

2023 Harvest Labs

Date Sampled	VARIETY	Ammonia	Brix	Fructose	Glucose	Lactic Acid	Malic Acid	N-OPA	pH	K	TA	YAN	Grape Availability
11/2	Late Harvest Muscat	33	31.63	166.80	148.60	1.70	1.09	122	3.50	1451	4.6	149	5 tons
11/2	Late Harvest Tannat	46	32.10	166.50	151.50	1.90	1.50	117	3.42	1316	5.2	155	20 tons
11/2	Late Harvest Chardonnay	50	30.00	151.40	118.60	1.10	0.93	167	3.90	2166	3.1	208	25 tons
11/2	Tempranillo	44	24.81	128.20	117.10	1.00	1.74	117	3.62	1352	3.6	153	25 tons
10/19	Petite Sirah	45	25.07	128.20	117.90	1.20	1.35	169	3.59	1124	3.8	206	25 tons
10/19	Teroldego	8	26.80	143.00	132.10	1.10	1.45	58	3.55	1520	3.9	65	25 tons
10/19	Aglianico	66	21.74	110.50	97.90	0.90	1.48	107	3.55	1071	5.20	161	Sold Out
10/19	Barbera	82	23.33	118.40	106.00	1.10	3.15	175	3.35	1220	6.90	242	Sold Out
10/19	Cabernet Franc	22	23.00	121.00	99.70	1.10	1.63	125	3.90	1971	3.10	143	Sold Out
10/19	Cabernet Sauvignon	9	24.83	126.40	117.60	0.90	1.39	70	3.51	1321	4.00	77	Sold Out
10/19	Chardonnay	65	24.40	126.20	106.00	1.00	2.80	159	3.92	2151	4.40	212	25+ tons
10/19	Malbec	48	23.95	121.80	113.00	0.70	1.74	107	3.51	1297	4.30	146	25+ tons
10/19	Petit Verdot	38	24.96	125.70	117.30	1.00	3.60	108	3.59	1472	5.10	139	Sold Out
10/19	Petite Sirah	45	25.07	128.20	117.90	1.20	1.35	169	3.59	1124	3.80	206	25+ tons
10/19	Pinot Noir	85	27.04	138.20	130.10	0.80	1.01	156	3.56	913	3.80	226	25+ tons
10/19	Tannat	42	27.28	139.30	128.10	1.10	2.14	90	3.27	892	5.60	124	25+ tons
10/19	Tempranillo	53	24.78	128.10	114.15	0.75	1.61	124	3.66	1602	3.3	167	25+ tons
10/19	Teroldego	42	23.60	120.10	112.00	0.90	2.66	125	3.78	1798	4.10	159	25+ tons
10/12	Aglianico	71	20.22	100.10	91.70	0.90	2.43	108	3.41	995	6.20	166	Sold Out
10/12	Barbera	81	22.68	114.20	103.20	1.00	3.55	170	3.32	1242	7.20	236	Sold Out
10/12	Cabernet Franc	27	22.57	118.80	99.50	1.20	1.68	128	3.82	1584	3.20	150	Sold Out
10/12	Cabernet Sauvignon	18	26.00	120.90	114.20	0.80	1.67	76	3.53	1307	3.90	91	25+ tons
10/12	Chardonnay	71	24.10	125.60	104.80	1.00	2.64	180	3.89	1837	4.10	238	25+ tons
10/12	Malbec	48	23.95	121.80	113.00	0.70	1.74	107	3.51	1297	4.30	146	25+ tons
10/12	Nebbiolo	48	24.65	126.00	115.40	1.10	1.43	104	3.39	910	5.20	143	Sold Out
10/12	Petit Verdot	38	24.61	124.00	116.30	1.20	4.11	114	3.55	1404	5.50	145	Sold Out
10/12	Petite Sirah	43	25.30	128.90	118.75	1.15	1.21	153	3.65	1143	3.4	188	25+ tons
10/12	Tannat	48	26.47	135.00	127.40	0.90	2.33	80	3.25	866	5.80	119	25+ tons
10/12	Tempranillo	46	24.01	122.10	113.40	0.60	1.72	101	3.53	1257	3.70	139	25+ tons
10/12	Teroldego	16	25.86	131.90	124.20	1.00	1.90	67	3.58	1440	3.80	80	25+ tons
10/5	Aglianico	67	20.42	99.90	94.60	0.80	2.97	103	3.36	1171	6.60	158	Sold Out
10/5	Barbera	95	22.82	114.60	104.60	0.90	3.40	169	3.26	1033	7.40	247	Sold Out
10/5	Cabernet Franc	35	20.90	107.40	92.70	0.80	2.52	133	3.72	1627	4.10	162	4 tons
10/5	Cabernet Sauvignon	28	25.66	131.40	122.60	0.90	1.02	87	3.68	1314	3.30	110	20 tons
10/5	Chardonnay	76	23.72	122.10	105.50	0.90	2.61	166	3.73	1435	4.60	228	25+ tons
10/5	Grenache	53	23.67	119.30	114.40	0.80	1.80	123	3.46	1193	4.50	166	1 ton
10/5	Malbec	42	23.31	120.30	107.30	0.50	1.28	97	3.54	1353	4.00	131	5 tons
10/5	Nebbiolo	54	23.16	116.20	109.30	1.10	2.04	104	3.33	931	5.70	148	Sold Out
10/5	Petit Verdot	37	24.50	123.00	116.30	1.00	3.74	121	3.65	1623	4.80	151	Sold Out
10/5	Petite Sirah	57	23.85	119.40	114.50	0.90	1.62	157	3.51	1031	4.30	204	25+ tons
10/5	Primitivo	62	24.50	123.20	115.10	0.90	3.53	144	3.65	1506	4.80	195	Sold Out
10/5	Syrah	33	24.52	122.90	117.80	0.90	2.25	121	3.71	1686	3.50	148	25+ tons
10/5	Tannat	54	25.51	128.05	122.30	0.80	2.51	98	3.33	1104	5.7	142	13 tons
10/5	Tempranillo	27	24.98	128.50	117.60	0.90	1.58	86	3.63	1634	3.40	108	25+ tons
10/5	Teroldego	20	25.72	130.90	125.50	0.90	1.81	59	3.47	1280	4.20	75	25+ tons
10/5	Verdejo	45	20.71	104.90	94.60	0.60	1.38	132	3.57	1416	4.20	169	Sold Out
9/28	Aglianico	68	19.99	97.3	93.6	0.8	2.77	101	3.33	1129	6.5	157	Sold Out
9/28	Barbera	92	22.84	113.4	105.5	0.7	3.52	176	3.30	1153	7.2	251	Sold Out
9/28	Cabernet Franc	36	20.88	108.4	92.8	0.9	1.59	119	3.70	1358	3.6	149	4 tons
9/28	Cabernet Sauvignon	23	23.63	119.5	112.7	0.9	1.53	79	3.50	1247	4.10	97	20 tons
9/28	Chardonnay	44	23.57	123.2	104.6	0.8	1.68	150	3.70	1705	3.6	186	25+ tons
9/28	Grenache	48.00	23.99	121.7	114.0	0.8	1.62	124	3.47	1315	4.23	164	1 ton
9/28	Malbec	43	23.00	116.9	108.0	0.6	1.30	92	3.52	1446	4.2	127	5 tons
9/28	Muscat Canelli	24	20.89	107.0	96.2	0.7	1.24	65	3.42	1015	4.5	85	23 tons
9/28	Nebbiolo	60	22.74	114.4	106.5	0.9	2.18	100	3.24	859	6.3	149	Sold Out
9/28	Petit Verdot	42	22.75	112.7	107.7	1.0	4.34	115	3.51	1502	5.8	149	Sold Out

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9/28	Petite Sirah	62	22.62	112.9	107.7	1.0	1.89	159	3.46	1030	4.7	210	25+ tons
9/28	Pinot Noir	49	25.59	129.0	119.9	0.8	1.47	116	3.47	957	4.10	156	25+tons
9/28	Primitivo	80	24.04	120.1	112.1	0.7	2.92	178	3.76	1700	4.2	244	Sold Out
9/28	Syrah	38	23.94	118.2	115.8	0.8	2.30	115	3.61	1592	4	146	25+ tons
9/28	Tannat	40	26.04	133.7	128.0	0.9	2.28	91	3.39	1192	4.85	123	13 tons
9/28	Tempranillo	58	23.34	117.3	19.6	0.6	2.15	121	3.64	1613	3.90	168	25+ tons
9/28	Teroldego	21	24.79	124.7	119.1	0.9	2.07	65	3.52	1413	4.20	82	25+ tons
9/28	Verdejo	54	21.23	106.2	98.7	0.6	1.69	149	3.62	1465	4.2	193	Sold Out
9/21	Aglianico	101	18.52	86.3	85.6	0.6	5.01	112	3.16	1,264	9.3	195	
9/21	Barbera	88	22.06	108.1	102.4	0.9	4.15	168	3.22	1,438	8.1	240	
9/21	Cabernet Franc	18	20.66	106.2	91.4	0.6	1.93	93	3.66	1,875	4.2	108	
9/21	Cabernet Sauvignon	18	23.52	118.4	112.4	0.6	1.44	73	3.54	1,466	4.1	88	
9/21	Chardonnay	63	22.07	111.7	98.7	0.7	2.18	152	3.71	1,814	4.6	203	
9/21	Chenin Blanc	17	23.07	114.2	112.9	0.8	2.84	50	3.31	1,364	5.2	64	
9/21	Grenache	46	21.92	108.0	104.7	0.7	2.39	101	3.33	1,389	5.7	139	
9/21	Malbec	49	22.32	111.9	105.3	0.5	1.81	94	3.47	1,434	4.6	134	
9/21	Muscat Canelli	23	20.28	103.2	93.4	0.6	1.03	61	3.40	1,194	4.7	80	
9/21	Nebbiolo	43	22.87	114.3	108.8	0.7	2.14	74	3.18	1,142	6.6	109	
9/21	Petit Verdot	38	21.55	105.0	100.6	0.9	5.22	96	3.32	1,649	7.6	127	
9/21	Petite Sirah	17	23.19	116.9	109.7	0.8	1.31	109	3.55	1,490	3.9	123	
9/21	Primitivo	74	22.95	112.9	108.5	0.8	2.98	152	3.59	1,529	5.1	213	
9/21	Syrah	34	22.64	112.3	108.8	0.7	2.78	102	3.47	1,465	4.9	130	
9/21	Tannat	54	22.80	112.6	108.7	0.8	2.88	127	3.53	1,497	5.0	172	
9/21	Tempranillo	44	22.72	112.5	108.7	0.7	2.83	115	3.50	1,481	5.0	151	
9/21	Teroldego	49	22.76	112.5	108.7	0.7	2.86	121	3.52	1,489	5.0	161	
9/21	Verdejo	40	19.97	100.2	91.6	0.6	1.65	125	3.52	1,625	4.7	158	
9/21	Viognier	48	23.26	118.1	105.7	1.2	2.58	207	3.89	2,396	3.7	246	
9/14	Aglianico	136	17.53	78.4	81.1	0.6	6.66	116	2.98	1083	11.4	228	
9/14	Alicante Bouschet	21	22.61	111.8	108.8	0.6	2.53	87	3.55	1483	4.4	104	
9/14	Barbera	104	21.21	101.3	98.4	0.9	5.67	149	3.04	1308	10.4	234	
9/14	Cabernet Franc	47.00	19.63	97.90	89.80	0.80	2.59	108.00	3.42	1,159.00	5.40	147.00	
9/14	Cabernet Sauvignon	23	21.84	107	105.8	0.7	2.51	63	3.33	1277	5.6	82	
9/14	Chardonnay	71.50	22.06	110.45	100.25	0.75	2.96	160.50	3.61	1,596.00	53.00	219.50	
9/14	Chenin Blanc	28	23.01	113.4	113.8	0.8	2.77	74	3.29	1168	5.4	97	
9/14	Grenache	74.50	20.69	100.05	99.70	0.65	2.42	112.50	3.25	1,013.00	6.15	174.00	
9/14	Malbec	65	21.86	109.1	103.9	0.5	2.16	95	3.4	1257	5	148	
9/14	Muscat Canelli	28	19.75	99.1	90.7	0.6	1.24	62	3.33	1007	5.2	85	
9/14	Nebbiolo	59	21.78	107.2	103.1	0.9	2.69	77	3.11	860	7.4	125	
9/14	Petite Sirah	23	20.07	99	95.5	1.1	2.23	86	3.28	1138	5.6	105	
9/14	Pinot Noir	34	23.06	116.3	109.6	0.9	2.08	88	3.35	1145	5.3	116	
9/14	Primitivo	89	22.67	109.5	107.7	0.7	3.73	149	3.48	1472	6.1	222	
9/14	Sauvignon Blanc	64	21.66	106.5	104.5	0.4	1.75	128	3.39	1221	5.2	180	
9/14	Tannat	24	24.5	126.3	122.7	0.8	2.77	57	3.27	1280	6	77	
9/14	Tempranillo	59.00	22.53	112.73	106.17	0.60	2.54	105.00	3.53	1,479.00	4.60	153.33	
9/14	Teroldego	67	21.33	102.7	101.2	0.9	5.59	115	3.37	1498	7.2	170	
9/14	Verdejo	76	19.82	97.5	91.5	0.6	2.53	151	3.43	1306	5.7	213	
9/14	Viognier	78	22.91	114.4	106.1	1	2.79	236	3.72	1806	4.4	300	
9/7	Aglianico	133	16.09	70	73.2	0.6	8.91	98	2.9	1149	13.4	207	
9/7	Barbera	106	19.43	90.6	90.1	0.8	6.99	139	2.99	1251	11.4	226	
9/7	Cabernet Franc	35	18.03	88.3	83.3	0.8	3.47	91	3.37	1139	5.7	120	
9/7	Cabernet Sauvignon	26	20.6	100.8	100.7	0.8	2.79	56	3.26	1070	5.9	77	
9/7	Chardonnay	78.00	20.43	101.00	94.00	0.80	3.56	166.00	3.49	1,287.50	5.57	230.00	
9/7	Chenin Blanc	30	21.42	103.8	105.7	0.9	3.48	74	3.24	1153	6.1	99	
9/7	Grenache	64.75	20.58	99.67	100.625	0.57	2.35	98	3.25	959.5	5.77	151	
9/7	Malbec	63	20.68	102.2	98.8	0.4	2.72	86	3.33	1212	5.6	138	
9/7	Mourvedre	57	18.75	91.6	87.4	0.7	2.92	126	3.44	1287	5.2	173	
9/7	Muscat	17.00	22.21	112.50	105.50	0.50	1.47	61.00	3.38	1,266.00	4.80	75.00	

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9/7	Nebbiolo	58	20.02	96.6	95.3	0.8	3.84	71	3	892	8.5	119	
9/7	Petite Sirah	27	18.43	89.9	87.7	1	2.54	78	3.22	947	6	100	
9/7	Pinot Gris	7	21.89	109.8	105.8	0.7	2.21	50	3.34	1089	4.7	56	
9/7	Pinot Noir	60	23.04	115.6	110.3	0.7	2	114	3.31	930	5.5	163	
9/7	Primitivo	93	21.29	102.6	101.7	0.7	3.99	151	3.45	1251	6.1	227	
9/7	Sauvignon Blanc	58	19.79	96	95.5	0.4	2.05	102	3.3	1084	5.7	150	
9/7	Tannat	28	22.72	112.2	108.6	0.8	3.84	61	3.19	1221	7	84	
9/7	Tempranillo	39	22.34	111.3	106.6	0.7	2.72	81	3.46	1416	4.8	113	
9/7	Teroldego	66	20.07	95.5	95	1.1	6.27	119	3.37	1648	7.6	173	
9/7	Verdejo	77	19.69	96	93.2	0.6	2.56	151	3.42	1176	5.4	214	
9/7	Viognier	84	19.41	95.5	89.4	0.9	3.15	186	3.57	1448	4.9	255	
8/31	Aglianico	151	15.83	67.7	72	0.6	8.98	110	2.9	1221	13.6	234	
8/31	Albareño	33	22.69	111.4	108.5	0.8	3.32	74	3.29	1725	6.8	101	
8/31	Alicante Bouschet	24	20.1	97.1	97.1	0.7	3.44	77	3.39	1255	5.5	97	
8/31	Barbera	113	19.34	88.7	88	0.7	7.06	154	3.02	2019	12.8	247	
8/31	Cabernet Franc	35	18.15	87	83.1	0.6	3.69	93	3.28	1728	7.6	122	
8/31	Chardonnay	46	19.51	95.1	90.5	0.8	3.08	123	3.44	1626	6	161	
8/31	Chenin Blanc	38	19.57	92.9	95.3	0.8	4.76	86	3.18	1331	7.4	117	
8/31	Gewürztraminer	106	21.51	104.4	102.8	0.2	2.56	178	3.5	1716	5.4	265	
8/31	Grenache	84.33	18.88	89.10	91.53	0.53	2.94	107.00	3.17	1,037.00	6.93	176.33	
8/31	Malbec	71	20.01	97.2	94.8	0.4	3.69	94	3.29	1394	6.6	152	
8/31	Muscat Canelli	22	21.56	107.8	101.5	0.7	1.87	65	3.33	1296	5.4	83	
8/31	Petite Sirah	68	17.05	79.5	79.4	0.8	4.11	115	3.12	1225	8.4	171	
8/31	Pinot Gris	18	20.43	100.2	98.1	0.6	2.53	56	3.28	1332	5.8	71	
8/31	Pinot Noir	50	21.67	106.43	103.37	0.57	2.63	94.67	3.23	1,270.33	6.53	135.67	
8/31	Primitivo	101	20.55	97.8	97	0.5	4.19	164	3.44	1637	6.8	247	
8/31	Sauvignon Blanc	66	18.88	90.5	90.5	0.4	2.74	107	3.23	1160	6.4	161	
8/31	Syrah	39	20.49	98.4	97.3	0.8	3.75	92	3.28	1666	7.2	124	
8/31	Tannat	30	21.28	102.3	100.8	0.6	5.26	47	3.03	1618	9.6	72	
8/31	Tempranillo	61.67	21.22	104.23	100.83	0.60	3.39	101.67	3.43	1,578.67	5.50	152.33	
8/31	Teroldego	80	18.46	84.8	84.4	1	7.66	121	3.23	2061	10.5	187	
8/31	Verdejo	37	19.68	95.7	93.7	0.6	2.66	106	3.43	1632	5.6	136	
8/31	Viognier	94	18.96	90.5	86.9	0.7	4.04	194	3.51	1999	6.6	271	
8/24	Alicante Bouchet	19	18.47	87.9	89.2	0.8	4.01	56	3.27	1145	6.3	72	
8/24	Barbera	121	16.7	72.4	47.8	0.8	10.4	116	2.88	1670	15.7	2151	
8/24	Chardonnay	54	17.61	85.1	81.6	0.7	2.82	122	3.35	1261	6	166	
8/24	Chenin Blanc	33.5	19.245	90.35	94.6	0.8	5.28	56.5	3.095	1218	8.05	84	
8/24	Gewurztraminer	125	19.3	91.2	91.5	0.2	3.48	173	3.4	1528	6.3	276	
8/24	Grenache	92.67	17.00	78.10	81.87	0.40	3.54	92.33	3.11	1,025.33	7.73	168.33	
8/24	Malbec	79	18.16	85.8	86.1	0.4	4.45	81	3.17	1284	7.6	146	
8/24	Muscat	30	18.4	89.5	86.3	0.6	3.23	61	3.23	1267	6.6	86	
8/24	Pinot Gris	25.5	19.48	95.4	92.7	0.65	2.97	76	3.335	1368.5	5.7	69.5	
8/24	Pinot Noir	60.5	20.46	99.1	98.2	0.55	3.04	93.5	3.18	1083	7	143	
8/24	Primitivo	109	18.44	85.7	86.8	0.6	5.16	142	3.3	1337	7.9	231	
8/24	Sauvignon Blanc	70.75	22.70	108.80	111.20	0.43	3.22	109.75	3.20	1,375.25	7.33	167.75	
8/24	Syrah	44	18.32	86.3	87.3	0.7	4.31	74	3.15	1469	8.1	110	
8/24	Tempranillo	70	19.6	95	92	0.4	3.14	102	3.43	1522	5.6	159	
8/24	Verdejo	46	17.68	83.7	83.8	0.5	3.92	93	3.31	1624	6.8	131	
8/24	Viognier	104	17	78.9	78	0.6	4.68	161	3.35	1624	7.5	246	
8/18	Chardonnay	61	16.37	78.2	76.7	0.7	3.24	121	3.31	999	6	171	
8/18	Chenin Blanc	59	16.58	74	80.3	1	8.35	74	2.96	1117	10.8	122	
8/18	Muscat	39	17.37	83.3	81.8	0.7	3.96	64	3.15	1067	7.4	96	
8/18	Pinot Gris	39	19.58	96	93.4	0.8	3.24	96	3.3	971	5.6	128	
8/18	Pinot Noir	83	19.06	90.4	90.9	0.5	4.67	100	3.05	946	8.6	168	
8/18	Primitivo	128	17.72	81.5	83.2	0.6	6.32	150	3.23	1105	8.6	255	
8/18	Sauvignon Blanc	91	21.99	105.8	108.5	0.6	3.46	123	3.16	925	7.1	198	
8/18	Syrah	55	16.71	77.2	79.1	0.9	6	75	3.03	1063	9.3	120	

2023 Harvest Labs

Date Sampled	VARIETY	Ammonia	Brix	Fructose	Glucose	Lactic Acid	Malic Acid	N-OPA	pH	K	TA	YAN	Grape Availability
8/18	Tempranillo	74	18.53	89.1	87.9	0.7	4.08	99	3.34	1142	6	160	
8/18	Verdejo	55	16.37	76.4	77.4	0.7	4.72	90	3.18	1085	7.5	135	
8/18	Viognier	127	15.26	68.8	69.9	0.8	5.99	169	3.27	1157	8	273	