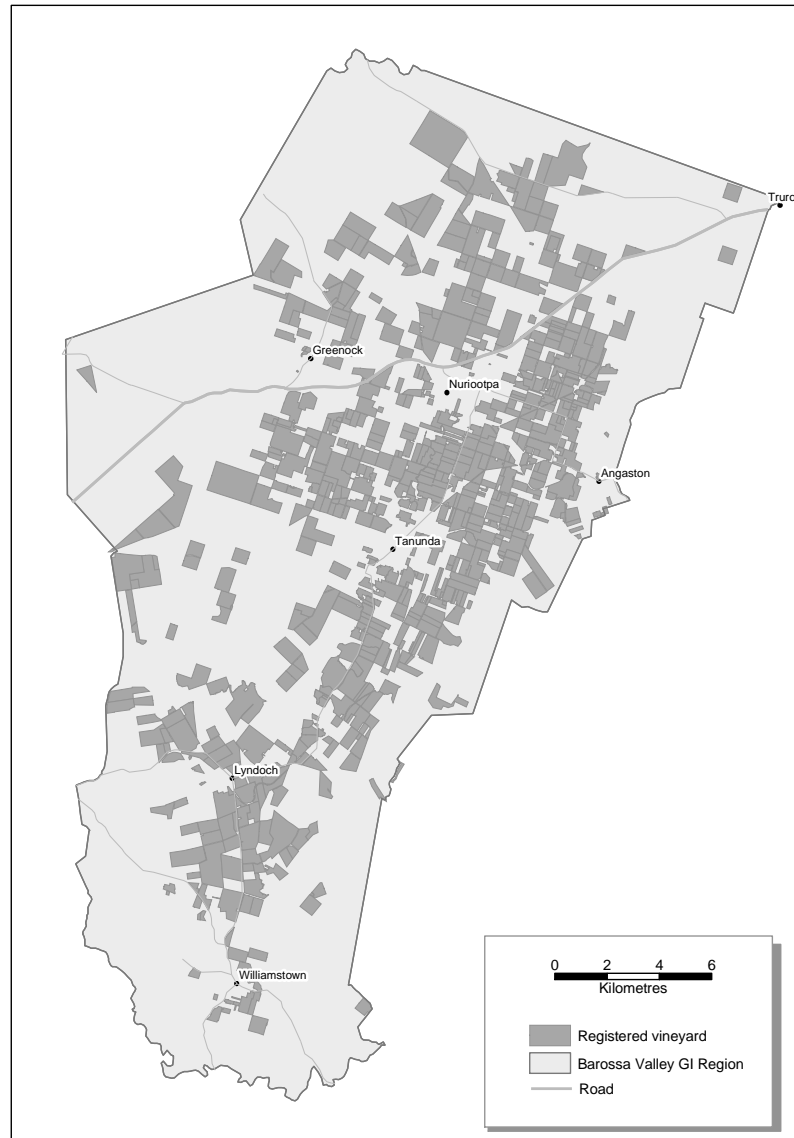


BAROSSA VALLEY VINTAGE OVERVIEW



Vintage report

Season 2002/03 was a mixed bag of hot dry conditions, dominated by a single heavy rainfall event with a consequent decline in grape quality for wine, and autumn came early. Despite the difficulties, berries were relatively disease free and ripened adequately in terms of both sugar and flavour development.

Several high wind events occurred in October leading to occasional shoot damage, but otherwise spring was uneventful.

After a cool start, the summer months were hot, and high winds were still a feature. Vines began to show signs of heat and water stress by the end of January.

In late February there were two days of widespread rain, which caused extensive splitting and subsequent berry shrivel in Semillon and Riesling and to a lesser extent in Shiraz and Grenache.

After the rain in February, autumn came quickly, bringing cool temperatures but fortunately little rain. April cleared into warm, sunny weather ideal for ripening the last few blocks.

A late start to sampling and the compressed ripening led to considerable pressure for all concerned in getting blocks ready for harvest. In spite of the difficulties, some growers had better results than ever before with Semillon and Riesling.

The high number of shriveled berries did, however, reduce the overall quality of some blocks as these shriveled berries retained immature flavours. The combination of shriveled berries and winemakers' request to delay harvest until development of desired flavours led to high baumé levels at grape receipt.

Andrew Holly, Orlando Wyndham

Overview of vintage statistics

There were 48,829 tonnes crushed from Barossa Valley vineyards in 2003 – nearly 10,000 tonnes down on the 2002 crush. There was a 6,000 tonne shortfall, made up almost entirely of Shiraz and Chardonnay. Semillon was down by 50% compared with last year, but still showed a slight surplus.

The calculated average purchase value of all the major red varieties was down - in the case of Shiraz and Cabernet Sauvignon by over \$200 per tonne. The average purchase value of the major white varieties, on the other hand, were up, with the exception of Semillon.

The forecast is for growth of around 10,000 tonnes in red varieties over the five year forecast period, with supply and demand being generally in balance overall. Shiraz shows a slight shortfall in each year, and Cabernet Sauvignon an over-supply, which is a reversal of the forecasts made in last year's survey for these two varieties. Shiraz is expected to further increase its share of the region's total production from 42% in 2004 to nearly 50% by 2008.

White varieties are expected to show little growth over the next five years, and there is an anticipated shortfall of around 10% overall in each forecast year.

There were 402 hectares of Shiraz planted in 2002 - making a 10% increase in that variety and accounting for two thirds of the total new plantings.

BAROSSA VALLEY* CURRENT PLANTINGS BY VARIETY AND YEAR PLANTED

Table 4.1

Area in hectares by year planted

Variety	Pre-99	1999	2000	2001	2002	Total	% planted 2002
RED WINEGRAPES							
CABERNET FRANC	56	0	3	1	0	59	0%
CABERNET SAUVIGNON	883	102	146	186	59	1376	4%
GRENACHE	558	26	19	11	25	639	4%
MALBEC	20	0	0	0	0	20	0%
MATARO	96	7	13	21	2	139	1%
MERLOT	147	28	28	59	40	302	13%
NEBBIOLO	0	5	10	0	0	16	1%
PETIT VERDOT	6	4	1	13	0	24	0%
PINOT NOIR	76	2	1	0	0	79	0%
SANGIOVESE	12	1	6	0	0	19	1%
SHIRAZ	2502	387	308	356	402	3954	10%
TEMPRANILLO	0	0	3	16	6	26	24%
OTHER RED	36	3	9	4	1	54	2%
TOTAL RED WINEGRAPES	4392	567	547	667	534	6707	8%
WHITE WINEGRAPES							
CHARDONNAY	509	0	8	6	21	544	4%
CHENIN BLANC	57	0	0	0	0	57	0%
MARSANNE	1	1	0	0	2	3	55%
MUSCAT BLANC	51	0	0	0	0	51	0%
RIESLING	345	5	11	6	27	394	7%
SAUVIGNON BLANC	91	0	0	0	25	116	22%
SEMILLON	718	5	4	3	3	733	0%
TRAMINER	8	0	0	0	0	8	0%
VERDELHO	3	1	1	0	0	5	0%
VIOGNIER	8	1	9	13	10	42	24%
OTHER WHITE	127	0	0	2	1	130	1%
TOTAL WHITE WINEGRAPES	1918	14	33	30	88	2083	4%
ROOTSTOCK BLOCK	0	15	0	0	0	15	0%
TOTAL ALL VARIETIES	6310	595	580	697	623	8805	7%

* Also includes plantings in "Barossa Zone - other" (70 ha)

BAROSSA VALLEY TONNES CRUSHED BY VARIETY (RED) - VINTAGE 2003

Table 4.2

Variety	Total winery grown	Total other growers	Total crushed	Total preferred	Tonnes from other growers as % of total	% of demand supplied	Number of wineries reporting tonnages (> 0)		
							Own	Other	Preferred
Barbera	0	1	1	1	100%	100%	0	1	1
Black Muscat	7	0	7	10	0%	74%	1	0	1
Cabernet Franc	140	181	321	268	56%	120%	8	12	10
Cabernet Sauvignon	2005	4887	6892	6923	71%	100%	27	24	39
Grenache	356	2735	3091	2909	88%	106%	13	20	26
Malbec	30	65	96	75	68%	127%	7	5	7
Mataro (Mouvedre)	218	390	608	739	64%	82%	9	12	16
Merlot	549	1027	1576	1778	65%	89%	14	19	24
Nebbiolo	37	1	38	35	2%	108%	2	1	2
Other red	14	27	41	17	67%	239%	3	2	3
Petit Verdot	64	8	72	25	11%	294%	4	3	3
Pinot Noir	70	702	772	307	91%	252%	7	11	8
Ruby Cabernet	0	8	8	8	100%	104%	0	1	1
Sangiovese	14	98	112	78	88%	143%	2	4	4
Shiraz	4225	15201	19426	24166	78%	80%	31	30	45
Tempranillo	4	5	9	13	55%	73%	2	2	3
Tinta Amarella	0	5	5	0	100%		0	1	0
Tinta Cao	0	17	17	0	100%		0	1	0
Tinta Molle	0	16	16	16	100%	101%	0	1	1
Touriga	12	69	81	84	85%	96%	2	2	2
Zinfandel	3	48	51	43	94%	118%	1	2	3
Total RED	7749	25491	33240	37494	77%	89%			



BAROSSA VALLEY TONNES CRUSHED BY VARIETY (WHITE) - VINTAGE 2003

Table 4.3

Variety	Total winery grown	Total other growers	Total crushed	Total preferred	Tonnes from other growers as % of total	% of demand supplied	Number of wineries reporting tonnages (> 0)		
							Own	Other	Preferred
Chardonnay	930	3948	4878	6364	81%	77%	14	16	21
Chenin Blanc	8	335	343	250	98%	137%	3	9	7
Colombard	0	10	10	0	100%		0	1	0
Marsanne	2	0	2	8	0%	25%	1	0	1
Muscadelle (Tokay)	14	117	131	89	89%	148%	2	7	7
Muscat Blanc (Frontignac)	93	298	392	437	76%	90%	5	10	12
Other white	103	40	143	18	28%	795%	2	6	3
Palomino	31	2	33	0	6%		1	1	0
Pedro Ximenes	7	15	22	5	67%	440%	2	2	1
Riesling	764	2168	2931	2914	74%	101%	11	17	21
Sauvignon Blanc	182	336	518	702	65%	74%	6	11	10
Semillon	538	5516	6054	5870	91%	103%	16	19	25
Sylvaner	0	19	19	19	100%	98%	0	1	1
Traminer	7	39	46	17	85%	272%	2	4	2
Trebbiano	0	8	8	1	100%	820%	0	3	1
Verdelho	0	29	29	29	100%	99%	0	1	1
Viognier	23	8	31	45	25%	69%	3	2	6
Total WHITE	2703	12885	15589	16768	83%	93%			
Total for region	10452	38377	48829	54262					

BAROSSA VALLEY CROP VALUE DATA (RED) - VINTAGE 2003

Table 4.4

Variety (1)	Grower grown	Total crushed	estimated total value		lowest price (2)	highest price (2)	calc average purchase value per tonne (3)	
			purchased grapes	total grapes				
Barbera	1	1	\$600	\$600			\$600	100%
Cabernet Franc	181	321	\$163,037	\$288,496	\$660	\$1,200	\$899	100%
Cabernet Sauvignon	4887	6892	\$7,210,117	\$10,167,477	\$800	\$5,730	\$1,475	100%
Grenache	2735	3091	\$3,200,230	\$3,617,044	\$500	\$3,302	\$1,170	100%
Malbec	65	96	\$83,191	\$122,005	\$1,000	\$1,750	\$1,276	100%
Mataro (Mouvedre)	390	608	\$512,351	\$798,655	\$1,000	\$2,400	\$1,313	100%
Merlot	1027	1576	\$1,512,702	\$2,320,958	\$1,000	\$2,250	\$1,473	100%
Nebbiolo	1	38	\$1,408	\$60,512			\$1,600	100%
Petit Verdot	8	72	\$9,267	\$86,979	\$1,150	\$1,300	\$1,208	100%
Pinot Noir	702	772	\$591,064	\$650,151	\$500	\$1,672	\$842	100%
Ruby Cabernet	8	8	\$6,552	\$6,552			\$788	100%
Sangiovese	98	112	\$173,240	\$197,123	\$1,135	\$2,000	\$1,766	100%
Shiraz	15201	19426	\$26,569,392	\$33,954,843	\$500	\$14,234	\$1,748	100%
Tempranillo	5	9	\$9,239	\$16,659			\$1,801	100%
Tinta Amarella	5	5	\$3,430	\$3,430			\$700	100%
Tinta Cao	17	17	\$10,248	\$10,248			\$600	100%
Tinta Molle	16	16	\$17,710	\$17,710			\$1,100	100%
Touriga	69	81	\$76,972	\$90,906			\$1,124	100%
Zinfandel	48	51	\$84,406	\$89,702			\$1,765	100%
Total RED	25464	33192	\$40,235,156	\$52,500,050				

(1) Only includes varieties where some fruit was purchased. Varieties where all fruit is winery grown are not shown in this table.

(2) The absence of lowest and highest prices means that fewer than three wineries supplied pricing data for each variety.

(3) This does not include end use bonuses or other adjustments determined post-receival.

BAROSSA VALLEY CROP VALUE DATA (WHITE) - VINTAGE 2003

Table 4.5

Variety (1)	Grower grown	Total crushed	estimated total value		lowest price (2)	highest price (2)	calc average purchase value per tonne (3)	
			purchased grapes	total grapes				
Chardonnay	3948	4878	\$4,835,515	\$5,974,543	\$300	\$1,800	\$1,225	100%
Chenin Blanc	335	343	\$180,327	\$184,707	\$250	\$600	\$539	98%
Colombard	10	10	\$6,240	\$6,240			\$650	100%
Muscadelle (Tokay)	117	131	\$75,797	\$85,001	\$200	\$2,250	\$650	100%
Muscat Blanc (Frontignac)	298	392	\$158,094	\$207,374	\$300	\$900	\$530	100%
Other white	40	143	\$22,483	\$81,146			\$567	25%
Palomino	2	33	\$380	\$6,580			\$200	100%
Pedro Ximenes	15	22	\$3,171	\$4,716			\$215	100%
Riesling	2168	2931	\$2,254,931	\$3,049,301	\$650	\$1,800	\$1,040	100%
Sauvignon Blanc	336	518	\$319,670	\$493,137	\$750	\$1,300	\$953	100%
Semillon	5516	6054	\$4,339,854	\$4,763,455	\$250	\$1,707	\$787	100%
Sylvaner	19	19	\$6,473	\$6,473			\$347	100%
Traminer	39	46	\$23,006	\$27,116	\$455	\$900	\$587	100%
Trebbiano	8	8	\$2,348	\$2,348	\$200	\$300	\$286	100%
Verdelho	29	29	\$32,820	\$32,820			\$1,144	100%
Viognier	8	31	\$13,490	\$54,452			\$1,766	100%
Total WHITE	12885	15587	\$12,274,599	\$14,979,410				

(1) Only includes varieties where some fruit was purchased. Varieties where all fruit is winery grown are not shown in this table.

(2) The absence of lowest and highest prices means that fewer than three wineries supplied pricing data for each variety.

(3) This does not include end use bonuses or other adjustments determined post-receival.

BAROSSA VALLEY ESTIMATED AND PREFERRED FUTURE INTAKE OF GRAPES 2004 TO 2008

Table 4.6

Variety	2004		2005		2006		2007		2008	
	estimated	preferred	estimated	preferred	estimated	preferred	estimated	preferred	estimated	preferred
RED										
Barbera	5	0	12	0	12	0	12	0	12	0
Black Muscat	10	10	10	15	10	15	10	20	10	25
Cabernet Franc	337	211	323	197	323	197	324	198	267	176
Cabernet Sauvignon	10166	8388	11361	9602	11848	10225	12027	10577	11900	10730
Grenache	3685	3421	3784	3695	3784	3940	3793	4178	3549	4295
Malbec	134	80	140	86	129	87	129	87	130	88
Mataro (Mouvedre)	758	851	793	874	794	904	782	937	760	961
Merlot	2523	2404	3008	2839	3448	3260	3714	3528	3917	3684
Nebbiolo	52	42	64	54	75	65	75	65	75	65
Other red	55	27	50	22	52	24	54	24	54	24
Petit Verdot	131	31	140	35	145	40	145	40	119	40
Pinot Noir	736	270	669	267	637	269	569	251	592	253
Sangiovese	123	91	123	91	123	91	123	91	123	91
Shiraz	28231	29490	31407	32741	33237	35248	34847	37348	35625	38894
Tempranillo	113	116	168	166	191	186	209	201	219	211
Touriga	113	107	113	107	113	107	113	107	113	107
Zinfandel	76	68	87	74	72	55	72	61	72	61
Total for RED	47248	45604	52251	50862	54993	54710	56998	57712	57537	59704
WHITE										
Chardonnay	6155	7510	6360	8144	6761	8904	7074	9539	7232	9730
Chenin Blanc	382	233	376	217	311	182	280	182	280	182
Marsanne	8	8	8	8	8	8	8	8	8	8
Muscadelle (Tokay)	122	95	106	86	103	83	103	83	103	83
Muscat Blanc (Frontignac)	467	487	461	497	476	522	496	533	476	538
Other white	32	24	37	29	28	20	28	20	28	20
Palomino	85	0	85	3	85	21	85	21	85	30
Pedro Ximenes	22	8	23	9	24	10	22	8	23	9
Riesling	3173	3189	3362	3400	3537	3667	3730	3961	3578	4084
Sauvignon Blanc	936	953	899	965	883	1011	886	1070	871	1095
Semillon	8110	7324	7905	7350	7820	7564	7337	7566	6980	7616
Traminer	78	23	78	23	78	23	78	23	53	23
Verdelho	31	31	36	36	36	36	42	42	42	42
Viognier	125	134	185	192	229	233	280	264	295	279
Total for WHITE	19726	20019	19921	20959	20379	22284	20449	23320	20054	23739
Total for region	66974	65623	72172	71821	75372	76994	77447	81032	77591	83443

BAROSSA VALLEY PAST PRODUCTION AND PROJECTIONS FOR MAJOR VARIETIES 1997 - 2008

Figure 4.1

Past production and projections (major varieties)

