

Yield data of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2003).

Variety and clone / rootstock ¹	Age	Vine spacing (m)	Yield (kg/vine)	Bunch weight (g)	Pruning weight ² (g/vine)
Aligote * (2)	19	2.4 x 3.6	1.77	33.1	192
Andover * (14)	14	1.5 x 3.0	1.59	42.5	113
Aurora * (9)	14	1.5 x 3.0	1.94	38.5	147
Cabernet Franc * (33)	12	1.5 x 3.0	2.47	52.1	365
Cabernet Sauvignon * (30)	11	1.5 x 3.0	4.61	59.5	566
Carmin * (25)	14	1.5 x 3.0	1.34	81.3	n/a
Carmin (16)	12	1.5 x 3.0	2.34	80.9	110
Cayuga White (16)	12	1.5 x 3.0	1.36	98.3	190
Chardonel (15)	12	1.5 x 3.0	5.25	161.9	351
Chardonnay * (22)	19	2.4 x 3.6	3.64	70.0	460
Chardonnay (15)	8	1.5 x 3.0	0.89	81.3	130
Dolcetto / 1616 (15)	11	1.5 x 3.0	3.43	171.6	236
French Colombard * (1)	19	2.4 x 3.6	n/a	n/a	n/a
Gamay Beaujolais * (3)	19	2.4 x 3.6	n/a	n/a	134
Gewürztraminer * (21)	19	2.4 x 3.6	3.10	55.7	397
Gewürztraminer 457 (16)	12	1.5 x 3.0	3.24	102.8	249
La Crosse * (2)	14	1.5 x 3.0	n/a	n/a	n/a
Malbec * (7)	19	2.4 x 3.6	6.04	95.9	n/a
Malbec (16)	8	1.5 x 3.0	2.45	87.2	198
Merlot * (18)	19	2.4 x 3.6	8.03	89.6	326
Merlot 3 (16)	12	1.5 x 3.0	5.68	110.6	281
Müller Thurgau (15)	12	1.5 x 3.0	2.03	76.4	97
Muscat blanc * (20)	19	2.4 x 3.6	6.18	158.2	483
Norton (16)	11	1.5 x 3.0	0.87	47.9	300
Pinot blanc * (23)	19	2.4 x 3.6	2.62	67.3	93
Pinot blanc 159 (16)	12	1.5 x 3.0	2.30	128.9	71
Pinot gris / 5C (16)	11	1.5 x 3.0	1.87	76.4	80
Pinot noir * (15)	14	1.5 x 3.0	2.74	79.2	334
Pinot noir 374 (16)	12	1.5 x 3.0	1.36	90.5	84
Pinot noir 115 / 3309 (16)	11	1.5 x 3.0	1.76	70.7	233
Riesling * (21)	19	2.4 x 3.6	4.60	66.7	408
Riesling 9 (16)	12	1.5 x 3.0	3.39	90.8	269
Rkatsiteli * (14)	14	1.5 x 3.0	5.59	120.5	430
Sangiovese (15)	12	1.5 x 3.0	6.08	191.3	236
Semillon * (18)	19	2.4 x 3.6	7.34	167.6	374
Seyval blanc * (14)	14	1.5 x 3.0	3.03	59.2	111
Seyval blanc (15)	12	1.5 x 3.0	3.86	88.4	217
Syrah (15)	12	1.5 x 3.0	4.37	125.2	310
Siegerrebe * (6)	14	1.5 x 3.0	2.17	54.2	168
Silvaner * (5)	19	2.4 x 3.6	3.37	45.1	185
St. Pepin * (3)	14	1.5 x 3.0	n/a	n/a	n/a
Symphony * (2)	14	1.5 x 3.0	n/a	n/a	277
Vignoles * (22)	14	1.5 x 3.0	n/a	n/a	223
Vignoles (17)	12	1.5 x 3.0	2.50	88.2	336
Viognier (16)	11	1.5 x 3.0	4.53	109.2	237

* furrow irrigated; drip irrigated where not shown.

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

² Vines were pruned in late March 2004.

Juice composition at harvest of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2003).

Variety and clone / rootstock ¹	Harvest date	Mean berry wt (g)	Soluble solids (°Brix)	Titrateable acids (g L ⁻¹)	pH
Aligote * (2)	19 Sept.	0.76	25.5	6.80	3.34
Andover * (14)	21 Aug.	1.58	23.9	18.34	3.20
Aurora * (9)	9 Sept.	1.11	26.0	7.42	3.65
Cabernet Franc * (33)	30 Sept.	1.04	30.5	8.48	3.39
Cabernet Sauvignon * (30)	9 Oct.	0.95	28.9	8.89	3.32
Carmin * (25)	19 Sept.	1.03	24.6	7.62	3.42
Carmin (16)	19 Sept.	0.76	24.8	8.02	3.22
Cayuga White (16)	26 Sept.	2.21	25.0	7.28	3.49
Chardonel (15)	29 Aug.	1.40	24.3	11.24	3.17
Chardonnay * (7)	15 Sept.	0.99	23.2	7.61	3.34
Chardonnay (15)	18 Sept.	1.24	25.1	6.89	3.52
Dolcetto / 1616 (15)	18 Sept.	1.53	24.9	5.68	3.67
French Columbard * (1)	n/a	n/a	n/a	n/a	n/a
Gamay Beaujolais * (3)	n/a	n/a	n/a	n/a	n/a
Gewürztraminer * (21)	5 Sept.	1.18	24.0	6.55	3.35
Gewürztraminer 457 (16)	5 Sept.	1.32	23.7	5.76	3.47
La Crosse * (2)	n/a	n/a	n/a	n/a	n/a
Malbec * (7)	19 Sept.	1.34	23.3	7.54	3.37
Malbec (16)	26 Sept.	1.18	26.5	7.46	3.39
Merlot * (18)	18 Sept.	1.14	25.6	7.20	3.35
Merlot 3 (16)	18 Sept.	1.17	23.9	7.58	3.32
Müller Thurgau (15)	26 Sept.	1.12	23.5	6.13	3.41
Muscat blanc * (20)	5 Sept.	1.82	22.5	5.73	3.40
Norton (16)	23 Sept.	0.59	28.0	11.18	3.41
Pinot blanc * (23)	18 Sept.	1.05	23.9	6.00	3.47
Pinot blanc 159 (16)	18 Sept.	1.31	21.0	6.11	3.37
Pinot gris / 5C (16)	25 Sept.	1.00	24.7	6.35	3.49
Pinot noir * (15)	9 Sept.	1.42	24.2	6.65	3.48
Pinot noir 374 (16)	21 Sept.	1.09	23.7	6.45	3.54
Pinot noir 115 / 3309 (16)	13 Sept.	1.04	23.6	6.52	3.64
Riesling * (21)	25 Sept.	1.18	24.5	8.47	3.26
Riesling 9 (16)	25 Sept.	1.17	22.1	8.33	3.15
Rkatsiteli * (14)	25 Sept.	1.75	22.9	9.16	3.08
Sangiovese (15)	9 Oct.	1.73	22.2	8.27	3.26
Semillon * (18)	18 Sept.	1.60	23.2	6.57	3.36
Seyval blanc * (14)	9 Sept.	1.32	23.6	7.54	3.54
Seyval blanc (15)	9 Sept.	1.19	24.6	6.60	3.60
Syrah (15)	30 Sept.	1.32	24.5	7.87	3.51
Siegenerbe * (6)	5 Sept.	0.94	23.5	6.02	3.41
Silvaner * (5)	19 Sept.	0.89	29.6	6.38	3.49
St. Pepin * (3)	n/a	n/a	n/a	n/a	n/a
Symphony * (2)	26 Sept.	0.90	30.6	8.29	3.48
Vignoles * (22)	n/a	n/a	n/a	n/a	n/a
Vignoles (17)	29 Aug.	1.03	26.0	14.16	3.20
Viognier (16)	18 Sept.	1.13	24.8	8.15	3.31

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