



2022 B.C. WINE GRAPE ACREAGE REPORT

June 2023

INTRODUCTION

“This data is unaudited and is produced for industry information only”

The BC Wine Grape Council (BCWGC) is committed to the task of reporting the BC wine grape acreage by June 1st every 2 years.

The data for this report was collected by the BC Wine Grape Council in 2022 through voluntary submissions made by industry participants. The data compilation and summary was completed in March 2023 and comprises acreage up to and including 2022 plantings. We have endeavoured to gather information from as many vineyards as possible in B.C. and estimate the data comprises 95% of the B.C. wine grape acreage.

This report is to be used to predict shortages or surpluses of future grapes, and as a planning tool for research project funding, marketing, and vineyard or winery investments.

Information compiled by George Geldart , PAg and Carl Withler, PAg with reviews and edits provided by staff/members of the BC Wine Grape Council.

This report is available on the websites of the [BC Wine Grape Council](#), the [BC Grapegrowers' Association](#) and [Wine Growers British Columbia](#).



**BRITISH COLUMBIA
WINE GRAPE
— COUNCIL —**

OVERVIEW- B.C. WINE GRAPE ACREAGE

- There are 12,681 acres (5,132 hectares) of wine grapes in B.C.
 - 55.7% Red Grapes / 44.3% White Grapes
 - 92.27% Vinifera / 2.64% Hybrid / 0.09% Labrusca
- Top 10 Varieties in order of acres:
 - Merlot
 - Pinot Noir
 - Pinot Gris
 - Chardonnay
 - Cabernet Sauvignon
 - Cabernet Franc
 - Riesling
 - Gewürztraminer
 - Syrah
 - Sauvignon Blanc



OVERVIEW- B.C. WINE GRAPE ACREAGE

- There are 1,234 vineyards in B.C. (both winery and independent grower operated), with acreage distributed as follows:
 - 86.1% in the Okanagan Valley
 - 6.1% in the Similkameen Valley
 - 3.4% in Vancouver Island and Gulf Islands
 - 2.9% in Other Interior Areas
 - 1.5% in the Fraser Valley
- 69.4% of wine grape acreage is winery operated with an average vineyard size of 14.1 acres.
- 30.6% of wine grape acreage is independent grower operated with an average vineyard size of 6.4 acres.
- There are 428 licensed wineries in BC, of which we believe 295 are producing wines with BC grapes.



TERMS

Note: As background to the reader, in this report, the following terms are defined as:

- A **VINEYARD** is defined as a land area that is planted to one or more varieties and may belong to Independent Grower(s) or Wineries.
- **VINIFERA GRAPES** are a species of “Vitis” native to the Mediterranean region, Central Europe and Southwestern Asia.
- **HYBRID GRAPES** are created by crossing grape varieties, often coming from different plant families.
- **LABRUSCA GRAPES** are a species native to the Americas. They are known to be resistant to diseases like phylloxera and are less typically used in wine production.
- An **INDEPENDENT GROWER VINEYARD** is operated by a single grower or a group of growers who do not own or maintain a shareholder position in a winery and who sell grapes to wineries either under contract or on the open market.
- A **WINERY VINEYARD** is a vineyard site that is operated by a winery entity or a grower that also maintains an ownership or shareholder position in a winery. It can be an owned, leased or contracted property. Owners of winery operated vineyards can use grapes from these vineyards in the production of wine at their own winery and can also sell grapes under contract or on the open market to other wineries.





**B.C. RED & WHITE
WINE GRAPES 2022**

B.C. RED WINE GRAPES 2022

RED VARIETY	ACREAGE	% OF REDS	% OF B.C. GRAPES
Merlot	1,861.17	26.36%	14.68%
Pinot Noir	1,655.75	23.45%	13.06%
Cabernet Sauvignon	972.69	13.77%	7.67%
Cabernet Franc	939.82	13.31%	7.41%
Syrah	654.65	9.27%	5.16%
Gamay Noir	256.46	3.63%	2.02%
Malbec	149.56	2.12%	1.18%
Maréchal Foch *	126.38	1.79%	1.00%
Petit Verdot	106.08	1.50%	0.84%
Zweigelt	43.79	0.62%	0.35%
Pinot Meunier	32.21	0.46%	0.25%
Zinfandel	23.06	0.33%	0.18%
Tempranillo	21.30	0.30%	0.17%

RED VARIETY	ACREAGE	% OF REDS	% OF B.C. GRAPES
Pinotage	18.96	0.27%	0.15%
Grenache	18.36	0.26%	0.14%
Carmenere	15.89	0.23%	0.13%
Marquette *	15.40	0.22%	0.12%
Sangiovese	14.30	0.20%	0.11%
Blattner Cabernet Foch *	13.81	0.20%	0.11%
Baco Noir *	12.30	0.17%	0.10%
Léon Millot *	9.58	0.14%	0.08%
Frontenac Noir *	9.55	0.14%	0.08%
Blattner Brickett Red *	8.69	0.12%	0.07%
Lemberger **	8.40	0.12%	0.07%
Blattner Cabernet Libre *	7.29	0.10%	0.06%
Chancellor *	6.60	0.09%	0.05%

B.C. RED WINE GRAPES 2022 (Continued)

RED VARIETY	ACREAGE	% OF REDS	% OF B.C. GRAPES
Castel *	5.67	0.08%	0.04%
Tannat	5.63	0.08%	0.04%
Mourvedre	5.11	0.07%	0.04%
Dunkelfelder	5.04	0.07%	0.04%
Barbera	4.32	0.06%	0.03%
Dolcetto	4.25	0.06%	0.03%
Petit Sirah	3.07	0.04%	0.02%
Concord **	3.00	0.04%	0.02%
Dornfelder	2.99	0.04%	0.02%
Rotberger	2.80	0.04%	0.02%
Teroldego	2.61	0.04%	0.02%
Touriga Nacional	2.50	0.04%	0.02%
Nebbiolo	2.37	0.03%	0.02%
Rosette *	2.00	0.03%	0.02%

RED VARIETY	ACREAGE	% OF REDS	% OF B.C. GRAPES
Chambourcin *	1.63	0.02%	0.01%
Gamay de Bouze	1.00	0.01%	0.01%
Gamay Fréaux	1.00	0.01%	0.01%
Montepulciano	1.00	0.01%	0.01%
Alicante	0.94	0.01%	0.01%
Agria	0.84	0.01%	0.01%
St. Laurent	0.60	0.01%	0.00%
Cinsault	0.40	0.01%	0.00%
Regent *	0.40	0.01%	0.00%
Refosco	0.39	0.01%	0.00%
Lucie Kuhlman *	0.30	0.00%	0.00%
*Total Red Hybrid	219.60	3.11%	1.73%
** Total Red Labrusca	11.40	0.16%	0.09%
Total Red Vinifera	6,830.91	96.73%	53.87%
Total Red Grapes	7,061.90	100.00%	55.69%

B.C. WHITE WINE GRAPES 2022

WHITE VARIETY	ACREAGE	% OF WHITES	% OF B.C. GRAPES
Pinot Gris	1,306.27	23.25%	10.30%
Chardonnay	1,246.99	22.19%	9.83%
Riesling	665.49	11.84%	5.25%
Gewürztraminer	659.09	11.73%	5.20%
Sauvignon Blanc	439.80	7.83%	3.47%
Pinot Blanc	242.29	4.31%	1.91%
Viognier	235.15	4.18%	1.85%
Muscat	112.40	2.00%	0.89%
Ehrenfelser	65.02	1.16%	0.51%
Sémillon	61.74	1.10%	0.49%
Siegenerrebe	54.56	0.97%	0.43%
Bacchus	52.22	0.93%	0.41%

WHITE VARIETY	ACREAGE	% OF WHITES	% OF B.C. GRAPES
Ortega	49.16	0.87%	0.39%
Auxerrois	46.22	0.82%	0.36%
Vidal *	45.95	0.82%	0.36%
Chenin Blanc	36.44	0.65%	0.29%
Kerner	31.75	0.56%	0.25%
Schönburger	31.39	0.56%	0.25%
Roussanne	27.47	0.49%	0.22%
Chasselas	25.78	0.46%	0.20%
Petit Milo *	23.90	0.43%	0.19%
Madeleine Angevine	15.62	0.28%	0.12%
Frontenac Blanc/Gris *	14.94	0.27%	0.12%
Grüner Veltliner	14.88	0.26%	0.12%
Sovereign Opal *	12.41	0.22%	0.10%

B.C. WHITE WINE GRAPES 2022 (Continued)

WHITE VARIETY	ACREAGE	% OF WHITES	% OF B.C. GRAPES
La Crescent *	11.91	0.21%	0.09%
Müller Thurgau	11.53	0.21%	0.09%
Sylvaner	9.90	0.18%	0.08%
Optima	9.56	0.17%	0.08%
Marsanne	7.88	0.14%	0.06%
Zengo	7.00	0.12%	0.06%
Albarino	6.75	0.12%	0.05%
Reichensteiner	5.00	0.09%	0.04%
Oraniensteiner	4.96	0.09%	0.04%
Madeleine Sylvaner	4.50	0.08%	0.04%
L'Acadie Blanc *	3.80	0.07%	0.03%
Traminer	3.56	0.06%	0.03%
Orange Muskat	3.18	0.06%	0.03%
Trebbiano	3.03	0.05%	0.02%

WHITE VARIETY	ACREAGE	% OF WHITES	% OF B.C. GRAPES
Malvasia	3.00	0.05%	0.02%
Verdejo Verdelho	2.30	0.04%	0.02%
Verdelet *	1.80	0.03%	0.01%
Perle of C'saba	0.75	0.01%	0.01%
Seyval Blanc *	0.60	0.01%	0.00%
Savagnin	0.59	0.01%	0.00%
Petite Arvine	0.58	0.01%	0.00%
Epicure *	0.40	0.01%	0.00%
Rkatsiteli	0.04	0.00%	0.00%
Siegfriedrebe	0.01	0.00%	0.00%
* Total White Hybrids	115.71	2.06%	0.91%
Total White Vinifera	5,503.82	97.94%	43.40%
Total White Grapes	5,619.53	100.00%	44.31%



TOP 4 MAIN VARIETIES BY ACREAGE IN REGIONS 2022

TOP 4 MAIN VARIETIES BY ACREAGE IN REGIONS 2022

REGION	MAIN VARIETIES	ACRES	% OF REGIONAL ACREAGE
Oliver	Merlot	968.28	20.79%
	Cabernet Sauvignon	547.01	11.75%
	Chardonnay	460.09	9.88%
	Cabernet Franc	448.96	9.64%
Penticton / Naramata / Kaleden	Pinot Noir	244.89	16.55%
	Pinot Gris	231.17	15.63%
	Merlot	205.11	13.86%
	Chardonnay	138.83	9.38%
Osoyoos	Merlot	399.96	25.65%
	Cabernet Franc	260.01	16.67%
	Cabernet Sauvignon	252.10	16.16%
	Syrah	184.83	11.85%

REGION	MAIN VARIETIES	ACRES	% OF REGIONAL ACREAGE
Kelowna	Pinot Noir	279.07	29.00%
	Chardonnay	158.05	16.42%
	Pinot Gris	127.30	13.23%
	Riesling	116.93	12.15%
Similkameen Valley	Merlot	135.86	17.70%
	Cabernet Sauvignon	87.58	11.41%
	Cabernet Franc	77.98	10.16%
	Chardonnay	69.27	9.02%
	Pinot Noir	140.73	21.84%
Okanagan Falls	Chardonnay	109.11	16.93%
	Pinot Gris	91.56	14.21%
	Gewürztraminer	60.76	9.43%
	Pinot Noir	140.73	21.84%

TOP 4 MAIN VARIETIES BY ACREAGE IN REGIONS 2022 *(Continued)*


REGION	MAIN VARIETIES	ACRES	% OF REGIONAL ACREAGE
Summerland / Peachland	Pinot Noir	164.16	27.66%
	Gewürztraminer	97.13	16.36%
	Chardonnay	81.03	13.65%
	Pinot Gris	78.57	13.24%
West Kelowna	Pinot Noir	143.46	25.44%
	Chardonnay	63.54	11.27%
	Pinot Gris	55.90	9.91%
	Riesling	42.61	7.55%
Lake Country / Vernon	Pinot Noir	124.51	27.10%
	Pinot Gris	73.60	16.02%
	Riesling	62.53	13.61%
	Chardonnay	31.48	6.85%

REGION	MAIN VARIETIES	ACRES	% OF REGIONAL ACREAGE
Vancouver Island	Pinot Noir	71.05	22.10%
	Pinot Gris	61.21	19.04%
	Ortega	22.77	7.08%
	Maréchal Foch	22.41	6.97%
Fraser Valley	Pinot Noir	29.21	15.07%
	Bacchus	28.04	14.46%
	Siegenerrebe	16.87	8.70%
	Pinot Gris	12.65	6.52%
Shuswap	Maréchal Foch	22.75	21.21%
	Ortega	14.63	13.64%
	Siegenerrebe	10.78	10.05%
	Pinot Noir	6.70	6.25%

TOP 4 MAIN VARIETIES BY ACREAGE IN REGIONS 2022 *(Continued)*

REGION	MAIN VARIETIES	ACRES	% OF REGIONAL ACREAGE
Thompson Valley	Pinot Noir	11.22	12.02%
	La Crescent	10.91	11.69%
	Chardonnay	10.67	11.43%
	Riesling	10.14	10.86%
Kootenays	Pinot Noir	31.85	27.26%
	Gewürztraminer	11.05	9.46%
	Chardonnay	10.70	9.16%
	Pinot Gris	9.44	8.08%

REGION	MAIN VARIETIES	ACRES	% OF REGIONAL ACREAGE
Gulf Islands	Pinot Noir	36.72	33.27%
	Pinot Gris	27.63	25.03%
	Chardonnay	13.34	12.09%
	Gewürztraminer	6.98	6.32%
Lillooet	Cabernet Franc	10.45	20.53%
	Merlot	8.39	16.48%
	Riesling	7.35	14.44%
	Pinot Noir	6.64	13.05%

An aerial photograph of a vast vineyard with rows of green grapevines stretching across the foreground and middle ground. In the background, there are large, rugged mountains with some rocky slopes and patches of forest. The sky is filled with soft, white clouds. The text 'B.C. VINEYARDS & WINE GRAPE ACREAGE BY REGION 2022' is overlaid in the center in a large, white, sans-serif font.

B.C. VINEYARDS & WINE GRAPE ACREAGE BY REGION 2022

B.C. VINEYARDS & WINE GRAPE ACREAGE BY REGION 2022

REGION	#VINEYARDS	ACRES	% OF TOTAL ACRES	AVG. ACRES/VINEYARD
Oliver	256	4,656.98	36.72%	18.2
Osoyoos	155	1,559.58	12.30%	10.1
Penticton / Naramata / Kaleden	306	1,479.34	11.67%	4.8
Kelowna	82	962.33	7.59%	11.7
Similkameen Valley / Cawston	59	767.61	6.05%	13.0
Okanagan Falls	46	644.51	5.08%	14.0
Summerland / Peachland	92	593.54	4.68%	6.5
West Kelowna	52	564.02	4.45%	10.8
Lake Country / Vernon	45	459.49	3.62%	10.2
Vancouver Island	54	321.46	2.53%	6.0

B.C. VINEYARDS & WINE GRAPE ACREAGE BY REGION 2022 *(Continued)*

REGION	#VINEYARDS	ACRES	% OF TOTAL ACRES	AVG. ACRES/VINEYARD
Fraser Valley	34	193.88	1.53%	5.7
Kootenays	16	116.82	0.92%	7.3
Gulf Islands	12	110.38	0.87%	9.2
Shuswap	13	107.24	0.85%	8.2
Thompson Valley	6	93.35	0.74%	15.6
Lillooet	6	50.90	0.40%	8.5
Total	1,234	12,681.44	100.00%	10.3

Note: The total acres may vary slightly between various tables due to rounding from the data sources.



B.C. VINEYARDS & WINERIES BY REGION 2022

B.C. VINEYARDS & WINERIES BY REGION 2022

REGION	#VINEYARDS	ACRES	# WINERIES	% OF TOTAL WINERIES
Oliver	256	4,656.98	48	16.3%
Osoyoos	155	1,559.58	12	4.1%
Penticton / Naramata / Kaleden	306	1,479.34	55	18.6%
Kelowna	82	962.33	21	7.1%
Similkameen Valley / Cawston	59	767.61	16	5.4%
Okanagan Falls	46	644.51	15	5.1%
Summerland / Peachland	92	593.54	22	7.5%
West Kelowna	52	564.02	15	5.1%
Lake Country / Vernon	45	459.49	8	2.7%
Vancouver Island	54	321.46	20	6.8%

B.C. VINEYARDS & WINERIES BY REGION 2022 *(Continued)*

REGION	#VINEYARDS	ACRES	# WINERIES	% OF TOTAL WINERIES
Fraser Valley	34	193.88	31	10.5%
Kootenays	16	116.82	6	2.0%
Gulf Islands	12	110.38	11	3.7%
Shuswap	13	107.24	8	2.7%
Thompson Valley	6	93.35	5	1.7%
Lillooet	6	50.90	2	0.7%
Total	1,234	12,681.44	295	100.00%



**DISTRIBUTION OF
WINERY & INDEPENDENT
GROWER OPERATED
VINEYARDS 2022**

DISTRIBUTION OF WINERY OPERATED VINEYARDS 2022

WINERY OPERATED VINEYARDS					
REGION	ACRES	# VINEYARDS	AVG. ACRES/VINEYARD	% OF WINERY OPERATED TOTAL	% OF BC TOTAL
Oliver	3,393.13	124	27.36	38.54%	26.76%
Penticton / Naramata / Kaleden	906.05	138	6.57	10.29%	7.14%
Osoyoos	803.23	64	12.55	9.12%	6.33%
Kelowna	709.83	42	16.90	8.06%	5.60%
Similkameen Valley / Cawston	515.41	36	14.32	5.85%	4.06%
Okanagan Falls	505.37	23	21.97	5.74%	3.99%
West Kelowna	492.99	42	11.74	5.60%	3.89%
Summerland / Peachland	360.58	44	8.19	4.10%	2.84%
Lake Country / Vernon	345.16	20	17.26	3.92%	2.72%

DISTRIBUTION OF WINERY OPERATED VINEYARDS 2022 *(Continued)*

WINERY OPERATED VINEYARDS					
REGION	ACRES	# VINEYARDS	AVG. ACRES/VINEYARD	% OF WINERY OPERATED TOTAL	% OF BC TOTAL
Vancouver Island	247.89	36	6.89	2.82%	1.95%
Fraser Valley	166.53	23	7.24	1.89%	1.31%
Thompson Valley	88.35	4	22.09	1.00%	0.70%
Gulf Islands	76.60	10	7.66	0.87%	0.60%
Shuswap	76.24	9	8.47	0.87%	0.60%
Kootenays	75.25	8	9.41	0.85%	0.59%
Lillooet	42.57	2	21.29	0.48%	0.34%
Total	8,805.19	625	14.09	100%	69.43%

DISTRIBUTION OF INDEPENDENT GROWER OPERATED VINEYARDS 2022

INDEPENDENT GROWER OPERATED VINEYARDS					
REGION	ACRES	# VINEYARDS	AVG. ACRES/VINEYARD	% OF INDEPENDENT TOTAL	% OF BC TOTAL
Oliver	1,263.85	132	9.57	32.61%	9.97%
Osoyoos	756.35	91	8.31	19.51%	5.96%
Penticton / Naramata / Kaleden	573.29	168	3.41	14.79%	4.52%
Kelowna	252.50	40	6.31	6.51%	1.99%
Similkameen Valley / Cawston	252.20	23	10.97	6.51%	1.99%
Summerland / Peachland	232.96	48	4.85	6.01%	1.84%
Okanagan Falls	139.14	23	6.05	3.59%	1.10%
Lake Country / Vernon	114.33	25	4.57	2.95%	0.90%
Vancouver Island	73.57	18	4.09	1.90%	0.58%
West Kelowna	71.03	10	7.10	1.83%	0.56%
Kootenays	41.57	8	5.20	1.07%	0.33%

DISTRIBUTION OF INDEPENDENT GROWER OPERATED VINEYARDS 2022 (Continued)

INDEPENDENT GROWER OPERATED VINEYARDS					
REGION	ACRES	# VINEYARDS	AVG. ACRES/VINEYARD	% OF INDEPENDENT TOTAL	% OF BC TOTAL
Gulf Islands	33.78	2	16.89	0.87%	0.27%
Shuswap	31.00	4	7.75	0.80%	0.24%
Fraser Valley	27.35	11	2.49	0.71%	0.22%
Lillooet	8.33	4	2.08	0.21%	0.07%
Thompson Valley	5.00	2	2.50	0.13%	0.04%
Total	3,876.25	609	6.36	100%	30.57%

ALL VINEYARDS				
	ACRES	# VINEYARDS	AVG. ACRES/VINEYARD	
Total British Columbia	12,681.44	1,234	10.28	

Note: The total acres may vary slightly between various tables due to rounding from the data sources.

An aerial photograph showing a large, well-maintained vineyard in the foreground, with rows of grapevines stretching across a green field. In the background, a large, calm lake is visible, surrounded by dense evergreen forests and rolling mountains under a cloudy sky. The text "POTENTIAL B.C. WINE PRODUCTION" is overlaid in large, white, bold letters across the center of the image.

POTENTIAL B.C. WINE PRODUCTION

POTENTIAL B.C. WINE PRODUCTION (2014-2022)

POTENTIAL BC WINE PRODUCTION 2014-2022					
				% INCREASE	
YEAR	ACRES	TOTAL ESTIMATED TONS	LITRES	ANNUAL	FROM 2014
2014	9,748.43	37,919	20,855,450		
2015	10,038.41	39,196	21,557,800	3.37%	3.37%
2016	10,259.94	40,196	22,107,800	2.55%	6.00%
2017	10,512.94	41,193	22,656,150	2.48%	8.63%
2018	10,759.94	42,165	23,190,750	2.36%	11.20%
2019	11,055.24	42,393	23,316,339	0.54%	11.80%
2022	12,681.44	47,847	26,315,913	12.86%	26.18%

POTENTIAL B.C. WINE PRODUCTION (2022) *(Continued)*

POTENTIAL BC WINE PRODUCTION 2022						
YEAR PLANTED	ACRES	VINE AGE IN 2022	YIELD (TONS/ACRE)	POTENTIAL TONNAGE	LITRES OF WINE/TON	POTENTIAL LITRES OF WINE
Pre-2017	10,548.09	7	4	42,192	550	23,205,807
2017	109.76	6	4	439	550	241,461
2018	280.32	5	4	1,121	550	616,700
2019	473.94	4	4	1,896	550	1,042,666
2020	331.50	3	3	995	550	546,982
2021	802.79	2	1.5	1,204	550	662,298
2022	135.04	1	0	0	550	0
Total	12,681.44			47,847		26,315,913

POTENTIAL B.C. WINE PRODUCTION (2022) *(Continued)*

POTENTIAL BC WINE PRODUCTION 2023						
YEAR PLANTED	ACRES	VINE AGE IN 2019	YIELD (TONS/ACRE)	POTENTIAL TONNAGE	LITRES OF WINE/TON	POTENTIAL LITRES OF WINE
Pre-2017	10,548.09	8	4	42,192	550	23,205,807
2017	109.76	7	4	439	550	241,461
2018	280.32	6	4	1,121	550	616,700
2019	473.94	5	4	1,896	550	1,042,666
2020	331.50	4	4	1,326	550	729,309
2021	802.79	3	3	2,408	550	1,324,597
2022	135.04	2	1.5	203	550	111,407
Total	12,681.44			49,585		27,271,946

Note: The total acres may vary slightly between various tables due to rounding from the data sources.

The conversion rate of 550 litres per short ton of wine grapes from the 2019 Grape Acreage Report was used in the above table.

This value may vary for individual situations.



**B.C. INDUSTRY
COMPARISONS TO
OTHER WINE GRAPE
GROWING REGIONS 2022**

Gewürztraminer

Pinot Noir

B.C. INDUSTRY COMPARISONS TO OTHER WINE GRAPE GROWING REGIONS 2022

	BRITISH COLUMBIA	WASHINGTON STATE	OREGON	ONTARIO	CALIFORNIA
Acres- 2014	10,260	45,000	20,400	17,000	570,000
Acres- 2019	11,055	55,445	33,996	17,000	637,000
Acres- 2022	12,681	60,000	41,889	18,000	615,000
% Change (2019-2022)	14.7%	8.2%	12.0%	5.9%	-3.1%
Number of Wineries- 2014	254	750	543	235	3,882
Number of Wineries- 2019	282	940	908**	223*	4,200
Number of Wineries- 2022	295	1,070	1,058	229*	4,700
% Change (2019-2022)	4.6%	13.8%	16.5%	2.7%	11.9%

- * # represents registered Ontario VQA wineries + 20% estimate of wineries not registered with Ontario VQA
- **Updated after the release of the 2019 Acreage report using more current data

B.C. INDUSTRY COMPARISONS TO OTHER WINE GRAPE GROWING REGIONS 2022 *(Continued)*

	BRITISH COLUMBIA	WASHINGTON STATE	OREGON	ONTARIO	CALIFORNIA
Principal Red Varieties 2022	Merlot	Cabernet Sauvignon	Pinot Noir	Baco Noir	Cabernet Sauvignon
	Pinot Noir	Merlot	Syrah	Cabernet Franc	Pinot Noir
	Cabernet Sauvignon	Syrah	Cabernet Sauvignon	Cabernet Sauvignon	Zinfandel
Principal White Varieties 2022	Pinot Gris	Chardonnay	Pinot Gris	Vidal	Chardonnay
	Chardonnay	Riesling	Chardonnay	J. Riesling	Sauvignon Blanc
	Riesling	Pinot Gris	Riesling	Chardonnay	French Columbard



**COMPARISON OF B.C.
GRAPE & WINE
STATISTICS 1999-2022**

COMPARISON OF B.C. GRAPE & WINE STATISTICS 1999-2022

	1999	2004	2006	2008	2011	2014	2019	2022
Total Wine Grape Acreage	4,184	5,462	6,632	9,066	9,854	10,260	11,055	12,681
% White Grapes	53.69%	50.56%	48.29%	49.01%	47.91%	49.04%	46.91%	44.31%
% Red Grapes	46.31%	49.44%	51.71%	50.99%	52.09%	50.96%	53.09%	55.69%
% Hybrid Grapes	4.08%	2.50%	2.20%	2.88%	4.30%	2.94%	2.38%	2.39%
% Annual Change (Acres)		30.5%	21.4%	36.7%	8.7%	4.1%	7.8%	14.4%
Principal White Varieties	Chardonnay	Chardonnay	Chardonnay	Pinot Gris	Pinot Gris	Pinot Gris	Pinot Gris	Pinot Gris
	Gewürztraminer	Pinot Gris	Pinot Gris	Chardonnay	Chardonnay	Chardonnay	Chardonnay	Chardonnay
	Pinot Gris	Gewürztraminer	Gewürztraminer	Gewürztraminer	Gewürztraminer	Gewürztraminer	Gewürztraminer	Riesling
	Pinot Blanc	Pinot Blanc	Pinot Blanc	Sauvignon Blanc	Riesling	Riesling	Riesling	Gewürztraminer
	Riesling	Riesling	Sauvignon Blanc	Pinot Blanc	Sauvignon Blanc	Sauvignon Blanc	Sauvignon Blanc	Sauvignon Blanc

COMPARISON OF B.C. GRAPE & WINE STATISTICS 1999-2022 (Continued)

	1999	2004	2006	2008	2011	2014	2019	2022
Number of Vineyards	262	371	464	710	864	929	1,049	1,234
% Annual Change		41.6%	25.1%	53.0%	21.7%	7.5%	12.9%	17.6%
Number of Wineries	61	90	118	144	210	254	282	295
% Annual Change		47.5%	31.1%	22.0%	45.8%	21.0%	11.0%	4.6%
Principal Red Varieties	Merlot	Merlot	Merlot	Merlot	Merlot	Merlot	Merlot	Merlot
	Pinot Noir	Pinot Noir	Pinot Noir	Pinot Noir	Pinot Noir	Pinot Noir	Pinot Noir	Pinot Noir
	Cabernet Sauvignon	Cabernet Sauvignon	Cabernet Sauvignon	Cabernet Sauvignon	Cabernet Sauvignon	Cabernet Sauvignon	Cabernet Sauvignon	Cabernet Sauvignon
	Cabernet Franc	Cabernet Franc	Syrah	Syrah	Syrah	Cabernet Franc	Cabernet Franc	Cabernet Franc
	Gamay	Syrah	Cabernet Franc	Cabernet Franc	Cabernet Franc	Syrah	Syrah	Syrah

COMPARISON OF B.C. GRAPE & WINE STATISTICS 1999-2022 (Continued)

	1999	2004	2006	2008	2011	2014	2019	2022
Winery Operated Acreage	59.30%	67.20%	70.40%	63.10%	61.70%	67.20%	71.3%	69.4%
Average (acres)	40.68	40.80	39.60	39.70	28.97	28.02	14.72	14.09
Independent Operated Acreage	40.70%	32.80%	29.60%	36.90%	38.30%	32.80%	28.7%	30.6%
Average (acres)	9.46	7.70	7.20	6.70	6.60	5.96	6.21	6.36



COMPARISON OF VARIETAL ACREAGE IN B.C.

COMPARISON OF VARIETAL ACREAGE IN B.C.

WHITES	ACRES					% CHANGE				
	Variety	2008	2011	2014	2019	2022	2008-2011	2011-2014	2014-2019	2019 - 2022
Pinot Gris	928.29	1,065.67	1,114.25	1,166.57	1,306.27	14.80%	4.56%	4.70%	12.0%	28.9%
Chardonnay	866.26	916.68	995.80	1,132.31	1,246.99	5.82%	8.63%	13.71%	10.1%	30.5%
Gewurztraminer	643.77	706.64	734.96	646.47	659.09	9.77%	4.01%	-12.04%	2.0%	2.3%
Sauvignon Blanc	438.76	392.70	393.87	403.01	439.80	-10.50%	0.30%	2.32%	9.1%	0.2%
Pinot Blanc	369.14	265.92	268.68	231.97	242.29	-27.96%	1.04%	-13.66%	4.4%	-52.4%
Riesling	367.14	439.27	510.99	613.13	665.49	19.65%	16.33%	19.99%	8.5%	44.8%
Viognier	164.48	204.01	222.58	234.22	235.15	24.03%	9.10%	5.23%	0.4%	30.1%
Ehrenfelser	73.66	70.52	79.32	65.02	65.02	-4.26%	12.48%	-18.03%	0.0%	-13.3%
Semillon	71.91	47.28	46.94	56.45	61.74	-34.25%	-0.72%	20.26%	9.4%	-16.5%
Bacchus	52.30	51.97	49.47	48.68	52.22	-0.63%	-4.81%	-1.60%	7.3%	-0.2%

COMPARISON OF VARIETAL ACREAGE IN B.C. (Continued)

REDS	ACRES					% CHANGE				
	Variety	2008	2011	2014	2019	2022	2008-2011	2011-2014	2014-2019	2019 - 2022
Merlot	1,585.46	1,600.90	1,563.71	1,618.85	1,861.17	0.97%	-2.32%	3.53%	15.0%	14.8%
Pinot Noir	793.41	948.71	1,073.11	1,331.94	1,655.75	19.57%	13.11%	24.12%	24.3%	52.1%
Cabernet Sauvignon	680.87	755.17	755.82	853.41	972.69	10.91%	0.09%	12.91%	14.0%	30.0%
Syrah (Shiraz)	516.27	546.50	530.04	553.86	654.65	5.86%	-3.01%	4.49%	18.2%	21.1%
Cabernet Franc	391.18	517.45	546.13	719.52	939.82	32.28%	5.54%	31.75%	30.6%	58.4%
Gamay Noir	143.69	153.73	171.88	189.66	256.46	6.99%	11.81%	10.34%	35.2%	44.0%
Marechal Foch	121.55	137.30	140.59	115.09	126.38	12.96%	2.40%	-18.14%	9.8%	3.8%
Malbec	71.87	95.96	101.92	122.17	149.56	33.52%	6.21%	19.87%	22.4%	51.9%
Petit Verdot	55.69	65.58	64.04	76.05	106.08	17.76%	-2.35%	18.75%	39.5%	47.5%
Zweigelt	43.23	41.72	45.79	40.95	43.79	-3.49%	9.76%	-10.57%	6.9%	1.3%

A photograph of a vineyard with rows of grapevines on a hillside. Two people are walking on a path in the distance. The text 'COMPARISON OF REGIONAL ACREAGE IN B.C.' is overlaid in the center.

COMPARISON OF REGIONAL ACREAGE IN B.C.

COMPARISON OF REGIONAL ACREAGE IN B.C.

REGION	ACRES					% CHANGE				
	2008	2011	2014	2019	2022	2008-2011	2011-2014	2014-2019	2019-2022	2008-2022
Oliver	3,398.27	3,543.18	3,639.31	4,344.20	4,656.98	4.26%	2.71%	19.37%	7.2%	37.0%
Penticton, Naramata, Kaleden	953.55	1,013.03	1,144.50	1,357.80	1,479.34	6.24%	12.98%	18.64%	9.0%	55.1%
Kelowna, West Kelowna	835.55	904.46	1,037.08	1,265.15	1,526.35	8.25%	14.66%	21.99%	20.6%	82.7%
Osoyoos	1,407.96	1,509.62	1,544.79	1,218.10	1,559.58	7.22%	2.33%	-21.15%	28.0%	10.8%
Similkameen Valley	579.89	691.44	657.66	633.00	767.61	19.24%	-4.89%	-3.75%	21.3%	32.4%
Okanagan Falls	549.61	538.81	593.93	578.30	644.51	-1.97%	10.23%	-2.63%	11.4%	17.3%
Summerland, Peachland	335.47	354.67	404.62	508.39	593.54	5.72%	14.08%	25.65%	16.7%	76.9%
Lake Country, Vernon	158.78	196.43	255.03	345.40	459.49	23.71%	29.83%	35.44%	33.0%	189.4%
Vancouver Island	347.38	431.87	389.22	277.00	321.46	24.32%	-9.88%	-28.83%	16.0%	-7.5%

COMPARISON OF REGIONAL ACREAGE IN B.C. (Continued)

REGION	ACRES					% CHANGE				
	2008	2011	2014	2019	2022	2008-2011	2011-2014	2014-2019	2019 - 2022	2008-2022
Fraser Valley	204.10	263.45	200.85	155.00	193.88	29.08%	-23.76%	-22.83%	25.1%	-5.0%
Shuswap	76.00	97.00	95.50	100.90	107.24	27.63%	-1.55%	5.65%	6.3%	41.1%
Thompson Valley		66.25	78.85	90.40	93.35		19.02%	14.65%	3.3%	
Kootenays		86.47	94.27	83.10	116.82		9.02%	-11.85%	40.6%	
Lillooet		54.20	30.30	50.90	50.90		-44.10%	67.99%	0.0%	
Gulf Islands	114.94	115.64	94.03	78.60	110.38	0.61%	-18.69%	-16.41%	40.4%	-4.0%
Total	9,066.05	9,866.52	10,259.94	11,086.24	12,681.44	8.83%	3.99%	8.05%	14.4%	22.3%

Note: 2019 acreage excludes the 2020 acres from the database.

An aerial photograph of a lush green vineyard. A dirt path winds through the rows of grapevines. In the background, a large blue lake is visible, surrounded by rolling hills and mountains under a clear blue sky. Two people are riding bicycles on the path.

**COMPARISON OF
WINERY AND
INDEPENDENT GROWER
OPERATED VINEYARDS
IN B.C. (2019 – 2022)**

WINERY GROWER OPERATED VINEYARDS IN B.C. (2019 – 2022)

WINERY OPERATED VINEYARDS									
	ACRES			# VINEYARDS			AVG. ACRES/VINEYARD		
REGION	2019	2022	% CHANGE	2019	2022	% CHANGE	2019	2022	% CHANGE
Oliver	3,220.90	3,393.13	5.3%	109	124	13.8%	29.55	27.36	-7.4%
Penticton, Naramata, Kaleden	832.70	906.05	8.8%	120	138	15.0%	6.94	6.57	-5.4%
Osoyoos	666.90	803.23	20.4%	49	64	30.6%	13.61	12.55	-7.8%
Kelowna, West Kelowna	1,007.35	1,202.82	19.4%	71	84	18.3%	14.19	14.32	0.9%
Okanagan Falls	501.70	505.37	0.7%	23	23	0.0%	21.81	21.97	0.7%
Similkameen Valley	433.90	515.41	18.8%	29	36	24.1%	14.96	14.32	-4.3%
Summerland, Peachland	317.00	360.58	13.7%	37	44	18.9%	8.57	8.19	-4.3%
Lake Country, Vernon	236.10	345.16	46.2%	15	20	33.3%	15.74	17.26	9.6%

WINERY GROWER OPERATED VINEYARDS IN B.C. (2019 – 2022) *(Continued)*

WINERY OPERATED VINEYARDS									
	ACRES			# VINEYARDS			AVG. ACRES/VINEYARD		
REGION	2019	2022	% CHANGE	2019	2022	% CHANGE	2019	2022	% CHANGE
Vancouver Island	216.30	247.89	14.6%	33	36	9.1%	6.55	6.89	5.1%
Fraser Valley	127.60	166.53	30.5%	20	23	15.0%	6.38	7.24	13.5%
Thompson Valley	88.40	88.35	-0.1%	4	4	0.0%	22.10	22.09	-0.1%
Gulf Islands	76.60	76.60	0.0%	10	10	0.0%	7.66	7.66	0.0%
Shuswap	72.10	76.24	5.7%	9	9	0.0%	8.01	8.47	5.7%
Kootenays	64.80	75.25	16.1%	6	8	33.3%	10.80	9.41	-12.9%
Lillooet	42.60	42.57	-0.1%	2	2	0.0%	21.30	21.29	-0.1%
Total	7,904.95	8,805.19	11.4%	537	625	16.4%	14.72	14.09	-4.3%

INDEPENDENT GROWER OPERATED VINEYARDS IN B.C. (2019 – 2022)

INDEPENDENT GROWER OPERATED VINEYARDS									
REGION	ACRES			# VINEYARDS			AVG. ACRES/VINEYARD		
	2019	2022	% CHANGE	2019	2022	% CHANGE	2019	2022	% CHANGE
Oliver	1,123.30	1,263.85	12.5%	110	132	20.0%	10.21	9.57	-6.2%
Penticton, Naramata, Kaleden	525.10	573.29	9.2%	151	168	11.3%	3.48	3.41	-1.9%
Osoyoos	551.20	756.35	37.2%	72	91	26.4%	7.66	8.31	8.6%
Kelowna, West Kelowna	257.80	323.53	25.5%	43	50	16.3%	6.00	6.47	7.9%
Okanagan Falls	76.60	139.14	81.6%	16	23	43.8%	4.79	6.05	26.4%
Similkameen Valley	199.10	252.20	26.7%	16	23	43.8%	12.44	10.97	-11.9%
Summerland, Peachland	191.39	232.96	21.7%	39	48	23.1%	4.91	4.85	-1.1%
Lake Country, Vernon	109.30	114.33	4.6%	23	25	8.7%	4.75	4.57	-3.8%

INDEPENDENT GROWER OPERATED VINEYARDS IN B.C. (2019 – 2022) (Continued)

INDEPENDENT GROWER OPERATED VINEYARDS									
	ACRES			# VINEYARDS			AVG. ACRES/VINEYARD		
REGION	2019	2022	% CHANGE	2019	2022	% CHANGE	2019	2019	% CHANGE
Vancouver Island	60.70	73.57	21.2%	16	18	12.5%	3.79	4.09	7.7%
Fraser Valley	27.40	27.35	-0.2%	11	11	0.0%	2.49	2.49	-0.2%
Thompson Valley	2.00	5.00	150.0%	1	2	100.0%	2.00	2.50	25.0%
Gulf Islands	2.00	33.78	1589.0%	1	2	100.0%	2.00	16.89	744.5%
Shuswap	28.80	31.00	7.6%	3	4	33.3%	9.60	7.75	-19.3%
Kootenays	18.30	41.57	127.2%	6	8	33.3%	3.05	5.20	70.4%
Lillooet	8.30	8.33	0.4%	4	4	0.0%	2.08	2.08	0.4%
Total	3,181.29	3,876.25	21.8%	512	609	18.9%	6.21	6.36	2.4%

COMPARISON OF WINERY AND INDEPENDENT GROWER OPERATED VINEYARDS IN B.C. (2019 – 2022) *(Continued)*

ALL VINEYARDS									
	ACRES			# VINEYARDS			AVG. ACRES/VINEYARD		
REGION	2019	2022	% CHANGE	2019	2022	% CHANGE	2019	2022	% CHANGE
Total British Columbia	11,086.24	12,681.44	14.4%	1,049	1,234	17.6%	10.57	10.28	-2.8%

Note: The total acres may vary slightly between various tables due to rounding from the data sources.



INDUSTRY INSIGHTS

KEY FINDINGS

- The overall wine grape acreage in B.C. continues to expand, showing an increase of 14.4% (1,595.44 acres) from 2019 to 2022. All of the regions saw an increase in planted acreage, with the exception of Lillooet with no change in acreage. Highlights of the regional changes include:
 - The regions with the largest increase in acreage were Osoyoos 341.48 ac. (28.03%), Oliver 312.78 ac. (7.20%), Kelowna/West Kelowna 261.20 ac. (20.65%), Similkameen Valley/Cawston 134.61 ac. (21.27%), Penticton/Naramata/Kaleden 121.54 ac. (8.95%) and Lake Country/Vernon 114.08 ac.(33.03%).
 - The Kootenay region saw the largest percentage increase in planted acreage at 40.6% going from 83.10 to 116.82 acres followed closely by the Gulf Islands region with a 40.43% increase in planted acreage of 31.78.
 - No regions saw a decrease in acreage planted to wine grapes between 2019 and 2022.
 - The Oliver and Osoyoos regions remain the major source of wine grape acreage in B.C. with just under 50% of the plantings.



KEY FINDINGS

- The top 10 varieties encompass 82% of B.C. wine grape plantings. The ranking of the list had only one change from 2019 with Riesling taking over 7th spot ahead of Gewürztraminer. The top 5 varieties comprise 55% of B.C. acreage. Merlot continues to be the most planted variety in B.C., with Pinot Noir maintaining the second most planted varietal followed by Pinot Gris in 3rd place. Merlot plantings predominate in Oliver, Osoyoos and the Similkameen Valley.
- The most planted varietals in the regions are:
 - Merlot in Oliver, Osoyoos and Similkameen Valley/Cawston/Keremeos.
 - Pinot Noir in Penticton/Naramata/Kaleden, Kelowna, Okanagan Falls, Summerland/Peachland, Lake Country/Vernon, West Kelowna, Vancouver Island, Fraser Valley, Thompson Valley, Kootenays, and Gulf Islands.
 - Maréchal Foch in Shuswap
 - Cabernet Franc in Lillooet



KEY FINDINGS

- From 2019 to 2022 the number of vineyards increased 17.6% from 1,049 to 1,234, with a total planted acreage of just over 12,681. Planted acres of winery operated vineyards rose 11.4%, with the number of vineyards increasing from 537 to 625, averaging 14.1 acres. Independent grower operated vineyard acreage expanded 21.8% over the same period with the number of vineyards increasing from 512 to 609 averaging 6.4 acres.
- The number of wineries in B.C. increased 4.6% from 282 to 295. The Penticton/Naramata/Kaleden region had the highest percentage of the total number of wineries in 2022 at 18.6% followed by Oliver with 16.3%. The overall distribution of wineries are:

Okanagan & Similkameen Valleys	71.9%
Vancouver Island/Gulf Islands	10.5%
Fraser Valley	10.5%
Other Interior Areas	7.1%

- Based on the number of acres and planting age from pre-2017 through 2022 plantings, the potential wine production is estimated to be 26.3 million litres for 2022 and 27.3 million in 2023.



GENERAL COMMENTARY ON WINE GRAPE ACREAGE IN B.C.

In preparation of the acreage report for the province, the BC Wine Grape Council asked the authors to make comment on the trends in the industry after reviewing the data, and interviewing persons or organizations operating in the wine grape industry in B.C. The following bullets summarize those findings by Region.

- Fraser Valley: valley plantings continue to fluctuate between berry crops and grape plantings following the flooding of 2021 with some vineyards now converted to berries. As well, remnant ground moisture has created significant pockets of powdery mildew and some growers are hesitant to return to grapes because of this. Climate change has also created a challenging climate in the Fraser Valley to select grape varieties that will last into the future.



GENERAL COMMENTARY ON WINE GRAPE ACREAGE IN B.C.

- **Vancouver Island/Gulf Islands:** the industry continues to expand on Vancouver Island with plantings going in on non-traditional grape land. The majority of this conversion is from forage to grapes. Very few plantings now go in without irrigation systems and there is continued grafting over from hybrid to vinifera grapes. Continued expansion is expected on Vancouver Island. The Island tourism industry continues to flourish and wineries are more and more a part of the mix with 31 wineries in production on Vancouver and Gulf Islands.
- **Other Interior Regions:** with some of the vagaries of weather in areas like Thompson Valley, Grand Forks, Lillooet and Creston, there has been some pull back on these areas or no expansion. Supply and transport challenges during Covid left some grapes on the vine and unmarketable. Added, there is some competition in these areas for fruit production (apples specifically) and there has been some conversion of grape land to apple production. Continued demand for wine grapes in B.C. may see some of this land return to grapes as Covid becomes less a challenge and supply chain issues settle.



GENERAL COMMENTARY ON WINE GRAPE ACREAGE IN B.C.

- **Okanagan/Similkameen:** a cold wet start to the 2022 growing season put the crop 2 weeks behind headed into August and September. Much fruit was at risk of not maturing, but was saved by long, warm (well above seasonal average) days in September and October. Powdery mildew was fairly rampant during the growing season due to the moisture retained in the soil from the 2021 winter season. Increased costs of leaf removal and spraying were incurred to manage this disease.
- Competition for plantable land currently favours grapes with apples being removed south of Penticton. Late season cherries from Kelowna north keep land values high with limited grape expansion in this area at this time.
- At harvest some fruit did not meet quality standards as was rejected by wineries upon delivery. This caused some frustration in the industry late in a tough growing year.



GENERAL COMMENTARY ON WINE GRAPE ACREAGE IN B.C.

- **Within the Industry across the Province:** across the province a cold snap starting December 15, 2022 damaged buds and ultimately reduced crop tonnage for the 2022 harvest by approximately 40%. Though the tonnage was down, harvested quality was generally “good” and the vintage should be of better than average quality.
- The industry remains in good shape generally with some small, to mid size wineries purchased by larger wineries and management groups. This amalgamation of some of the managed acres has stabilized some of the horticultural practices and provided a more standard fruit quality to most wineries.
- There remains significant concern at the research level and grower level about trunk diseases and virus infection in existing plantings. Research continues into the extent of this problem and several commodity groups are in discussion with the provincial and federal governments to assist in management of this problem.



APPENDIX A – STATEMENT OF CONSULTANT QUALIFICATIONS

Carl Withler, PAg is a Professional Agrologist (#695) registered and in good standing in the province of British Columbia and has been so for over 30 years. Because of this registration he is bound by a code of ethics, guided by standard and normal practices and uses scientific and field information to come to logical and rational recommendations and decisions.

Specific to this report Mr. Withler has spent 40 years in production agriculture working in every commodity from animal husbandry to tree fruit horticulture in Canada and abroad. Recently, the author retired from the provincial civil service as the Industry Specialist for the Tree fruit and Grape industries where he was the first point of contact for Tree fruit and grape producers seeking government assistance or programming. As well, Mr. Withler administered the Tree fruit replant program from 2015 until 2020 which encouraged producers to remove and replace older trees with newer and more profitable varieties. Mr. Withler is now the lead Agrologist for Green Spark Consulting.



APPENDIX A – STATEMENT OF CONSULTANT QUALIFICATIONS

George Geldart, PAg is a Professional Agrologist (#206) registered and in good standing with the BC Institute of Agrologists and has worked in agriculture for over 40 years in the area of farm business management, agriculture economics and policy and extension covering a range of agricultural commodities. The majority of his 33 years with the BC Ministry of Agriculture involved supporting numerous financial and economic issues for the Tree Fruits and Grape industries. He is currently working as an Agricultural Economist and Farm Business Management Consultant, and is on the list of qualified business consultants for the BC Ministry of Agriculture and Food's Agri-business Planning Program.

