

Yield data of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2004).

Variety and clone / rootstock <sup>1</sup>	Age	Vine spacing (m)	Yield (kg/vine)	Bunch weight (g)	Pruning weight <sup>2</sup> (g/vine)
Aligote * (2)	20	2.4 x 3.6	n/a	n/a	n/a
Andover * (14)	15	1.5 x 3.0	0.2	41.1	n/a
Aurora * (9)	15	1.5 x 3.0	n/a	n/a	n/a
Cabernet Franc * (33)	13	1.5 x 3.0	2.01	58.9	n/a
Cabernet Sauvignon * (30)	12	1.5 x 3.0	3.04	72	n/a
Carminé * (25)	15	1.5 x 3.0	0.48	n/a	n/a
Carminé (16)	9	1.5 x 3.0	0.84	87.5	80
Cayuga White (16)	13	1.5 x 3.0	3.75	125.1	147
Chardonnay (15)	13	1.5 x 3.0	2.7	114.9	375
Chardonnay * (22)	20	2.4 x 3.6	0.62	148	n/a
Chardonnay (15)	9	1.5 x 3.0	n/a	n/a	81
Dolcetto / 1616 (15)	12	1.5 x 3.0	2.32	109.7	238
French Colombard * (1)	20	2.4 x 3.6	n/a	n/a	n/a
Gamay Beaujolais * (3)	20	2.4 x 3.6	n/a	n/a	n/a
Gewürztraminer * (21)	20	2.4 x 3.6	2.1	72.6	n/a
Gewürztraminer 457 (16)	13	1.5 x 3.0	3.23	107.8	195
La Crosse * (2)	15	1.5 x 3.0	n/a	n/a	n/a
Malbec * (7)	20	2.4 x 3.6	4.04	140	n/a
Malbec (16)	9	1.5 x 3.0	1.58	88.8	170
Merlot * (18)	20	2.4 x 3.6	4.5	106.5	n/a
Merlot 3 (16)	12	1.5 x 3.0	1.43	83.3	246
Müller Thurgau (15)	13	1.5 x 3.0	0.6	78.3	71
Muscat blanc * (20)	20	2.4 x 3.6	1.4	158.5	n/a
Norton (16)	12	1.5 x 3.0	0.96	45.4	304
Pinot blanc * (23)	20	2.4 x 3.6	0.65	94.2	n/a
Pinot blanc 159 (16)	13	1.5 x 3.0	0.94	97.6	66
Pinot gris / 5C (16)	12	1.5 x 3.0	0.16	n/a	73
Pinot noir * (15)	15	1.5 x 3.0	1.54	64.2	n/a
Pinot noir 374 (16)	13	1.5 x 3.0	0.6	78.3	51
Pinot noir 115 / 3309 (16)	12	1.5 x 3.0	2.44	93.3	258
Riesling * (21)	20	2.4 x 3.6	2.23	94.5	n/a
Riesling 9 (16)	13	1.5 x 3.0	3.3	88.3	176
Rkatsiteli * (14)	15	1.5 x 3.0	6.71	187.2	n/a
Sangiovese (15)	13	1.5 x 3.0	0.7	165.2	225
Semillon * (18)	20	2.4 x 3.6	1.04	250.9	n/a
Seyval blanc * (14)	15	1.5 x 3.0	2.18	62.9	n/a
Seyval blanc (15)	13	1.5 x 3.0	2.36	103	168
Syrah (15)	13	1.5 x 3.0	0.69	81.9	414
Siegerrebe * (6)	15	1.5 x 3.0	0.73	32.2	n/a
Silvaner * (5)	20	2.4 x 3.6	n/a	n/a	n/a
St. Pepin * (3)	15	1.5 x 3.0	n/a	n/a	n/a
Symphony * (2)	15	1.5 x 3.0	n/a	n/a	n/a
Vignoles * (22)	14	1.5 x 3.0	0.23	39.6	n/a
Vignoles (17)	13	1.5 x 3.0	0.67	47	373
Viognier (16)	12	1.5 x 3.0	2.09	100.9	272

\* furrow irrigated; drip irrigated where not shown.

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

<sup>2</sup> Vines were pruned in late March 2005.

Juice composition at harvest of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2004).

Variety and clone / rootstock <sup>1</sup>	Harvest date	Mean berry wt (g)	Soluble solids (°Brix)	Titrateable acids (g L <sup>-1</sup> )	pH
Aligote * (2)	n/a	n/a	n/a	n/a	n/a
Andover * (14)	24-Aug	1.34	22.6	16.77	n/a
Aurora * (9)	n/a	n/a	n/a	n/a	n/a
Cabernet Franc * (33)	24-Sep	1.31	26.1	7.32	3.41
Cabernet Sauvignon * (30)	08-Oct	1.06	25.2	7.51	3.49
Carmines * (25)	08-Oct	0.53	29.1	7.44	3.61
Carmines (16)	08-Oct	0.87	25.2	7.60	3.35
Cayuga White (16)	17-Sep	2.32	20.1	7.11	3.29
Chardonnay (15)	02-Sep	1.32	26.5	11.48	3.14
Chardonnay * (7)	14-Sep	1.40	21.9	8.34	3.44
Chardonnay (15)	12-Oct	1.04	24.2	12.36	3.33
Dolcetto / 1616 (15)	24-Sep	1.40	24.7	5.93	3.48
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)	13-Sep	1.19	25.7	6.48	3.47
Gewürztraminer 457 (16)	13-Sep	1.30	23.7	6.77	3.26
La Crosse * (2)	n/a	n/a	n/a	n/a	n/a
Malbec * (7)	08-Oct	1.16	21.6	7.78	3.66
Malbec (16)	08-Oct	1.33	25.9	6.41	3.60
Merlot * (18)	13-Sep	1.42	23.8	7.89	3.32
Merlot 3 (16)	13-Sep	1.17	25.8	6.29	3.35
Müller Thurgau (15)	13-Sep	1.10	24.1	5.65	3.46
Muscat blanc * (20)	03-Sep	2.19	24.4	6.42	3.37
Norton (16)	08-Oct	0.64	25.7	11.84	3.62
Pinot blanc * (23)	03-Sep	1.12	20.4	6.55	3.27
Pinot blanc 159 (16)	03-Sep	1.35	23.0	6.11	3.29
Pinot gris / 5C (16)	13-Sep	n/a	26.5	6.74	3.45
Pinot noir * (15)	13-Sep	1.64	26.4	7.81	3.49
Pinot noir 374 (16)	13-Sep	1.12	26.4	6.41	3.50
Pinot noir 115 / 3309 (16)	13-Sep	1.15	24.0	6.69	3.52
Riesling * (21)	08-Oct	1.31	22.4	7.64	3.33
Riesling 9 (16)	08-Oct	1.24	21.7	7.45	3.27
Rkatsiteli * (14) 1 <sup>st</sup> pick	17-Sep	1.88	18.9	8.52	3.20
Rkatsiteli * (14) 2 <sup>nd</sup> pick	8-Oct	2.12	21.3	7.62	3.34
Rkatsiteli * (14) 3 <sup>rd</sup> pick	19-Oct	2.01	23.6	8.00	3.17
Sangiovese (15)	08-Oct	1.88	24.3	7.69	3.37
Semillon * (18)	03-Sep	1.92	21.9	7.78	3.22
Seyval blanc * (14)	17-Sep	1.40	21.9	8.50	3.46
Seyval blanc (15)	15-Sep	1.28	24.5	6.81	3.53
Syrah (15)	08-Oct	1.37	27.3	6.55	3.75
Siegerrebe * (6)	13-Sep	0.75	24.1	5.03	3.61
Silvaner * (5)	n/a	n/a	n/a	n/a	n/a
St. Pepin * (3)	n/a	n/a	n/a	n/a	n/a
Symphony * (2)	n/a	n/a	n/a	n/a	n/a
Vignoles * (22)	12-Oct	1.15	26.3	18.17	2.96
Vignoles (17)	12-Oct	0.98	29.2	15.17	3.07
Viognier (16)	03-Sep	1.31	24.2	9.90	3.12

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