLONE WITH
		2	2	FREE	YES	AND STRONG VIGOR	K3	WINE (LABORIE, DIEMERSDAL		COMMERCIALLY WIDELY PLANTED
								AND WELTEVREDE)		
KWV VITITEC	1980	54	34	FREE	YES	AVERAGE PRODUCTION	P3	CITRUS NOSE	L	GOOD, BALANCED CLONE WITH
		8	40	FREE	YES	AND STRONG VIGOR	K3	(SIMONSIG AND LABORIE)		EXCELLENT WINE
								VERITAS D.GOLD SEIDELBERG		COMMERCIALLY WIDELY PLANTED
KWV VITITEC	1981	83	0	FREE	YES	AVERAGE PRODUCTION AND	P3	PEARS / CITRUS	L	GOOD, BALANCED CLONE WITH
						VIGOR	K3	GOOD WINE		EXCELLENT WINE QUALITY
								(SIMONSIG AND LABORIE)	F	BEST ITALIAN CLONE
KWV VITITEC	1981	127	231	FREE	YES	BELOW AVERAGE PRODUCTION, SMALLER	P3	CITRUS / TROPICAL	F	CLOS DE MOUSSE CLONE
		216	290	FREE		BUNCHES AND BERRIES		DE WETSHOF		
KWV VITITEC	1978	104	49	FREE	YES	ABOVE AVERAGE PRODUCTION	P3	CITRUS NOSE	L	GOOD CLONE WITH ABOVE AVERAGE
		263	809	FREE	YES	AND AVERAGE VIGOR	K3	GOLD MEDAL- SAJWS-SAL		PRODUCTION, GOOD COMMERCIAL
				FREE		BIGGER BUNCHES		(VAN LOVEREN, DE WETSHOF)		WINE, TANK FERMENTATION, SPARKLING
KWV VITITEC	1985	225	157	FREE		AVERAGE PRODUCTION	P3	PEACH / CITRUS	L	GOOD, BALANCED CLONE
		41	111	FREE	YES	AND VIGOR	K3	CITRUS / NUTTY(DE WETSHOF)	F	HIGH WINE QUALITY, VERY AROMATIC
								COMPLEX STRUCTURE		AVERAGE PRODUCTION, EARLIER RIPENING
KWV VITITEC	1981	2	7	FREE	YES	ABOVE AVERAGE PRODUCTION	P3	PEACH / TROPICAL	L	ABOVE AVERAGE CLONE WITH
		208	782	FREE	YES	AND VIGOR	P2	BUTTER (SIMONSIG)		EXCELLENT WINE, SUITED FOR BARREL
		254	823	GS3	YES			CITRUS / APPLE (DE WETSHOF)		FERMENTATION
									F	QUALITY CLONE IN BURGUNDY
KWV VITITEC	1985	399	1078	FREE	YES	AVERAGE TO LOWER PRODUCTION AND	P3	PEACH / CITRUS	L	GOOD, BALANCED CLONE
		255	860	FREE	YES	LESS VIGOROUS	P3	CITRUS / NUTTY(DE WETSHOF)	F	HIGH WINE QUALITY, VERY AROMATIC
								COMPLEX STRUCTURE		EARLIER RIPENING, MOST WIDELY PLANTED
								SUITABLE FOR AGING IN WOOD		CLONE IN FRANCE
	KWV VITITEC KWV VITITEC KWV VITITEC KWV VITITEC KWV VITITEC	KWV VITITEC       1980         KWV VITITEC       1981         KWV VITITEC       1981         KWV VITITEC       1978         KWV VITITEC       1985         KWV VITITEC       1981	KWV VITITEC       1980       54         KWV VITITEC       1981       83         KWV VITITEC       1981       127         216       1978       104         KWV VITITEC       1978       263         KWV VITITEC       1985       225         KWV VITITEC       1981       2         KWV VITITEC       1985       225         KWV VITITEC       1981       2         KWV VITITEC       1981       2         KWV VITITEC       1981       2         KWV VITITEC       1981       399	2         2           KWV VITITEC         1980         54         34           8         40           KWV VITITEC         1981         83         0           KWV VITITEC         1981         127         231           216         290         290         208           KWV VITITEC         1985         225         157           KWV VITITEC         1981         2         7           208         782         254         823           KWV VITITEC         1985         399         1078	1       2       2       FREE         KWV VITITEC       1980       54       34       FREE         KWV VITITEC       1981       83       0       FREE         KWV VITITEC       1981       127       231       FREE         KWV VITITEC       1981       127       231       FREE         KWV VITITEC       1981       127       231       FREE         KWV VITITEC       1978       104       49       FREE         KWV VITITEC       1985       225       157       FREE         KWV VITITEC       1985       225       157       FREE         KWV VITITEC       1981       2       7       FREE         KWV VITITEC       1985       399       1078       FREE	2         2         FREE         YES           KWV VITITEC         1980         54         34         FREE         YES           KWV VITITEC         1981         83         0         FREE         YES           KWV VITITEC         1981         83         0         FREE         YES           KWV VITITEC         1981         127         231         FREE         YES           KWV VITITEC         1981         127         231         FREE         YES           KWV VITITEC         1981         127         231         FREE         YES           KWV VITITEC         1978         104         49         FREE         YES           KWV VITITEC         1985         225         157         FREE         YES           KWV VITITEC         1985         225         157         FREE         YES           KWV VITITEC         1981         2         7         FREE         YES           KWV VITITEC         1981         2         7         FREE         YES           KWV VITITEC         1985         399         1078         FREE         YES           KWV VITITEC         1985         399         1078 <td>22FREEYESAND STRONG VIGORKWV VITITEC19805434FREEYESAVERAGE PRODUCTIONKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERKWV VITITEC1981127231FREEYESABOVE AVERAGE PRODUCTION, SMALLERKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC1985225157FREEYESAND AVERAGE VIGORKWV VITITEC1985225157FREEYESAND VIGORKWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC19853991078FREEYESAVERAGE TO LOWER PRODUCTION AND</td> <td>22FREEYESAND STRONG VIGORK3KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3KWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3KWV VITITEC1981127231FREEYESAVERAGE PRODUCTION ANDP3KWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3KWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3KWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC197810449FREEYESAND AVERAGE VIGORK3KWV VITITEC197810449FREEYESAND AVERAGE PRODUCTIONP3KWV VITITEC1985225157FREEYESAND VIGORK3KWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC19853991078FREEYESAVERAGE TO LOWER PRODUCTION ANDP3</td> <td>222FREEYESAND STRONG VIGORK3WINE (LABORIE, DIEMERSDAL AND WELTEVREDE)KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3CITRUS NOSEKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3CITRUS NOSEKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3PEARS / CITRUSKWV VITITEC1981127231FREEYESAVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICAL DE WETSHOFKWV VITITEC197810449FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICAL DE WETSHOFKWV VITITEC197810449FREEYESAND AVERAGE PRODUCTIONP3CITRUS NOSE GOLD MEDAL-SAJWS-SAL (VAN LOVEREN, DE WETSHOF)KWV VITITEC1985225157FREEYESAND AVERAGE PRODUCTIONP3PEACH / CITRUSKWV VITITEC1985225157FREEYESAND VIGORP3PEACH / CITRUSKWV VITITEC198127FREEYESAND VIGORP3PEACH / CITRUSKWV VITITEC198523GS3YESABOVE AVERAGE PRODUCTIONP3PEACH / CITRUSKWV VITITEC1985247FREEYESABOVE AVERAGE PRODUCTIONP3PEACH / CITRUSKWV VITITEC198525860FREEYESABOVE AVERAGE PRODUCTIONP3<td>222FREEYESAND STRONG VIGORK3WINE (LABORIE, DIEMERSDAL AND WELTEVREDE)KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3PEARS / CITRUSLKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION ANDP3PEARS / CITRUS / TROPICALFKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICALFKWV VITITEC198110449FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1985225157FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1985225157FREEYESAND AVERAGE PRODUCTIONP3PEACH / CITRUSLKWV VITITEC198127FREEYESAND VIGORP3PEACH / CITRUSLKWV VITITEC1985254823GS3YESAVERAGE PRODUCTIONP3PEACH / CITRUSLKWV VITITEC19853991078FREEYESAND VIGORP3PEACH / CITRUS / NUTTY(DE WETSHOF)FKWV VITITEC19853991078&lt;</td></td>	22FREEYESAND STRONG VIGORKWV VITITEC19805434FREEYESAVERAGE PRODUCTIONKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERKWV VITITEC1981127231FREEYESABOVE AVERAGE PRODUCTION, SMALLERKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC1985225157FREEYESAND AVERAGE VIGORKWV VITITEC1985225157FREEYESAND VIGORKWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONKWV VITITEC19853991078FREEYESAVERAGE TO LOWER PRODUCTION AND	22FREEYESAND STRONG VIGORK3KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3KWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3KWV VITITEC1981127231FREEYESAVERAGE PRODUCTION ANDP3KWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3KWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3KWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC197810449FREEYESAND AVERAGE VIGORK3KWV VITITEC197810449FREEYESAND AVERAGE PRODUCTIONP3KWV VITITEC1985225157FREEYESAND VIGORK3KWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC198127FREEYESABOVE AVERAGE PRODUCTIONP3KWV VITITEC19853991078FREEYESAVERAGE TO LOWER PRODUCTION ANDP3	222FREEYESAND STRONG VIGORK3WINE (LABORIE, DIEMERSDAL AND WELTEVREDE)KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3CITRUS NOSEKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3CITRUS NOSEKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3PEARS / CITRUSKWV VITITEC1981127231FREEYESAVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICAL DE WETSHOFKWV VITITEC197810449FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICAL DE WETSHOFKWV VITITEC197810449FREEYESAND AVERAGE PRODUCTIONP3CITRUS NOSE GOLD MEDAL-SAJWS-SAL (VAN LOVEREN, DE WETSHOF)KWV VITITEC1985225157FREEYESAND AVERAGE PRODUCTIONP3PEACH / CITRUSKWV VITITEC1985225157FREEYESAND VIGORP3PEACH / CITRUSKWV VITITEC198127FREEYESAND VIGORP3PEACH / CITRUSKWV VITITEC198523GS3YESABOVE AVERAGE PRODUCTIONP3PEACH / CITRUSKWV VITITEC1985247FREEYESABOVE AVERAGE PRODUCTIONP3PEACH / CITRUSKWV VITITEC198525860FREEYESABOVE AVERAGE PRODUCTIONP3 <td>222FREEYESAND STRONG VIGORK3WINE (LABORIE, DIEMERSDAL AND WELTEVREDE)KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3PEARS / CITRUSLKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION ANDP3PEARS / CITRUS / TROPICALFKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICALFKWV VITITEC198110449FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1985225157FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1985225157FREEYESAND AVERAGE PRODUCTIONP3PEACH / CITRUSLKWV VITITEC198127FREEYESAND VIGORP3PEACH / CITRUSLKWV VITITEC1985254823GS3YESAVERAGE PRODUCTIONP3PEACH / CITRUSLKWV VITITEC19853991078FREEYESAND VIGORP3PEACH / CITRUS / NUTTY(DE WETSHOF)FKWV VITITEC19853991078&lt;</td>	222FREEYESAND STRONG VIGORK3WINE (LABORIE, DIEMERSDAL AND WELTEVREDE)KWV VITITEC19805434FREEYESAVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1981830FREEYESAVERAGE PRODUCTION ANDP3PEARS / CITRUSLKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION ANDP3PEARS / CITRUS / TROPICALFKWV VITITEC1981127231FREEYESBELOW AVERAGE PRODUCTION, SMALLERP3CITRUS / TROPICALFKWV VITITEC198110449FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC197810449FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1985225157FREEYESABOVE AVERAGE PRODUCTIONP3CITRUS NOSELKWV VITITEC1985225157FREEYESAND AVERAGE PRODUCTIONP3PEACH / CITRUSLKWV VITITEC198127FREEYESAND VIGORP3PEACH / CITRUSLKWV VITITEC1985254823GS3YESAVERAGE PRODUCTIONP3PEACH / CITRUSLKWV VITITEC19853991078FREEYESAND VIGORP3PEACH / CITRUS / NUTTY(DE WETSHOF)FKWV VITITEC19853991078<

CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS	SOURCE PLNT	ţ			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000	VIRUS	₩	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011	STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

CY 133 B	KWV VITITEC	1990	209	0	FREE	YES	AVERAGE PRODUCTION		TROPICAL / CITRUS		
CY 270 I CY 270 M CY 270 N	KWV VITITEC	1984	56 161 79		FREE	-	AVERAGE PRODUCTION AND VIGOR	P3 P3 P3	CIRTUS / TROPICAL	L	GOOD, BALANCED CLONE WITH HIGH WINE QUALITY
CY 277 D CY 277 E	KWV VITITEC	1981	122 152	185	FREE		AVERAGE PRODUCTION AND VIGOR	P3 P3	PEACH / CITRUS GOOD WINE (SIMONSIG, HELDERBERG) CLASS WINNER SAKWS		GOOD, BALANCED CLONE, SUITABLE FOR SPARKLING WINE ABOVE AVERAGE PRODUCTION, WINE AROMATIC AND BALANCED, LIMIT PRODUCTION FOR HIGH WINE QUALITY
CY 548 A CY 548 B CY 548 C	KWV VITITEC	1989			FREE	YES YES YES	AVERAGE TO LOWER PRODUCTION	P3 P3 P3	TROPICAL / CITRUS	_	GOOD CLONE WITH HIGH WINE QUALITY BELOW AVERAGE PRODUCTION, COMPLEX AROMAS, GOOD STRUCTURE AND BALANCE, SUITABLE FOR BLENDING

CHENIN BL	ANC										
SN 9B	KWV VITITEC	1982	118	327	FREE	YES	AVERAGE PRODUCTION	P3	VERY FRUITY	L	GOOD BALANCED CLONE WITH
SN 9E			188	185	FREE		BIGGER BERRIES, LOOSE BUNCHES		GUAVA		INDICATIONS OF LESS COMPACT BUNCHES
SN 24 A	KWV VITITEC	1982	35	0	FREE		AVERAGE TO LOWER PRODUCTION	P3	TROPICAL	L	HIGH WINE QUALITY
SN 24 B			867	1534	FREE	YES	LOOSE BUNCHES	P3	HIGHEST WINE QUALITY		BUNCHES LOOSER AND LESS CHANCE OF
SN 24 C			119	165	FREE	YES		P3			ROT
SN 220 A	KWV VITITEC	1984	183	117	FREE	YES	ABOVE AVERAGE PRODUCTION	P3	GUAVA	L	ABOVE AVERAGE CLONE
SN 220 B			142	378	FREE	YES	AND VIGOR, BIG BUNCHES			F	AVERAGE PRODUCTION, VERY GOOD WINE,
SN 220 C			164	304	FREE	YES		P2			AROMATIC, FLAVORFUL, HIGHER ACID
											MOST CULTIVATED CLONE IN FRANCE
SN 426 Q	KWV VITITEC	1964	0	0	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY	L	GOOD, BALANCED CLONE
											BEST PRODUCTION OF SUBCLONE
SN 481 A	KWV VITITEC	1972	0	0	FREE	YES	ABOVE AVERAGE PRODUCTION	P3	FRUITY, TROPICAL	L	GOOD, BALANCED CLONE
SN 481 E			285	272	FREE	YES	AND AVERAGE VIGOR	K3	VAN LOVEREN		COMMERCIALLY WIDELY PLANTED
					FREE	YES					
SN 550 C	KWV VITITEC	1984	252	530	FREE	YES	ABOVE AVERAGE PRODUCTION	P3	FRUIT, GOOD BALANCE	F	POPULAR CLONE IN FRANCE
SN 550 D			107	330	FREE	YES	AND AVERAGE VIGOR, BIG BUNCHES		AND FULL		
SN 624 A	KWV VITITEC	1993	312	109	FREE	YES	ABOVE AVERAGE PRODUCTION	P2	FLORAL	L	WINE TYPICAL OF CULTIVAR
									WINE TYPICAL OF CULTIVAR		
SN 737 R	KWV VITITEC	1979	264	80	FREE	YES	ABOVE AVERAGE PRODUCTION	P2	FRUITY	L	GOOD, BALANCED CLONE
							AND AVERAGE VIGOR	K3	SFW		COMMERCIALLY WIDELY PLANTED
SN 1061 C	KWV VITITEC	1972	279	168	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / AROMATIC	L	BALANCED CLONE, COMMERCIALLY
SN 1061 G			132	259	FREE		BIG DOUBLE BUNCHES	K3	(VAN LOVEREN)		WIDELY PLANTED
SN 1061 I			149	254	FREE	YES		P3			
SN 1064 K	KWV VITITEC	1972	166	412	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	VERITAS GOLD RIJK'S	L	GOOD, BALANCED CLONE
							BIG DOUBLE BUNCHES				SIMILAR TO SN 1061

CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS SOURCE PLN	1			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000 VIRUS	¥ N	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011 STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

<u>CINSAUT</u>											
HE 240 C	KWV VITITEC	1972	374	172	FREE		AVERAGE PRODUCTION AND VIGOR	P2	BERRY	L	GOOD, BALANCED CLONE
HE 247 A	KWV VITITEC	1972	0	0	FREE		ABOVE AVERAGE PRODUCTION AND VIGOR	P2	FRUITY	L	GOOD, BALANCED CLONE
HE 247 B			0	2	FREE	YES			GOOD COLOUR		
HE 756 A	KWV VITITEC	1973	45	0	FREE		AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / GRASS	L	GOOD, BALANCED CLONE
									GOOD COLOR		LIMIT PRODUCTION FOR RED WINE
								K3	ELSENBURG		
HE 835 A	KWV VITITEC	1979	65	138	FREE		AVERAGE PRODUCTION AND VIGOR	P2	FRUITY		

### COLOMBAR

KWV VITITEC	1982	15	74	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	TYPICAL OF CULTIVAR	L	GOOD, BALANCED CLONE WITH
						AVERAGE VIGOR, BIG BUNCHES				
KWV VITITEC	1975	145	68	FREE		ABOVE AVERAGE PRODUCTION AND	P2	TROPICAL	L	GOOD, BALANCED CLONE WITH
				FREE	YES	AVERAGE VIGOR				
KWV VITITEC	1984	30	95	FREE	YES	ABOVE AVERAGE PRODUCTION AND VIGOR			L	GOOD, BALANCED CLONE
									F	BEST ARMAGNAC CLONE
KWV VITITEC	1981	184	174	FREE	YES	ABOVE AVERAGE PRODUCTION AND VIGOR	P3	TROPICAL	L	GOOD, BALANCED CLONE
				FREE	YES					
KWV VITITEC	1979	59	47	FREE	YES	ABOVE AVERAGE PRODUCTION			L	AVERAGE PRODUCTION, VIGOROUS GROWTH
KWV VITITEC	1976	65	54	FREE		ABOVE AVERAGE PRODUCTION AND VIGOR	P2	TROPICAL		
KWV VITITEC	1976	52	308	FREE	YES					
KWV VITITEC	1972	206	195	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	GUAVA	L	GOOD STABLE CLONE, MOST WIDELY
		408	772	FREE	YES	AVERAGE VIGOR	P2	(WELTEVREDE AND		PLANTED IN RSA, RESTRICT
								VAN LOVEREN)		PRODUCTION FOR QUALITY WINE
KWV VITITEC	1973	89	267	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	FRUITY (PEACHES)	L	GOOD, BALANCED CLONE
						AVERAGE VIGOR				
	KWV VITITEC KWV VITITEC KWV VITITEC KWV VITITEC KWV VITITEC KWV VITITEC	KWV VITITEC       1975         KWV VITITEC       1984         KWV VITITEC       1981         KWV VITITEC       1979         KWV VITITEC       1976         KWV VITITEC       1972	KWV VITITEC       1975       145         KWV VITITEC       1984       30         KWV VITITEC       1981       184         KWV VITITEC       1979       59         KWV VITITEC       1976       65         KWV VITITEC       1976       52         KWV VITITEC       1972       206         408       408       408	KWV VITITEC       1975       145       68         KWV VITITEC       1984       30       95         KWV VITITEC       1981       184       174         KWV VITITEC       1979       59       47         KWV VITITEC       1976       65       54         KWV VITITEC       1976       52       308         KWV VITITEC       1972       206       195         KWV VITITEC       1972       408       772	KWV VITITEC       1975       145       68       FREE         KWV VITITEC       1984       30       95       FREE         KWV VITITEC       1981       184       174       FREE         KWV VITITEC       1997       59       47       FREE         KWV VITITEC       1976       65       54       FREE         KWV VITITEC       1976       52       308       FREE         KWV VITITEC       1972       206       195       FREE         KWV VITITEC       1972       206       195       FREE	KWV VITITEC         1975         145         68         FREE         YES           KWV VITITEC         1984         30         95         FREE         YES           KWV VITITEC         1984         30         95         FREE         YES           KWV VITITEC         1981         184         174         FREE         YES           KWV VITITEC         1979         59         47         FREE         YES           KWV VITITEC         1976         65         54         FREE         YES           KWV VITITEC         1976         52         308         FREE         YES           KWV VITITEC         1972         206         195         FREE         YES           KWV VITITEC         1973         89         267         FREE         YES	KWV VITITEC197514568FREE FREEABOVE AVERAGE PRODUCTION AND AVERAGE VIGORKWV VITITEC19843095FREEYESABOVE AVERAGE PRODUCTION AND VIGORKWV VITITEC1981184174FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORKWV VITITEC1981184174FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORKWV VITITEC19795947FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORKWV VITITEC19766554FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORKWV VITITEC197652308FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORKWV VITITEC1972206195 408FREE 772YESABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	KWV VITITEC197514568FREE FREEABOVE AVERAGE PRODUCTION AND AVERAGE VIGORP2KWV VITITEC19843095FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2KWV VITITEC19843095FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2KWV VITITEC1981184174FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP3KWV VITITEC19795947FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP3KWV VITITEC19766554FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2KWV VITITEC197652308FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2KWV VITITEC1972206195 408FREE 772YESABOVE AVERAGE PRODUCTION AND AVERAGE VIGORP3KWV VITITEC197389267FREEYESABOVE AVERAGE PRODUCTION ANDP3	KWV VITITEC197514568FREE FREEABOVE AVERAGE PRODUCTION AND AVERAGE VIGORP2TROPICALKWV VITITEC19843095FREEYESABOVE AVERAGE PRODUCTION AND VIGOR AVERAGE PRODUCTION AND VIGORP3TROPICALKWV VITITEC1981184174FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGOR YESP3TROPICALKWV VITITEC19795947FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGOR YESP3TROPICALKWV VITITEC19766554 FREEFREE YESYESABOVE AVERAGE PRODUCTION AND VIGOR YESP2TROPICALKWV VITITEC197652308FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGOR YESP2TROPICALKWV VITITEC1972206 408195 772FREE FREEYESABOVE AVERAGE PRODUCTION AND YESP3 AVERAGE VIGORGUAVA (WELTEVREDE AND VAN LOVEREN)KWV VITITEC197389267FREE YESYESABOVE AVERAGE PRODUCTION AND YESP3 AVERAGE VIGORF0	KWV VITITEC197514568FREE FREEABOVE AVERAGE PRODUCTION AND AVERAGE VIGORP2TROPICALLKWV VITITEC19843095FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2TROPICALLKWV VITITEC1981184174FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP3TROPICALLKWV VITITEC19795947FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP3TROPICALLKWV VITITEC19766554FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2TROPICALLKWV VITITEC197652308FREE FREEYESABOVE AVERAGE PRODUCTION AND VIGORP2TROPICALLKWV VITITEC1972206195FREE FREEYESABOVE AVERAGE PRODUCTION AND AVERAGE PRODUCTION ANDP3GUAVA (WELTEVREDE AND VAN LOVEREN)LKWV VITITEC197389267FREEYESABOVE AVERAGE PRODUCTION AND P3P3FRUITY (PEACHES)L

#### GAMAY NOIR

GA 509	D KWV VITI	TEC	1990	0	0	FREE	YES	BELOW AVERAGE PRODUCTION	P3	BERRY	F	LOWER PRODUCTION
								SMALLER BERRIES AND BUNCHES				WINE RICH IN COLOUR, TANNINS AND AROMA
												SUITABLE FOR MATURATION

#### GEWURZTRAMINER

GT 643 B	KWV VITITEC	1982	7	66	FREE	YES	AVERAGE PRODUCTION AND	P2	ROSE AROMA	L	HIGHEST TERPENE VALUES
							ABOVE AVERAGE VIGOR				TYPICAL ROSE AROMA
										F	BEST ALSACE CLONE ON PRODUCTION

### **GRENACHE NOIR**

GN 70 A	KWV VITITEC	1998	138	602	BUSY		AVERAGE TO HIGH PRODUCTION	P2	BERRY / SPICY	F	ABOVE AVERAGE PRODUCTION, WINE TYPICAL
GN 70 B			4	10	BUSY			P2			OF CULTIVAR, SOMETIMES LACKS STRUCTURE
GN 70 C			53	184	FREE	YES		P3			

CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS	SOURCE PLNT	Ł			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000	VIRUS	¥ W	VITICULTURE	QUA		L	L
CLONE	SOURCE PLANT	IMP	2007 2011	STATUS *	ISE	DATA	LITY	REMARKS	F	F FOREIGN

MALBEC											
MC 1	KWV VITITEC	1975	79	0	FREE		AVERAGE PRODUCTION AND	P3	STRONG BERRY/ FRUIT	L	SLIGHTLY WEAKER SET
MC 1 A			0	0	FREE	YES	ABOVE AVERAGE VIGOR		SOFT		EARLIER THAN MC 71 B
MC 46 B	KWV VITITEC	1981	37	4	FREE	YES	AVERAGE PRODUCTION	P3	BERRY	L	VERY GOOD WINE
MC 71 B	KWV VITITEC	1971	417	323	FREE		AVERAGE PRODUCTION AND	P3	STRONG BERRY/	L	GOOD PRODUCTION AND SET
MC 71 C			12	0	FREE	YES	ABOVE AVERAGE VIGOR		FRUITY, SOFT		
								K3	BACKSBERG		
MC 279 B	KWV VITITEC	1988	659	69	FREE	YES	AVERAGE PRODUCTION	P3	BERRY	F	NOT WIDELY PLANTED IN FRANCE

MERLOT											
MO 36 A	KWV VITITEC	1981	32	79	FREE		AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	BERRY GOOD COLOR	L	GOOD, BALANCED CLONE WITH GOOD WINE QUALITY
								K3	VRIESENHOF		COMMERCIALLY WIDELY PLANTED
MO 182 D (MO 181)	KWV VITITEC	1981	227	82	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	F	WINE TYPICAL OF CULTIVAR, HIGH PYRAZINE LEVELS, MOST WIDELY PLANTED CLONE IN FRANCE
MO 192	KWV VITITEC	1974	389	235	FREE		AVERAGE PRODUCTION AND VIGOR	P3 K3	BERRY/GRASS LABORIE, SIMONSIG, ALTYDGEDACHT & VRIESENHOF GOLD MEDAL, JWS	L	GOOD, BALANCED CLONE COMMERCIALLY WIDELY PLANTED
MO 314 A	KWV VITITEC	1987	8	0	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY COMPLEX FLAVOURS		AVERAGE PRODUCTION, LESS VIGOROUS, BALANCED WINE
MO 343 A	KWV VITITEC	1989	847	0	GS3		AVERAGE PRODUCTION AND VIGOR SMALLER BERRIES	P3	BERRY EXCELLENT WINE		GOOD, BALANCED CLONE WITH SMALLER BERRIES AND VERY GOOD WINE HIGH WINE QUALITY, LOWER PRODUCTION HIGH POLYPHENOLS, AGES WELL
MO 346 A	KWV VITITEC	1981	41	0	FREE	YES	AVERAGE PRODUCTION AND ABOVE	P3	TYPICAL	F	GOOD, BALANCED CLONE, VIGOROUS
MO 346 B			686	320			AVERAGE VIGOR	P3	BERRY		GROWTH, TYPICAL WINE
MO 348 A	KWV VITITEC	1989	3349	3164	FREE	YES	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

MEUNIER

MR 817 A	KWV VITITEC	1989	26	175	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	BERRY	F	MOST WIDELY PLANTED CLONE IN
											CHAMPAGNE (FRANCE), GOOD BASE WINE
											FOR CHAMPAGNE PRODUCTION

## MOURVèDRE (MATARO)

Ν	/T 11 A	KWV VITITEC	1984	454	275	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	BERRY / SPICY	F	PRODUCE HIGH QUALITY WINE WITH GOOD
								VIGOR				TANNIN STRUCTURE, SUITABLE FOR AGING
												IN WOOD

CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS	SOURCE PLNT	ł			WINE DATA	ſ	GENERAL INFORMATION
AND	OF	SEL	X 1000	VIRUS	¥ N	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011	STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

### MUSCAT D'ALEXANDRIE

HP 28 B	KWV VITITEC	1989	14	81	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	MUSCAT	L	DUAL PURPOSE CLONE
							BIG BUNCHES				

## **NEBBIOLO**

NB 2A	KWV VITITEC	1990	45	20	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	BERRY / FRUITY	F	MICHET CLONE
NB 3B	KWV VITITEC	1990	16	84	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	BERRY / FRUITY	F	CHIAVENNASCA CLONE
NB 36	KWV VITITEC	1995	8	3	FREE		AVERAGE PRODUCTION AND VIGOR			F	AVERAGE PRODUCTION AND VIGOR
											MEDIUM TO HIGH QUALITY WINE
NB 230	KWV VITITEC	1995	8	3	FREE		AVERAGE PRODUCTION AND VIGOR	P2	BERRY / FRUITY	F	AVERAGE PRODUCTION AND VIGOR
											HIGHER PRODUCTION, BIG BUNCHES

### NIAGARA

NG 1 A	KWV VITITEC	1998	6	0	BUSY	YES ABOVE AVERAGE PRODUCTION AND VIGOR		F	VINIFERA VARIETY, WINES HAVE FOXY FLAVOUR
								i	ABLE TO WITHSTAND LOW TEMPERATURES

# NOUVELLE

GK	1 A	KWV VITITEC	1991	358	186	FREE	YES ABOVE AVERAGE PRODUCTION AND VIGOR	P3	STRONG GRASS / VEGETATIVE	L SUITABLE FOR BLENDING
								K3	BOLAND CELLAR	

### PETIT VERDOT

PR 400 D	KWV VITITEC	1990	1441	1560	FREE	YES	AVERAGE PRODUCTION AND VIGOR		NUTTY/BERRY GOOD TANNINS EXCELLENT WINE	F	EXCELLENT WINE WITH VERY DARK COLOUR ONLY REGISTERED CLONE IN FRANCE, VERY FERTILE, PRODUCTION MUST BE LIMITED
PR 8719 PR 8719 A PR 8719 B	KWV VITITEC	1991	137 189 68	217		YES YES	AVERAGE PRODUCTION AND VIGOR	-	FRUITY, FULL HIGH IN TANNINS		GOOD, BALANCED CLONE WITH EXCELLENT WINE

#### **PINOTAGE**

PI 45 I	KWV VITITEC	1972	130	0	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	VERY GOOD WINE QUALITY
PI 48 A	KWV VITITEC	1972	370	166	FREE		AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / BERRY	L	GOOD CLONE, COMMERCIALLY
PI 48 C			114	56	FREE	YES		K3	PARKER, GOLD SAJWS		WIDELY PLANTED
PI 48 I			97	256	FREE	YES			VERITAS DOUBLE GOLD RIJK'S		

### PINOT BLANC

PB 84 A	KWV VITITEC	1981	0	3	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	FLORAL	

### PINOT GRIS

PG 40 B	KWV VITITEC	1981	29	41	FREE	YES AVERAGE PRODUCTION AND VIGOR	P2	TROPICAL	L	AVERAGE PRODUCTION AND VIGOR
										GOOD, BALANCED CLONE
PG 52 A	KWV VITITEC	1981	31	2	FREE	YES SLIGHTLY LOWER PRODUCTION , SMALLER	P2	SPICY	L	AVERAGE PRODUCTION AND VIGOR
						BUNCHES, RIPENS EARLIER				GOOD, BALANCED CLONE

CULTIVAR	OWNERSHIP	JR	2 BUD SCION	SOURCE PLNT	ţ			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000	VIRUS	₩	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011	STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

### PINOT NOIR

PN 52 C	KWV VITITEC	1981	45	264	FREE	-	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	P2	STRAWBERRY/BERRY	L	GOOD PRODUCTION, SUITABLE FOR SPARKLING WINE
										F	HIGH PRODUCTION CHAMPAGNE CLONE WITH ERECT VIGOR HABIT
PN 115 A	KWV VITITEC	1985	148	395	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY / FRUITY	L	RED WINE CLONE
PN 115 B			520	2159	FREE	YES	SMALLER BUNCHES AND BERRIES		VERY FLAVOURFUL	F	PINOT FIN CLONE, LOWER PRODUCTION HIGH WINE QUALITY, WINE VERY TYPICAL,
											FULL, COMPLEX, GOOD STRUCTURE, MOST
											WIDELY PLANTED CLONE IN FRANCE
PN 459 B	KWV VITITEC	1989	104	49	FREE	YES	ABOVE AVERAGE PRODUCTION	P3	BERRY	L	RED WINE CLONE
							SMALLER BUNCHES AND BERRIES		SPARKLING WINE	F	ABOVE AVERAGE PRODUCTION, BALANCED
											STRUCTURE, FULL TANNINS, BEST POTENTIAL
											OF PRODUCTIVE CLONES
PN 667 D	KWV VITITEC	1989	141	231	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	RED WINE CLONE
										F	AVERAGE PRODUCTION, VERY GOOD WINE
											AROMATIC, FULL TANNINS, SUITABLE
											FOR MATURATION
PN 777 B	KWV VITITEC	1989	307	930	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	RED WINE CLONE
PN 777 C			4	0	FREE	YES				F	BELOW AVERAGE PRODUCTION, WINE VERY
											TYPICAL, GOOD CONTRIBUTION IN BLENDS
											SUITABLE FOR MATURATION

#### RED MUSKADEL

RM 111 E	KWV VITITEC	1964	2	14	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	VERY AROMATIC		VERY GOOD CLONE
											BLACK MUSCADEL
RM 149 A	KWV VITITEC	1976	0	0	FREE		AVERAGE PRODUCTION AND VIGOR		MUSCAT	L	VERY GOOD CLONE

### ROOBERNET

	-											
RO	1 C	KWV VITITEC	1983	688	6	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY / SPICY	L	VERY GOOD WINE QUALITY AND COLOUR
RO	1 E		1989			FREE	YES			INTENSE DARK COLOUR		
RO	1 F		1989			FREE	YES					

### ROUSSANNE

RJ <sup>·</sup>	1 A	KWV VITITEC	1999	1	3	FREE	AVERAGE PRODUCTION AND VIGOR	HONEY, FLORAL, APRICOT	F	FINE COMPLEX WINES
										NORTHERN RHÔNE

#### RUBY CABERNET

R	) 1	Α	KWV VITITEC	1974	991	420	FREE	YES	AVERAGE PRODUCTION AND	P3	STRONG GRASS / BERRY	L	GOOD, BALANCED CLONE WITH HIGH
R	2 1	С			87	0	BUSY		ABOVE AVERAGE VIGOR	K3	CLASS WINNER SJWS		WINE QUALITY
R	2 1	F			0	4	FREE	YES			(WABOOMSRIVIER &		
R	2 1	G			69	0	FREE	YES			ALLESVERLOREN)		
											BREDELL (FIRGROVE)		

CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS	SOURCE PLNT	ł			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000	VIRUS	ŧ	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011	STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

## SANGIOVESE

SG 1 A	KWV VITITEC	1975	187	70	FREE	YES	ABOVE AVERAGE PRODUCTION AND	P3	BERRY / FRUITY	L	CROP MUST BE CONTROLLED FOR
							VIGOR, BIG BUNCHES				QUALITY WINE
										F	REGULAR PRODUCTION, RUBY RED AROMATIC
											WINE, SUITABLE FOR MATURATION
SG 2	KWV VITITEC	1991	15	76	VL1;GS3		ABOVE AVERAGE PRODUCTION AND	P2	BERRY / FRUITY	L	CROP MUST BE CONTROLLED FOR
							VIGOR, BIG BUNCHES				QUALITY WINE
										F	WINE WITH GOOD STRUCTURE, SUITABLE FOR
											LONG MATURATION
SG 3B	KWV VITITEC	1995	31	138	BUSY	YES	AVERAGE PRODUCTION AND	P2	BERRY / FRUITY	F	VIGOROUS GROWTH, BELOW AVERAGE
							VIGOR, BIG BUNCHES				PRODUCTION, GOOD COLOUR & WINE QUALITY

# SAUVIGNON BLANC

SB 3B	KWV VITITEC	1995	85	364	FREE	YES	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	GRASS / ASPARAGUS		
SB 7A SB 7N	KWV VITITEC	1982	1322 119	3156 198	FREE FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / GREEN PEPPER	L	GOOD, BALANCED CLONE WITH VERY GOOD WINE QUALITY
SB 9K	KWV VITITEC	1975	0	0	FREE		AVERAGE PRODUCTION AND VIGOR	P3	GRASS / ASPARAGUS	L	GOOD CLONE WITH EXCELLENT WINE QUALITY
SB 10 L	KWV VITITEC	1973	121	66	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	GRASS/TROPICAL	L	. GOOD, BALANCED CLONE
SB 11 H SB 11 M SB 11 O	KWV VITITEC	1982	408 242 1146	242 30 3033	FREE FREE FREE	YES YES YES		Р3 К3	GRASS/ASPARAGUS GOOD WINE	L	GOOD, BALANCED CLONE AROMATIC
SB 11 R SB 108 B SB 108 C	KWV VITITEC	1992	777 514 63	1958 695 230	FREE FREE FREE	YES YES YES	AVERAGE PRODUCTION AND VIGOR	P3	GRASS / FIG	F	WINE AROMATIC, SOMETIMES LACK OF FINESSE, IMPROVER CLONE, MUST BE PLANTED WITH OTHER CLONES
SB 159 C	KWV VITITEC	1981	340	513	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3 K3	GRASS NOSE STRONG FIG AROMA (WELTEVREDE)	L	EXCELLENT WINE QUALITY, GRASS & FIGS IMPROVER CLONE, MUST BE PLANTED WITH OTHER CLONES
SB 161 A SB 161 B	KWV VITITEC	1992	275 36	134 167	FREE FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	FIG/GRASS VERY TYPICAL		EXCELLENT WINE QUALITY GOOD PRODUCTION, VERY AROMATIC WINES
SB 242 B	KWV VITITEC	1981	222	596	FREE	YES	ABOVE AVERAGE PRODUCTION AND AVERAGE VIGOR	Р3 К3	GRASS NOSE STRONG FIG AROMA	F	CROP MUST BE CONTROLLED SUITED TO COOLER AREAS AVERAGE PRODUCTION, AROMATIC WINE WITH GOOD BALANCE, SIMILAR TO CLONE 316
SB 316 C SB 316 D SB 316 G SB 316 H	KWV VITITEC	1981	562 124 1071 105	283 0 1813 78	FREE FREE FREE FREE	YES YES YES YES		P3 K3	GRASS/ASPARAGUS STRONG FIG AROMA (WELTEVREDE)	F	GOOD BALANCED CLONE AVERAGE PRODUCTION, AROMATIC WINE TYPICAL OF CULTIVAR, MOST CULTIVATED CLONE IN FRANCE
SB 317 A SB 317 D SB 317 E	KWV VITITEC	1981	2535 87 126	2902 44 230	FREE FREE FREE	YES YES	AVERAGE PRODUCTION AND VIGOR	Р3 К3	GRASS/FIG STRONG FIG AROMA (WELTEVREDE)	L F	GOOD, BALANCED CLONE WITH VERY GOOD WINE QUALITY QUALITY CLONE IN FRANCE, AVERAGE PRODUCTION, SMALLER BUNCHES

CULTIVAR	OWNERSHIP	JR	2 BUD SCIONS SOURCE PLN	1			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 1000 VIRUS	¥ N	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT	IMP	2007 2011 STATUS *	ISE	DATA	LITY	REMARKS	F	FOREIGN

SEMILLON											
GD 1D	KWV VITITEC	1983	296	169	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	STRONG GRASS, GREEN FIG	L	GOOD, BALANCED CLONE
GD 1E			107	233	FREE	YES		K3	VERITAS GOLD NITIDA		MAKES EXCELLENT WINE
									STEENBERG	F	BEST CLONE FOR GRASS CHARACTER
GD 9A	KWV VITITEC	1995	8	0	BUSY		AVERAGE PRODUCTION AND VIGOR	P2	GRASS, GREEN FIG		
GD 14 A	KWV VITITEC	1982	9	57	FREE		AVERAGE PRODUCTION AND VIGOR	P3	GRASS	L	GOOD, BALANCED CLONE
GD 14 C			64	104						F	ROT RESISTANCE (NEW ZEALAND)
GD 121 A	KWV VITITEC	1972	0	0	FREE		AVERAGE PRODUCTION AND VIGOR	P3	STRONG GRASS / FIGS	L	GOOD, BALANCED CLONE
								K3	GOUDINI AND SLANGRIVIER		
									CLASS WINNER SAKWS		
GD 315 A	KWV VITITEC	1981	187	117	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	GRASS	L	GOOD, BALANCED CLONE
										F	AVERAGE PRODUCTION, WINE TYPICAL OF
											CULTIVAR, MOST CULTIVATED CLONE IN
											FRANCE

<b>SHIRAZ</b>										
SH 1 C	KWV VITITEC	1973	104	441	FREE	YES AVERAGE PRODUCTION	P3	BERRY / SPICY	L	VIGOROUS CLONE WITH
						ABOVE AVERAGE VIGOR	K3	GOOD WINE		LOOSER BUNCHES AND GOOD WINE QUALITY
						LOOSER BUNCHES		(ALTYDGEDACHT)		
SH 5C	KWV VITITEC	1971	0	0	FREE	AVERAGE PRODUCTION AND VIGOR	P3	BERRY/FRUITY	L	GOOD CLONE WITH BIG BUNCHES
						BIG BUNCHES				
SH 7C	KWV VITITEC	1983	256	275	FREE	YES AVERAGE TO LOWER PRODUCTION	P3	BERRY		
SH 9C	KWV VITITEC	1971	1632	973	FREE	AVERAGE PRODUCTION AND VIGOR	P3	SMOKY / SPICY	L	GOOD, BALANCED CLONE
SH 9D			155	0	FREE	YES		VERITAS D.GOLD HAVANA HILLS	F	CLONE 1654 OF AUSTRALIA
SH 12 B	KWV VITITEC	1995	17	0	FREE	AVERAGE PRODUCTION AND ABOVE AVERAGE VIGOR	P3	BERRY / MOCHA	F	CLONE BVRC 12 FROM AUSTRALIA
SH 21 K	KWV VITITEC	1972	715	415	FREE	YES AVERAGE PRODUCTION AND	P3	BERRY/SMOKY	L	VIGOROUS CLONE, VERITAS D.GOLD NEIL ELLIS
						ABOVE AVERAGE VIGOR	K3	GOOD WINE, DARK COLOUR		RIPENS EARLIER
SH 22 B	KWV VITITEC	1973	1720	2479	FREE	AVERAGE PRODUCTION AND	P3	FRUITY, SMOKY	L	GOOD, BALANCED CLONE
SH 22 E			109	107	FREE	ABOVE AVERAGE VIGOR				LOWER PRODUCTION
SH 22 F			1970	1458	FREE	YES				
SH 35 F	KWV VITITEC	1974	221	0	FREE	YES AVERAGE TO LOWER PRODUCTION	P3	SMOKY		
SH 99 B	KWV VITITEC	1981	0	0	BUSY	YES ABOVE AVERAGE PRODUCTION AND	P3	BERRY / SMOKY	L	GOOD CLONE WITH HIGH PRODUCTION
						AVERAGE VIGOR			F	HIGH PRODUCTION CAPACITY, BIG DOUBLE
										BUNCHES, WINE TYPICAL, LACK OF
						Propagation terminated due to SH decline				STRUCTURE WITH HIGH PRODUCTION
										SECOND MOST CULTIVATED CLONE IN FRANCE
										AFTER CLONE 100
SH 174 F	KWV VITITEC	1997	0	4	BUSY	YES Under investigation for SH decline	P3	BERRY	F	AVERAGE TO LOWER PRODUCTION
										WINE TYPICAL OF CULTIVAR
SH 300 D	KWV VITITEC	1997	0	2	BUSY	YES Under investigation for SH decline			F	AVERAGE PRODUCTION, WINE TYPICAL OF
										CULTIVAR, SMALLER BERRIES
SH 470 B	KWV VITITEC	1996	57	197	FREE	YES Under investigation for SH decline			F	AVERAGE TO LOWER PRODUCTION, WINE WITH
1										GOOD COLOUR EN STRUCTURE

CULTIVAR	OWNERSHIP	JR	2 BUD S	SCIONS	SOURCE PLNT	۲.			WINE DATA		GENERAL INFORMATION
AND	OF	SEL	X 10	000	VIRUS	# W	VITICULTURE	QUA		L	LOCAL
CLONE	SOURCE PLANT				STATUS *	ISEM	DATA	LITY	REMARKS	F	
										22222 22223	
SOUZAO											
SZ 41 A	KWV VITITEC	1985	5	38	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY	L	VERY GOOD WINE QUALITY
									COMPLEX FLAVOURS		
SZ 265 A	KWV VITITEC	1976	4	26	FREE		AVERAGE PRODUCTION AND VIGOR	P3	INTENSE COLOUR, BERRY/	L	AVERAGE PRODUCTION
									MOCHA, GOOD TANNINS		GOOD WINE
<u>TANNAT</u> TT 401 B	KWV VITITEC	1991	980	383	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / BERRY	F	EXCELLENT WINES WITH GOOD COLOUR
		1001	000	000		120			VERY GOOD COLOUR	· ·	AND TANNIN STRUCTURE
	<u> </u>				1	1	<u>.</u>			_	
TEMPRANIL	<u>.LO</u>										
TP 4C	KWV VITITEC	1995	5	73	FREE		AVERAGE PRODUCTION AND VIGOR	P3	FRUITY		
TINTA AMAI				r	1		1				1
TE 1A	KWV VITITEC	1988	42	55	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY, FULL, COMPLEX	F	SYN. TRINCADIERA PRETTA
						1			INTENSE FLAVOUR		
TINTA BARC		4004	404	0				Do			
TB 11 C	KWV VITITEC	1991	121	0	FREE	TES		P2			
TB 23 A	KWV VITITEC	1972	22	39	FREE		BIG BUNCHES AVERAGE PRODUCTION AND VIGOR	K3 P3	ALLESVERLOREN BERRY		COMMERCIAL CULTIVATED CLONE COMMERCIALLY CULTIVATED CLONE
ID ZSA	KWV VIIIIEC	1972	23	39	FREE		AVERAGE PRODUCTION AND VIGOR	P3	DERRI		COMMERCIALLY COLITIVATED CLONE
TOURIGA FI	RANCA										
TC 1A	KWV VITITEC	1992	43	58	BUSY		AVERAGE PRODUCTION AND VIGOR	P3	BERRY/PLUM (RED WINE)	L	GOOD, BALANCED CLONE
TC 1B			1	6	FREE	YES		P3	PORT		
					1				•		
TOURIGA N	ACIONAL										
TN 1A	KWV VITITEC	1986	173	51	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	PORT	L	GOOD, BALANCED CLONE
								P3	BERRY / PLUM (RED WINE)	F	THE MOST REVERED PORT CULTIVAR
VERDELHO				1	1		1				
VH 1B	KWV VITITEC	1991	77	2	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	FLORAL / CITRUS	L	GOOD PRODUCTION
						<u> </u>					LOOSE BUNCHES
VILLARD BL VB 1 B	<u>LANC</u> KWV VITITEC	1997	5	0	BUSY	1	ABOVE AVERAGE PRODUCTION AND			-	ESTABLISH ON OWN ROOTS
	NVV VIIIEC	1997	3	0	6031	1	VIGOR				ONLY FOR JUICE PRODUCTION
				I	1	1		<u> </u>			
VIOGNIER											
VR 1A	KWV VITITEC	1988	379	163	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P2	CITRUS BLOSSOMS / CITRUS /	1	AVERAGE PRODUCTION
		1000	0.0	100				' <del>-</del>	TROPICAL		
VR 2A	KWV VITITEC	1989	0	0	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	PEACH, TROPICAL		
			5	,	1: ··	1.20		. •	,		1

CULTIVAR	OWNERSHIP	JR	2 BUD S	SCIONS	SOURCE PL	NT			WINE DATA			GENERAL INFORMATION	
AND	OF	SEL	X 10	000	VIRUS	¥ W	VITICULTURE	QUA		L	-	LOCAL	ļ
CLONE SC	OURCE PLANT	IMP	2007	2011	STATUS *	ISE	DATA	LITY	REMARKS	F	2	FOREIGN	

VR 642 B	KWV VITITEC	1989	16	0	FREE		AVERAGE PRODUCTION AND VIGOR	P3	FRUITY / TROPICAL / SPICY	L	EXCELLENT WINE
VR 642 C			349	114	FREE	YES				F	ONLY APPROVED CLONE IN FRANCE
VR 642 D			329	86	FREE	YES					

#### WEISSER RIESLING

WR 110 F	KWV VITITEC	1981	70	587	FREE		AVERAGE PRODUCTION AND VIGOR	P2	SPICY AROMA	F	WARM AREA CLONE
									FLORAL		GOOD IN AUSTRALIA
WR 239 Z	KWV VITITEC	1981	39	77	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	SPICY	F	VERY FRUITY, WIDE RANGE OF TERPENES
									FLORAL / CITRUS		MOST WIDELY PLANTED

#### WHITE MUSCADEL

WM 183 A	KWV VITITEC	1976	0	0	FREE	AVERAGE PRODUCTION AND VIGOR	P3	MUSCAT		COMMERCIALLY CULTIVATED CLONE RIPENS EARLIER
WM 1032 B	KWV VITITEC	1976	7	79	FREE	AVERAGE PRODUCTION AND VIGOR	P3	MUSCAT	L	COMMERCIALLY CULTIVATED CLONE

#### ZINFANDEL

ZD 1A	KWV VITITEC	1984	439	211	FREE	YES	AVERAGE PRODUCTION AND VIGOR	P3	BERRY/SPICE		
ZD 75 C			36	46	FREE	YES	AVERAGE PRODUCTION AND VIGOR	K3	FAIRVIEW - BEST SA RED WINE (LONDON)	L	BALANCED CLONE

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

GS - STEM PITTING

VL - FLECK

NN - VEIN NECROSIS

3 - STRONG SYMPTOMS

2 - MILD SYMPTOMS

1 - WEAK SYMPTOMS

# 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						
К-	COMMERCIAL						
P -	EXPERIMENTAL						
3 -	EXCELLENT						
2 -	GOOD						