

Yield data of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2002).

Variety and clone / rootstock ¹	Age	Vine spacing (m)	Yield (kg/vine)	Bunch weight (g)	Pruning weight ² (g/vine)
Aligote * (2)	18	2.4 x 3.6	3.52	55.4	n/a
Andover * (14)	13	1.5 x 3.0	1.05	36.5	165
Aurora * (9)	13	1.5 x 3.0	n/a	n/a	187
Cabernet Franc * (33)	11	1.5 x 3.0	2.39	57.3	353
Cabernet Sauvignon * (30)	10	1.5 x 3.0	2.80	50.4	685
Carmin * (25)	13	1.5 x 3.0	1.97	70.8	241
Carmin (16)	7	1.5 x 3.0	0.23	51.1	46
Cayuga White (16)	11	1.5 x 3.0	n/a	n/a	174
Chardonel (15)	11	1.5 x 3.0	0.68	105.4	368
Chardonnay * (22)	18	2.4 x 3.6	3.29	n/a	612
Chardonnay (15)	7	1.5 x 3.0	0.22	66.5	79
Dolcetto / 1616 (15)	10	1.5 x 3.0	0.87	119.0	190
French Colombard * (1)	18	2.4 x 3.6	n/a	n/a	n/a
Gamay Beaujolais * (3)	18	2.4 x 3.6	2.36	32.2	n/a
Gewürztraminer * (21)	18	2.4 x 3.6	4.39	63.1	441
Gewürztraminer 457 (16)	11	1.5 x 3.0	0.74	48.5	146
La Crosse * (2)	13	1.5 x 3.0	1.89	33.7	254
Malbec * (7)	18	2.4 x 3.6	3.84	93.3	404
Malbec (16)	7	1.5 x 3.0	1.12	61.3	126
Merlot * (18)	18	2.4 x 3.6	5.35	76.4	786
Merlot 3 (16)	11	1.5 x 3.0	4.18	97.8	284
Müller Thurgau (15)	11	1.5 x 3.0	0.15	55.8	71
Muscat blanc * (20)	18	2.4 x 3.6	3.22	188.4	499
Norton (16)	11	1.5 x 3.0	0.86	37.0	294
Pinot blanc * (23)	18	2.4 x 3.6	1.33	97.6	111
Pinot blanc 159(16)	11	1.5 x 3.0	0.10	48.2	53
Pinot gris / 5C (16)	10	1.5 x 3.0	0.28	47.3	99
Pinot noir * (15)	13	1.5 x 3.0	1.45	72.2	192
Pinot noir 374 (16)	11	1.5 x 3.0	0.03	31.1	60
Pinot noir 115 / 3309 (18)	10	1.5 x 3.0	0.23	37.3	182
Riesling * (21)	17	2.4 x 3.6	3.80	85.7	265
Riesling 9 (16)	11	1.5 x 3.0	1.92	89.3	225
Rkatsiteli * (14)	13	1.5 x 3.0	0.97	37.1	277
Sangiovese (15)	11	1.5 x 3.0	0.81	118.5	326
Semillon * (18)	18	2.4 x 3.6	3.16	165.7	344
Seyval blanc * (14)	13	1.5 x 3.0	0.95	77.2	181
Seyval blanc (15)	11	1.5 x 3.0	0.61	67.8	211
Syrah (15)	11	1.5 x 3.0	3.34	198.5	319
Siegerrebe * (6)	13	1.5 x 3.0	0.31	37.6	224
Silvaner * (5)	18	2.4 x 3.6	4.29	65.6	n/a
St. Pepin * (3)	13	1.5 x 3.0	1.46	56.2	240
Symphony * (2)	13	1.5 x 3.0	3.02	66.4	387
Vignoles * (22)	13	1.5 x 3.0	0.73	94.8	364
Vignoles (17)	11	1.5 x 3.0	0.08	17.6	302
Viognier (16)	10	1.5 x 3.0	1.28	56.8	263

* furrow irrigated; drip irrigated where not shown.

¹ Clone: Not known if not shown. Rootstock: own rooted unless indicated otherwise. Number of vines shown in parenthesis.

² Vines were pruned between 28 March to 29 April 2003.

Juice composition at harvest of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2002).

Variety and clone / rootstock ¹	Harvest date	Mean berry wt (g)	Soluble solids (°Brix)	Titrateable acids (g L ⁻¹)	pH
Aligote * (2)	11 Sept.	0.97	23.9	7.154	3.217
Andover * (14)	22 Aug.	1.46	25.0	n/a	3.245
Aurora * (9)	10 Sept.	n/a	n/a	n/a	n/a
Cabernet Franc * (33)	10 Sept.	1.20	25.8	7.700	3.371
Cabernet Sauvignon * (30)	10 Sept.	0.84	25.2	8.868	3.188
Carmin * (25)	10 Sept.	0.88	26.5	10.655	3.224
Carmin (16)	10 Sept.	0.70	29.6	6.278	3.175
Cayuga White (16)	10 Sept.	n/a	n/a	n/a	n/a
Chardonel (15)	10 Sept.	1.28	25.9	8.529	3.234
Chardonnay * (7)	9 Sept.	.97	23.2	7.62	3.400
Chardonnay (15)	9 Sept.	1.01	26.4	5.793	3.506
Dolcetto / 1616 (15)	10 Sept.	1.43	25.0	4.493	3.586
French Columbard * (1)	7 Oct.	n/a	n/a	n/a	n/a
Gamay Beaujolais * (3)	10 Sept.	0.77	23.9	6.381	3.476
Gewürztraminer * (21)	3 Sept.	0.98	25.0	6.891	3.344
Gewürztraminer 457 (16)	3 Sept.	0.94	25.7	8.121	3.360
La Crosse * (2)	12 Sept.	n/a	n/a	n/a	n/a
Malbec * (7)	10 Sept.	0.99	23.7	8.571	3.355
Malbec (16)	10 Sept.	1.01	24.3	7.151	3.328
Merlot * (18)	12 Sept.	1.51	24.7	6.305	3.375
Merlot 3 (16)	12 Sept.	1.02	24.0	7.183	3.317
Müller Thurgau (15)	13 Sept.	0.98	24.6	5.807	3.473
Muscat blanc * (20)	3 Sept.	1.69	25.0	6.685	3.352
Norton (16)	10 Sept.	0.54	25.2	13.106	3.135
Pinot blanc * (23)	5 Sept.	1.04	23.4	5.850	3.505
Pinot blanc 159 (16)	5 Sept.	1.18	24.9	4.680	3.414
Pinot gris / 5C (16)	13 Sept.	0.97	24.5	6.240	3.440
Pinot noir * (15)	15 Sept.	1.17	25.0	6.282	3.419
Pinot noir 374 (16)	15 Sept.	1.23	21.8	10.042	3.278
Pinot noir 115 / 3309 (16)	15 Sept.	1.02	20.8	9.962	3.245
Riesling * (21)	9 Sept.	1.12	21.6	7.776	3.111
Riesling 9 (16)	9 Sept.	1.09	21.6	7.118	3.142
Rkatsiteli * (14)	9 Sept.	1.60	21.5	8.789	3.111
Sangiovese (15)	7 Oct.	1.43	24.8	8.665	3.126
Semillon * (18)	10 Sept.	1.50	24.8	6.157	3.457
Seyval blanc * (14)	5 Sept.	1.31	26.1	8.258	3.660
Seyval blanc (15)	5 Sept.	1.18	26.4	7.043	3.796
Syrah (15)	12 Sept.	1.44	22.8	8.120	3.501
Siegenerbe * (6)	3 Sept.	1.15	26.9	5.700	3.592
Silvaner * (5)	11 Sept.	0.99	26.3	6.719	3.236
St. Pepin * (3)	12 Sept.	n/a	n/a	n/a	n/a
Symphony * (2)	12 Sept.	n/a	n/a	n/a	n/a
Vignoles * (22)	10 Sept.	0.92	23.4	17.103	2.938
Vignoles (17)	10 Sept.	0.94	29.6	11.060	3.283
Viognier (16)	5 Sept.	0.92	24.9	10.246	3.234

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