



PREMIUM GRAPE
NURSERY STOCK



About Sunridge

Sunridge Nurseries was founded in 1977 by Glen and Terrie Stoller. For over 40 years, personalized dedication to our growers and constant improvement has led to our exceptional product. The company has grown from regional/domestic influence to the forefront of national and international product development and relations. Sunridge Nurseries has led the industry in efforts to improve the quality of grape nursery stock around the world. A well-respected industry leader, Sunridge is proud to be an exclusive grapevine nursery.

Sunridge Nurseries' primary business is the farming, propagation and grafting of grape nursery stock. Nestled at the base of the rolling foothills bordering the southern San Joaquin Valley, where sandy soils and the high degree days create the perfect setting for growing premium grape nursery stock. "Quality is our number one priority, with service a close second." This philosophy said by Founder, Glen Stoller, is what has made Sunridge today's standard in the industry. With such focus, Sunridge has sustained the ability to pioneer and develop scientific techniques and cultural practices making us the experts in this business.

Our commitment to staying ahead of the curve and providing the cleanest, most superior quality products in the industry doesn't stop at lab testing; additionally, Sunridge has invested in nearly 1,000 acres of isolated virgin property in Santa Barbara County, in the high desert of New Cuyama. This increase block is used exclusively for farming our ultra clean Protocol 2010 material. In recent years, Sunridge Nurseries has also undergone several expansions to their modern, state-of-the-art facilities, immensely increasing our growing capacities. Today, Sunridge continues to supply only the highest quality grapevines to grape growers. Our goal is to provide what the industry demands - the best there is.



Order Confirmation Deadlines

High demand varieties orders should be submitted as early as possible

Product	Deadline	Delivery
Dormant Benchgrafts	April 1st	following season year
Green Benchgrafts	March 15th	*current season year based upon availability
Tubes/Pots (own root)	April 15th	*current season year
Tall Vines	January 1st	current season green vines or following season dormants
Overage Inventory	Anytime	based upon availability

**Contact your sales representative for more information regarding availability*

Plant Population Index

		<i>Number of feet between rows</i>											
		3	4	5	6	7	8	9	10	11	12		
<i>Number of feet between vines</i>	3	4840	3630	2904	2420	2074	1815	1613	1452	1320	1210		
	4	3630	2723	2178	1815	1556	1361	1210	1089	990	908		
	5	2904	2178	1742	1452	1245	1089	968	871	792	726		
	6	2420	1815	1452	1210	1037	908	807	726	660	605		
	7	2074	1556	1245	1037	889	778	691	622	566	519		
	8	1815	1361	1089	908	778	681	605	545	495	454		
	9	1613	1210	968	807	691	605	538	484	440	403		
	10	1452	1089	871	726	622	545	484	436	396	363		
	11	1320	990	792	660	566	495	440	396	360	330		
	12	1210	908	726	605	519	454	403	363	330	303		
			<i>Vines/Acre</i>										

Vines/Acre



Dormant Benchgrafts

These one-year-old benchgrafts are planted in an outdoor nursery row in the spring, grow through the summer and fall, and are harvested after becoming dormant in winter. Before delivery, roots are trimmed, packed in pine wood shavings and held in cold storage at 35°F.

Tips & Comments

- Confirm order before April 1st, one year in advance
- Plant between February & April
- Good for replants or new vineyard plantings
- Large volumes are easy to ship outside of CA
- Take less irrigation to establish vs. Green Benchgrafts



Tubes

Grown in a custom blend soil mix, tubes are non-grafted vines grown on their own root using full length canes. They can be planted deep for good support and water retention. Primarily used for new vineyard sites and shipped as fully established green growing grapevines suitably planted in spring and summer preferably with drip irrigation.



Pots

Grown in a custom blend soil mix, pots are non-grafted vines grown on their own root using a one bud cutting. Grown in a 4x3 plastic container, these are primarily used for new vineyard sites and shipped as fully established green growing grapevines suitably planted in spring and summer preferably with drip irrigation.





Green Benchgrafts

Grown in a custom blend soil mix, this pot promotes proper root orientation, allowing the vine to excel after field planting. Roots are not tangled or competing, so the natural downward growth continues uninhibited. The resulting root structure in an established vineyard stays strong and stable. This benchgraft allows for year round planting and development.

Tips & Comments

- Pot Dimensions: 3.5” L x 3.5” W x 8.5” H
- More irrigation is required to establish vs. dormant benchgrafts
- Difficult rootstocks are more easily established vs. dormant benchgrafts
- Roots have direct contact with soil so water and nutrients are immediately available
- Rootstocks fully disbudded to discourage sucker growth



Mists

Produced when conventional hardwood cuttings are scarce or unavailable, this method is used primarily with new varieties or special clones. One cutting can be multiplied into enough vines to plant an entire vineyard. Grown in a 4x3 plastic container, they are fully conditioned to the outdoors before delivery. Each plant has the exact same genetics as its mother plant and can be used on their own root where the soil is absent of nutrient, nematode and phylloxera issues.



Plant Protectors

Our custom plant protectors increase your percentage of "takes" by protecting rootstock from herbicide sprays, small animals and wind damage all with lower labor costs than mounding. Our protectors provide 20% better survival as compared to plastic grow tubes.



California Wine Grape Clonal Selections

Variety	Cert	Color	P10 / Classic
Albariño 01	Yes	White	P10
Alicante Bouschet 01	Yes	Black	P10 & Classic
Alicante Bouschet 03	Yes	Black	P10
Alvarinho 01	Yes	White	Classic
Barbera 02	Yes	Black	Classic
Barbera 05	Yes	Black	P10 & Classic
Cabernet Dorsa 01	Yes	Black	P10
Cabernet Franc 01	Yes	Black	Classic
Cabernet Franc 04	Yes	Black	P10
Cabernet Franc 11	Yes	Black	P10
Cabernet Sauvignon 02	Yes	Black	P10 & Classic
Cabernet Sauvignon 04	Yes	Black	P10
Cabernet Sauvignon 06	Yes	Black	P10
Cabernet Sauvignon 07	Yes	Black	P10
Cabernet Sauvignon 08	Yes	Black	P10
Cabernet Sauvignon 29	Yes	Black	P10
Cabernet Sauvignon 30	Yes	Black	P10
Cabernet Sauvignon 31	Yes	Black	P10
Cabernet Sauvignon 33	Yes	Black	P10 & Classic
Cabernet Sauvignon 34	Yes	Black	P10
Cabernet Sauvignon 47	Yes	Black	P10
Cabernet Sauvignon 52	Yes	Black	P10
Cabernet Sauvignon 54	Yes	Black	Classic
Cabernet Sauvignon 65	Yes	Black	P10
Carignane 11	Yes	Black	P10
Chardonnay 04	Yes	White	P10 & Classic
Chardonnay 05	Yes	White	P10 & Classic
Chardonnay 15	Yes	White	P10 & Classic
Chardonnay 17	Yes	White	P10 & Classic
Chardonnay 27	Yes	White	Classic
Chardonnay 37	Yes	White	Classic
Chardonnay 38	Yes	White	P10
Chardonnay 41	Yes	White	Classic
Chardonnay 48	Yes	White	Classic
Chardonnay 69	Yes	White	P10
Chardonnay 70	Yes	White	P10 & Classic
Chardonnay 72	Yes	White	Classic
Chardonnay 79	Yes	White	P10
Chardonnay 80	Yes	White	P10
Chardonnay 84	Yes	White	P10

Variety	Cert	Color	P10 / Classic
Chardonnay 98	Yes	White	P10
Chardonnay 100	Yes	White	P10
Chardonnay 102	Yes	White	P10
Chardonnay 107	Yes	White	Classic
Chardonnay 112	Yes	White	P10
Chardonnay 116	Yes	White	P10
Chenin Blanc 01	Yes	White	P10
Cinsaut 02	Yes	Black	P10
Clairette Blanche 04	Yes	White	P10
Colombard 01	Yes	White	P10
Cortese 02	Yes	White	P10
Dolcetto 04	Yes	Black	P10
Domina 01	Yes	Black	Classic
Dornfelder 01	Yes	Black	P10
Durif 03	Yes	Black	P10 & Classic
Durif 06	Yes	Black	P10
Durif 08	Yes	Black	P10
Falaghina 01	Yes	White	P10
Frontenac 01	Yes	Black	P10
Frontenac Blanc 01	Yes	White	P10
Gamay Noir 03	Yes	Black	Classic
Gamay Noir 05	Yes	Black	P10 & Classic
Gewürtztraminer 01	Yes	Pink	P10 & Classic
Graciano 01	Yes	Black	P10
Graciano 03	Yes	Black	Classic
Grenache Noir 1A	Yes	Black	P10 & Classic
Grenache Noir 10	Yes	Black	Classic
Grenache Noir 13	Yes	Black	P10
Grüner Veltliner 01	Yes	White	P10 & Classic
Grüner Veltliner 03	Yes	White	P10
Lagrein 04	Yes	Black	P10
Malbec 04	Yes	Black	P10 & Classic
Malbec 09	Yes	Black	P10 & Classic
Malbec 11	Yes	Black	P10 & Classic
Malvasia Bianca 03	Yes	White	P10 & Classic
Marsanne 04	Yes	White	P10
Maxine Rouge 01	Yes	Black	Classic
Merlot 03	Yes	Black	P10 & Classic
Merlot 08	Yes	Black	Classic
Merlot 15	Yes	Black	P10 & Classic
Merlot 18	Yes	Black	P10 & Classic



California Wine Grape Clonal Selections

Variety	Cert	Color	P10 / Classic
Merlot 20	Yes	Black	P10
Merlot 26	Yes	Black	P10
Mourvedre 04	Yes	Black	P10
Mourvedre 11	Yes	Black	P10
Muscat Blanc 04	Yes	White	Classic
Muscat Blanc 06	Yes	White	P10 & Classic
Muscat of Alexandria 02	Yes	White	Classic
Muscat of Alexandria 04	Yes	White	P10
Nebbiolo 01	Yes	Black	P10
Nero d' Avola 02	Yes	Black	P10
Orange Muscat 03	Yes	White	P10 & Classic
Petit Verdot 02	Yes	Black	P10 & Classic
Pinot Blanc 05	Yes	White	P10 & Classic
Pinot Blanc 06	Yes	White	P10 & Classic
Pinot Gris 04	Yes	Grey	P10
Pinot Gris 09	Yes	Grey	P10 & Classic
Pinot Meunier 01	Yes	Black	Classic
Pinot Noir 2A	Yes	Black	P10 & Classic
Pinot Noir 37	Yes	Black	P10 & Classic
Pinot Noir 38	Yes	Black	P10
Pinot Noir 44	Yes	Black	P10 & Classic
Pinot Noir 47	Yes	Black	P10
Pinot Noir 48	Yes	Black	Classic
Pinot Noir 54	Yes	Black	Classic
Pinot Noir 71	Yes	Black	P10
Pinot Noir 72	Yes	Black	P10
Pinot Noir 73	Yes	Black	P10
Pinot Noir 89	Yes	Black	Classic
Pinot Noir 90	Yes	Black	Classic
Pinot Noir 91	Yes	Black	P10 & Classic
Pinot Noir 97	Yes	Black	P10 & Classic
Pinot Noir 109	Yes	Black	P10
Pinot Noir 123	Yes	Black	P10 & Classic
Primitivo 03	Yes	Black	P10 & Classic
Primitivo 06	Yes	Black	P10 & Classic
Riesling 09	Yes	White	Classic
Riesling 12	Yes	White	P10
Riesling 17	Yes	White	P10
Riesling 23	Yes	White	Classic
Ruby Cabernet 02	Yes	Black	P10

Variety	Cert	Color	P10 / Classic
Ruby Cabernet 03	Yes	Black	P10
Sangiovese 02	Yes	Black	P10 & Classic
Sauvignon Blanc 01	Yes	White	P10 & Classic
Sauvignon Blanc 07	Yes	White	P10
Sauvignon Blanc 18	Yes	White	P10
Sauvignon Blanc 22	Yes	White	P10
Sauvignon Blanc 30	Yes	White	Classic
Sauvignon Gris 01	Yes	Grey	Classic
Sauvignon Gris 03	Yes	Grey	P10
Semillon 02	Yes	White	Classic
Shiraz 03	Yes	Black	P10 & Classic
Shiraz 06	Yes	Black	P10 & Classic
Shiraz 08	Yes	Black	P10
Shiraz 09	Yes	Black	P10
Souzão 01	Yes	Black	P10
Syrah 05	Yes	Black	P10
Syrah 06	Yes	Black	P10
Syrah 07	Yes	Black	P10
Syrah 08	Yes	Black	P10
Syrah 27	Yes	Black	P10
Syrah 37	Yes	Black	P10
Tempranillo 02	Yes	Black	P10 & Classic
Tempranillo 03	Yes	Black	P10 & Classic
Tempranillo 17	Yes	Black	P10
Teroldego 03	Yes	Black	P10
Tramintette 01	Yes	White	P10 & Classic
Triplett Blanc 01	Yes	White	Classic
Trousseau Gris 01	Yes	Grey	Classic
Verdelho 02	Yes	White	P10
Vermentino 01	Yes	White	Classic
Vidal Blanc 01	Yes	White	P10
Viognier 01	Yes	White	P10 & Classic
Viognier 05	Yes	White	P10
Zinfandel 06	Yes	Black	P10 & Classic
Zinfandel 12	Yes	Black	P10
Zinfandel 22	Yes	Black	P10
Zinfandel 24	Yes	Black	P10
Zinfandel 25	Yes	Black	P10
Zinfandel 26	Yes	Black	P10
Zinfandel 29	Yes	Black	P10 & Classic

ENTAV-INRA® Wine Grape Clonal Selections

Variety	Cert	Color	P10 / Classic
Aligote 651	Yes	White	Classic
Arinanoa Noir 723	Yes	Black	Classic
Cabernet Franc 214	Yes	Black	P10 & Classic
Cabernet Franc 327	Yes	Black	P10
Cabernet Franc 394	Yes	Black	Classic
Cabernet Franc 395	Yes	Black	Classic
Cabernet Franc 623	Yes	Black	P10 & Classic
Cabernet Sauvignon 15	Yes	Black	Classic
Cabernet Sauvignon 169	Yes	Black	P10
Cabernet Sauvignon 337	Yes	Black	P10
Cabernet Sauvignon 338	Yes	Black	P10 & Classic
Cabernet Sauvignon 412	Yes	Black	P10
Cabernet Sauvignon 685	Yes	Black	P10
Cabernet Sauvignon 1124	Yes	Black	P10
Cabernet Sauvignon 1125	Yes	Black	P10
Cabernet Sauvignon 1564	Yes	Black	Classic
Caladoc Noir 724	Yes	Black	Classic
Carignan Noir 06	No	Black	Classic
Carmenere 1059	Yes	Black	Classic
Chardonnay 76	Yes	White	P10
Chardonnay 95	No	White	Classic
Chardonnay 95	Yes	White	P10 & Classic
Chardonnay 96	Yes	White	P10
Chardonnay 124	No	White	Classic
Chardonnay 548	Yes	White	P10
Chardonnay 809	Yes	White	P10
Chardonnay 1066	Yes	White	Classic
Chardonnay 1067	Yes	White	P10
Chardonnay 1068	Yes	White	P10
Chenin Blanc 982	Yes	White	P10 & Classic
Cinsaut 92	Yes	Black	Classic
Clairette Blanche 208	Yes	White	Classic
Colombard 551	Yes	White	Classic
Cot 595	Yes	Black	P10 & Classic
Cot 596	Yes	Black	Classic
Cot 598	Yes	Black	P10
Counoise Noir 508	Yes	Black	Classic
Ederena Noir	Yes	Red	Classic
Fer 557	Yes	Black	Classic

Variety	Cert	Color	P10 / Classic
Gamay Noir 358	Yes	Black	Classic
Gewürtztraminer 47	Yes	White	Classic
Gewürtztraminer 643	Yes	White	Classic
Grenache Blanc 141	No	White	Classic
Grenache Noir 136	No	Black	Classic
Grenache Noir 362	Yes	Black	P10 & Classic
Grenache Noir 513	Yes	Black	P10
Grenache Noir 515	Yes	Black	Classic
Grenache Noir 814	No	Black	Classic
Gros Manseng 397	Yes	White	Classic
Manseng 897	Yes	Black	Classic
Marsanne 574	Yes	White	P10 & Classic
Marselan Noir 980	Yes	Black	Classic
Merlot 181	Yes	Black	P10
Merlot 343	Yes	Black	Classic
Merlot 346	Yes	Black	Classic
Merlot 347	No	Black	Classic
Merlot 348	Yes	Black	Classic
Meunier 864	Yes	Black	Classic
Mourvedre 247	Yes	Black	Classic
Mourvedre 369	Yes	Black	Classic
Mourvedre 450	Yes	Black	Classic
Mourvedre 1069	Yes	Black	P10
Muscat Blanc à Petits Grains 453	Yes	White	Classic
Petit Manseng 573	Yes	White	Classic
Petit Verdot 400	Yes	Black	P10 & Classic
Petit Verdot 1058	Yes	Black	P10
Pinot Blanc 54	Yes	White	Classic
Pinot Gris 52	Yes	Grey	Classic
Pinot Gris 386	Yes	Black	Classic
Pinot Gris 457	Yes	Grey	P10
Pinot Noir 115	Yes	Black	P10
Pinot Noir 459	No	Black	Classic
Pinot Noir 521	Yes	Black	Classic
Pinot Noir 667	Yes	Black	P10
Pinot Noir 743	Yes	Black	Classic
Pinot Noir 828	Yes	Black	P10
Pinot Noir 927	Yes	Black	Classic
Pinot Noir 943	Yes	Black	P10



ENTAV-INRA® Wine Grape Clonal Selections

Variety	Cert	Color	P10 / Classic
Piquepoul Blanc 463	Yes	White	P10
Riesling 49	Yes	White	P10
Roussanne 468	Yes	White	Classic
Sauvignon Blanc 241	Yes	White	Classic
Sauvignon Blanc 376	Yes	White	Classic
Sauvignon Blanc 530	Yes	White	P10
Sauvignon Blanc 906	Yes	White	P10
Sauvignon Gris 917	Yes	Grey	Classic
Savagnin Blanc 612	Yes	White	Classic
Segalin 745	Yes	Black	P10 & Classic
Semebat 746	Yes	Black	Classic
Semillon 173	Yes	White	Classic
Syrah 99	Yes	Black	Classic
Syrah 100	Yes	Black	Classic
Syrah 174	No	Black	Classic
Syrah 300	Yes	Black	Classic

Variety	Cert	Color	P10 / Classic
Syrah 383	No	Black	Classic
Syrah 470	Yes	Black	Classic
Syrah 471	Yes	Black	Classic
Syrah 524	Yes	Black	Classic
Syrah 747	Yes	Black	P10
Syrah 877	Yes	Black	Classic
Tannat 474	Yes	Black	P10 & Classic
Tannat 717	Yes	Black	P10 & Classic
Tannat 794	Yes	Black	Classic
Tempranillo 770	Yes	Black	P10
Tempranillo 776	Yes	Black	Classic
Vermentino 766	Yes	White	Classic
Viognier 642	Yes	White	P10 & Classic
Viognier 1042	Yes	White	P10
Viognier 1051	Yes	White	Classic



Our French clonal grapevine selections come directly from the ENTAV repository in France and carry the ENTAV-INRA® trademark - a guarantee of authenticity from the highest viticulture authority in France.

L'Institut Français de la Vigne et du Vin (IFV), formerly known as ENTAV, resulted from the merging of ENTAV and ITV (Technical Institute for Viticulture) France in 2007. The establishment was first created in 1962 as a technical center governing leadership and coordination of the national clonal selection program in France. Studying and testing French clones, presenting them for certification and conserving the material in mother block repositories have been their focus for more than sixty years now. Their clonal selections come from all the French wine regions and include the most prestigious appellations. Each clone before being released has the culmination of more than fifteen years of rigorous and methodical research and testing. For more information, visit www.entav-inra.fr or www.vignevin.com.



Plansel Wine Grape Clonal Selections

Variety	Cert	Color	P10/Classic
Alvarinho 639	Yes	White	Classic
Aragonez 224	Yes	Black	Classic
Aragonez 232	Yes	Black	Classic
Arinto 962	Yes	White	Classic
Castelao 74	Yes	Black	Classic
Fernao Pires 12	Yes	Black	Classic
Gouveio 268	Yes	White	Classic
Gouveio 274	Yes	White	Classic
Graciano 572	Yes	Black	Classic
Graciano 573	Yes	Black	Classic
Graciano 592	Yes	Black	Classic
Loureiro 666	Yes	White	Classic
Macabeo 568	Yes	White	Classic

Variety	Cert	Color	P10/Classic
Prieto Picudo 584	Yes	Black	Classic
Tinta Barroca 310	Yes	Black	Classic
Tinta Barroca 371	Yes	Black	P10 & Classic
Tinta Caida 707	Yes	Black	Classic
Touriga Franca 313	Yes	Black	Classic
Touriga Nacional 301	Yes	Black	Classic
Touriga Nacional 302	Yes	Black	Classic
Touriga Nacional 308	Yes	Black	Classic
Trincadeira 46	Yes	Black	Classic
Trincadeira 109	Yes	Black	P10 & Classic
Trincadeira 735	Yes	Black	Classic
Verdejo 598	Yes	White	Classic
Viosinho 289	Yes	White	Classic



PLANSEL has developed a highly-respected program for the indigenous wine grape varieties of Portugal and Spain. As a result of the company's dedication to protecting and restoring the area's unique wine grapes, PLANSEL is succeeding in bringing the Iberian Peninsula's historic varieties once again to a place of world-wide prominence. The agreement between the two companies allows Sunridge an exclusive license to produce and market PLANSEL's proprietary grape clonal selections. For more information, visit www.plansel.com.

German Wine Grape Clonal Selections

Variety	Cert	Color	P10/Classic
Domina 01	Yes	Black	Classic

Variety	Cert	Color	P10/Classic
Dornfelder 01	Yes	Black	P10



Table Grape Selections

Variety	Cert	Color	P10/Classic
Autumn King 01	Yes	White	P10 & Classic
Autumn Royal 01	Yes	Black	P10
Crimson Seedless 01	Yes	Red	P10
DOVine	Yes	White	P10 & Classic
Flame Seedless 01	Yes	Red	P10
Princess	Yes	White	P10
Redglobe 02 (Seeded)	Yes	Red	P10 & Classic
Scarlet Royal 01	Yes	Red	P10 & Classic

Variety	Cert	Color	P10/Classic
Selma Pete 01	Yes	White	Classic
Sugar One (Drake Larson)	No	White	Classic
Summer Royal 01	Yes	Black	P10 & Classic
Sunpreme 01	Yes	White	Classic
Sweet Scarlet 01	Yes	Red	P10
Thompson Seedless 2A	Yes	White	P10
Valley Pearl 01	Yes	White	P10 & Classic

IFG Table Grape Selections

Variety	Cert	Color	P10/Classic
Sweet Surrender® (IFG 031-077)	Yes	Black	Classic
Sweet Romance® (IFG Four)	No	Red	Classic
Sweet Jubilee® (IFG Five) - SEEDED	No	Black	N/A
Sweet Enchantment® (IFG Eight)	No	Black	Classic
Jack's Salute® (IFG Nine)	No	Red	Classic
Sweet Globe® (IFG Ten)	No	White	Classic
Sugar Crisp® (IFG Eleven)	No	White	Classic
Funny Fingers® (IFG Twelve)	No	Black	Classic
Sweet Secrets® (IFG Thirteen)	No	Black	Classic
Sweet Mayabelle® (IFG Fourteen)	No	Red	Classic

Variety	Cert	Color	P10/Classic
Sweet Surprise® (IFG Fifteen)	No	Black	Classic
Sweet Favors® (IFG Sixteen)	No	Black	Classic
Sweet Joy® (IFG Seventeen)	No	Black	Classic
Sweet Nectar® (IFG Eighteen)	No	Red	Classic
Candy Hearts® (IFG Nineteen)	No	Red	Classic
Candy Crunch® (IFG Twenty)	No	Black	Classic
Candy Snaps® (IFG Twenty-One)	No	Red	Classic
Candy Dreams® (IFG Twenty-Two)	No	Black	Classic
Candy Drops® (IFG Twenty-Three)	No	Black	Classic
Sweet Magic® (IFG Twenty-Five)	No	Black	Classic
Sweet Bond® (IFG Twenty-Six)	No	Black	Classic



Sunridge Nurseries has partnered in the creation of International Fruit Genetics (IFG) since 2001. IFG develops new varieties of table grapes and cherries through one of the largest private breeding programs in the world. Sunridge is proud to be the exclusive licensed nursery for all IFG varieties guaranteeing IFG licensee partners will obtain the best quality vines from the expert hands of the Sunridge team. Contact Sunridge Nurseries for availability of these new varieties or visit www.ifg.world for more information.



Rootstock Selections

Rootstock	Protocol 2010	Vitis Parentage	Phylloxera Resistance	Nematode Resistance		Tolerance		
				Root Knot	Xiphinema Index	Drought	Wet Soil	
039-16	2014	k	H	L	H	L		
101-14 Mgt	2015	e	H	M-H	M	L	M	
1103P	2014	d	H	M-H	L	M-H	M-H	
110R	2014	d	H	L	L	H	L-M	
140Ru	2014	d	H	L-M	L	H	L	
161-49	n/a	c	H	L	L	L	L	
1616C	2015	g	H	H		L	M	
3309C	2014	e	H	L	L	L-M	M	
420A Mgt	2017	c	H	M	L	L-M	M	
44-53 M	2014	f	H	L		H		
5BB	2015	c	H	M	M	M	L	
Dogridge	n/a	h	M-H	H	L-M	M	L-M	
Fercal	n/a	j	H	M	M	M	M-H	
Freedom	2015	i	L-M2*(revised)	H	M-H	M	L	
Gravesac	n/a	l	H	L	L	M	M	
GRN-1 (8909-05-AW)	2016	n	VH	VH	VH	M	T	
GRN-2 (9363-16-AW)	2016	o	VH	VH	VH	M	M	
GRN-3 (9365-43-AW)	2016	p	H	VH	VH	M-H	M	
GRN-4 (9365-85-AW)	2016	GRN-3 sibling	H	VH	VH	H	M	
GRN-5 (9407-14-AW)	2016	q	M-H	VH	VH	H	L-M	
Harmony	2015	i	L-M2 *(revised)	M-H	M-H	M	L	
Riparia Gloire	2015	a	H	M	M	L	L	
RS-3	2016	m		H	H		L-M	
RS-9	n/a	m		H	L		L-M	
Salt Creek (Ramsey)	2015	h	H	H	L-M	M-H	L-M	
5C	2014	c	H	M	M	L	M	
Schwarzmann	2014	e	H	M	H	M	M	
SO4	2015	c	H	M	M	M	M	
St. George (Rupestris du lot)	2016	b	H	L	L	M-H	L-M	



Legend for Vitis Parentage:

a- Riparia; b- Rupestris; c- Berlandieri x riparia; d- Berlandieri x rupestris; e- Riparia x rupestris; f- Riparia x (Condifolia x rupestris); g- Longii x riparia; h- Champinii; i- 1613 (solonis x Othello) x Dogridge; j- Berlandieri x Columbard; k- Vinifera x Rotundifolia; l- 161-49 x 3309; m- Ramsey x Schwarzman; n- Rupestris x Rotundifolia; o- (Rufotomentosa x Dogridge x Riparia Glorie) x Riparia Glorie; p- (Rufotomentosa x (Dogridge x Riparia Glorie) Champinii c9038); q- (Ramsey x Riparia Glorie) x Champinii c9021

1 - RATINGS: VL - Very Low; L - Low; M - Medium; H -High; VH - Very High; T - Tolerant
 2 - The degree of long term phyloxera resistance is questionable due to the unknown Vitis vinifera parentage of these rootstocks.

		Influence on Scion		Comments
Salinity	Lime	Vigor		
L	L	H		Poor on coarse, sand soils due to low root knot nematode tolerance. Tolerant of fanleaf virus.
M	L-M	L-M		Moist, clay soils, tolerates wet soils. Avoid clay soils that crack.
M	M	MH		Adapted to drought and saline soils
M	M	M-H		Hillside, gravelly and acid soils. Develops slowly in wet soils. Slow to establish. Sensitive to Latent Virus.
H	M-H	H		Adapted to drought and acid soils. Does poorly in non-irrigated, low K soils
L	M	H		Humid, fertile soils.
M	L-M	M		Best on fertile, med. to fine textured soils; tolerates acid soils. Poor on infertile, sandy soil.
L-M	L-M	L-M		Deep soils. Sensitive to latent viruses; tolerant of cold injury
L	M-H	L		Fine textured, fertile soils. Scions tend to overbear when young. Maintains scion. Growth into late season.
	L-M	M-H		High Mg soils. Readily Mg deficient in low Mg soils.
M	M-H	M		Moist, clay soils. Susceptible to phytophthora root rot; adapted to high vigor varieties
M-H	M	VH		Very sandy, infertile soils. Promotes excess vigor, poor fruit set.
	H	H		Mg deficient soils.
L-M	M	H		Sands to sandy loams. Sensitive to latent viruses.
	M	H		Mg deficient soils.
L	L	M-H		Also highly resistant to ring, citrus and lesion nematodes.
M?	M	L-M		Also highly resistant to lesion nematode and moderately resistant to citrus and ring nematode.
M-H?	M-H	M+		Also resists citrus and lesion nematodes, but not ring.
M-H?	M-H	M-H		Also resists citrus and lesion nematodes, low to moderate ring resistance.
M-H?	M-H	H		Also resists citrus and lesion nematodes, moderate ring resistance, moderately difficult to propagate.
L-M	M	M-H		Sandy loams and loamy sands.
M	L	L		Deep, well-drained, moist soils, early maturation; scions tend to overbear.
M		M-H		Broad nematode resistance.
M		L		Suitable for close plantings.
H	M	H		Sandy, infertile soils.
M	M	L-M		Moist, clay soils, avoid clay solid that crack.
M-H	M	M		Moist, deep soils.
L-M	M	L-M		Moist, clay soils, high K uptake. Noted as a cool region rootstock.
M-H	M	M-H		Deep & gravelly soils; K deficiency. Fruit set problems w/ some scions, latent virus tolerant.



California Rootstock Selections

Variety	Cert	P10/Classic
039-16	Yes	P10 & Classic
101-14	Yes	P10 & Classic
10-17A	Yes	P10
1103P	Yes	P10 & Classic
110R	Yes	P10 & Classic
161-49	Yes	Classic
140Ru	Yes	P10 & Classic
1616C	Yes	P10 & Classic
3309C	Yes	P10 & Classic
420A	Yes	P10 & Classic
44-53	Yes	P10 & Classic
5BB	Yes	P10
5C	Yes	P10
Dogridge	Yes	P10
Freedom	Yes	P10 & Classic
GRN-1	Yes	P10 & Classic

Variety	Cert	P10/Classic
GRN-2	Yes	P10 & Classic
GRN-3	Yes	P10 & Classic
GRN-4	Yes	P10 & Classic
GRN-5	Yes	P10 & Classic
Harmony	Yes	P10 & Classic
Kingfisher	Yes	Classic
Matador	Yes	Classic
Minotaur	Yes	Classic
Riparia Gloire	Yes	P10 & Classic
RS-3	Yes	P10 & Classic
RS-9	Yes	P10 & Classic
Salt Creek	Yes	P10 & Classic
Schwarzmann	Yes	P10 & Classic
SO4	Yes	P10 & Classic
St. George	Yes	P10 & Classic

ENTAV-INRA® Rootstock Selections

Variety	Cert	P10/Classic
101-14	Yes	P10 & Classic
1103P	Yes	P10 & Classic
161-49	No	Classic
3309C	Yes	P10
420A	Yes	P10
420A	No	Classic

Variety	Cert	P10/Classic
5BB	Yes	Classic
Fercal	Yes	Classic
Gravesac	Yes	Classic
Riparia Gloire	No	Classic



California Certified

California Certification refers to a Clean Stock Program that was set up with the cooperation of nurseries, the California University system, the California Dept. of Food & Ag., (CDFA), and the grapevine industry.

This program has written rules, is administered by CDFA, and the site of all grapevine source mother vines and all program activities are at Foundation Plant Services, (FPS), at U.C. Davis. The source vines are submitted to FPS, tested for at least two years, and once they are deemed "clean", two vines are planted in their Foundation Block. Nurseries are required to have CDFA do a site survey to gain site approval before acquiring the FPS foundation vines to start a Registered and Certified Increase Block. Only first generation cuttings from a nurseries' registered increase block can be called "Certified." Both the rootstock and the budwood must be sourced from a registered block to qualify as certified.

Protocol 2010

Sunridge Nurseries has replaced older increase blocks with the latest, most extensively tested material available, which FPS has dubbed as the "Protocol 2010" grapevine stock material. It has been shoot-tip cultured at FPS and verified that it is virus free using both RT-PCR and TaqMan qPCR methods to screen for viruses. FPS has also compared this material with original clones, to verify that they have not been altered during the treatments before releasing them to nurseries.





*“A grower may plant just one vineyard in his lifetime,
and I want to make sure that everything is done right.*

His success is our success.”

– Glen Stoller, Founder & Proprietor

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