

Yield data of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2001).

Variety and clone / rootstock ¹	Age	Vine spacing (m)	Yield (kg/vine)	Bunch weight (g)	Pruning weight ² (g/vine)
Aligote * (2)	17	2.4 x 3.6	3.72	34.1	179
Andover * (14)	12	1.5 x 3.0	1.04	26.0	156
Aurora * (9)	12	1.5 x 3.0	1.76	20.7	138
Cabernet Franc * (33)	10	1.5 x 3.0	3.41	39.8	452
Cabernet Sauvignon * (30)	9	1.5 x 3.0	3.13	35.6	434
Carmin * (25)	12	1.5 x 3.0	1.43	41.0	n/a
Carmin (16)	6	1.5 x 3.0	1.33	43.3	42
Cayuga White (16)	10	1.5 x 3.0	2.46	78.2	52
Chardonel (15)	10	1.5 x 3.0	4.52	93.8	192
Chardonnay * (22)	17	2.4 x 3.6	5.47	65.6	627
Chardonnay (15)	6	1.5 x 3.0	0.80	29.8	73
Dolcetto / 1616 (15)	9	1.5 x 3.0	4.19	77.6	90
French Colombard * (1)	17	2.4 x 3.6	12.19	179.3	1318
Gamay Beaujolais * (3)	17	2.4 x 3.6	1.33	15.5	n/a
Gewürztraminer * (21)	17	2.4 x 3.6	4.54	44.6	308
Gewürztraminer 457 (16)	10	1.5 x 3.0	2.81	53.5	107
La Crosse * (2)	12	1.5 x 3.0	3.27	33.7	n/a
Malbec * (7)	17	2.4 x 3.6	7.17	66.8	n/a
Malbec (16)	6	1.5 x 3.0	1.16	47.5	101
Merlot * (18)	17	2.4 x 3.6	5.61	71.1	276
Merlot 3 (16)	10	1.5 x 3.0	4.00	77.8	306
Müller Thurgau (15)	10	1.5 x 3.0	2.55	41.7	61
Muscat blanc * (16)	17	2.4 x 3.6	7.17	126.5	344
Norton (16)	10	1.5 x 3.0	2.17	46.7	307
Pinot blanc * (23)	17	2.4 x 3.6	4.52	63.9	83
Pinot blanc 159 (16)	10	1.5 x 3.0	2.66	54.4	46
Pinot gris / 5C (16)	9	1.5 x 3.0	1.92	49.1	69
Pinot noir * (15)	12	1.5 x 3.0	2.91	43.2	121
Pinot noir 374 (16)	10	1.5 x 3.0	2.25	43.6	34
Pinot noir 115 / 3309 (16)	9	1.5 x 3.0	1.70	44.1	45
Riesling * (21)	17	2.4 x 3.6	6.69	51.0	240
Riesling 9 (16)	10	1.5 x 3.0	3.39	58.7	151
Rkatsiteli * (14)	12	1.5 x 3.0	6.19	108.2	436
Sangiovese (15)	10	1.5 x 3.0	2.16	114.4	116
Semillon * (18)	17	2.4 x 3.6	9.67	129.8	249
Seyval blanc * (14)	12	1.5 x 3.0	2.99	43.5	139
Seyval blanc (15)	10	1.5 x 3.0	2.37	41.8	50
Shiraz (15)	10	1.5 x 3.0	3.51	77.2	258
Siegeerrebe * (6)	12	1.5 x 3.0	1.48	33.2	65
Silvaner * (5)	17	2.4 x 3.6	3.42	29.5	n/a
St. Pepin * (3)	12	1.5 x 3.0	2.22	35.4	n/a
Symphony * (2)	12	1.5 x 3.0	2.81	34.9	n/a
Vignoles * (22)	12	1.5 x 3.0	0.84	33.1	268
Vignoles (17)	10	1.5 x 3.0	0.98	38.1	212
Viognier (16)	9	1.5 x 3.0	4.80	65.4	216

* 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 April 2002.

Juice composition at harvest of 35 varieties growing at the Western Colorado Research Center at Orchard Mesa (2001).

Variety and clone / rootstock ¹	Harvest date	Mean berry wt (g)	Soluble solids (°Brix)	Titrateable acids (g L ⁻¹)	pH
Aligote * (2)	18 Sept.	1.00	24.9	5.75	3.44
Andover * (14)	31 Aug.	1.21	27.9	12.53	3.37
Aurora * (9)	17 Sept.	0.87	28.4	6.37	3.95
Cabernet Franc * (33)	6 Sept.	1.10	26.7	7.55	3.27
Cabernet Sauvignon * (30)	27 Sept.	0.79	30.3	9.70	3.25
Carminé * (25)	17 Sept.	0.67	27.2	5.86	3.48
Carminé (16)	17 Sept.	0.64	28.1	6.65	3.5
Cayuga White (16)	18 Sept.	2.20	22.0	6.11	3.47
Chardonnay (15)	11 Sept.	1.30	28.3	11.56	3.24
Chardonnay * (22)	10 Sept.	1.04	25.2	7.57	3.40
Chardonnay (15)	25 Sept.	n/a	27.9	4.68	3.80
Dolcetto / 1616 (15)	17 Sept.	1.30	24.8	4.69	3.86
French Colombard * (1)	18 Sept.	1.97	20.1	12.67	3.05
Gamay Beaujolais * (3)	18 Sept.	0.78	26.2	6.20	3.60
Gewürztraminer * (21)	31 Aug.	1.01	24.4	6.30	3.39
Gewürztraminer 457 (16)	31 Aug.	1.07	23.1	6.55	3.24
La Crosse * (2)	27 Sept.	0.95	25.4	6.60	4.04
Malbec * (7)	17 Sept.	1.10	26.3	6.63	3.54
Malbec (16)	17 Sept.	0.90	26.8	5.36	3.64
Merlot * (18)	6 Sept.	1.05	25.5	7.62	3.14
Merlot 3 (16)	6 Sept.	1.06	24.8	7.78	3.18
Müller Thurgau (15)	18 Sept.	0.97	25.3	5.72	3.53
Muscat blanc * (16)	17 Sept.	1.23	23.1	4.81	3.49
Norton (16)	17 Sept.	0.64	26.7	10.73	3.44
Pinot blanc * (23)	12 Sept.	1.13	24.9	5.89	3.52
Pinot blanc 159 (16)	12 Sept.	1.20	25.4	5.83	3.38
Pinot gris / 5C (16)	31 Aug.	0.91	23.0	6.55	3.38
Pinot noir * (15)	6 Sept.	1.37	26.4	8.27	3.17
Pinot noir 374 (16)	6 Sept.	1.05	22.6	7.11	3.29
Pinot noir 115 / 3309 (16)	6 Sept.	1.11	23.4	7.22	3.39
Riesling * (21)	21 Sept.	1.15	23.6	9.56	3.13
Riesling 9 (16)	21 Sept.	1.03	23.2	8.42	3.15
Rkatsiteli * (14)	21 Sept.	1.83	24.3	9.43	3.17
Sangiovese (15)	15 Oct.	1.53	26.1	8.27	3.41
Semillon * (18)	18 Sept.	1.58	23.4	6.05	3.38
Seyval blanc * (14)	18 Sept.	0.99	24.1	7.27	3.81
Seyval blanc (15)	18 Sept.	1.01	25.2	6.15	3.98
Shiraz (15)	27 Sept.	1.23	27.3	7.79	3.64
Siegeerrebe * (6)	18 Sept.	0.93	26.9	5.20	3.61
Silvaner * (5)	18 Sept.	0.81	32.8	6.26	3.52
St. Pepin * (3)	n/a	n/a	n/a	n/a	n/a
Symphony * (2)	18 Sept.	0.70	32.1	5.81	3.41
Vignoles * (22)	18 Sept.	0.71	34.6	11.94	3.39
Vignoles (17)	18 Sept.	0.71	33.0	13.12	3.44
Viognier (16)	11 Sept.	1.02	25.4	10.64	3.11

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