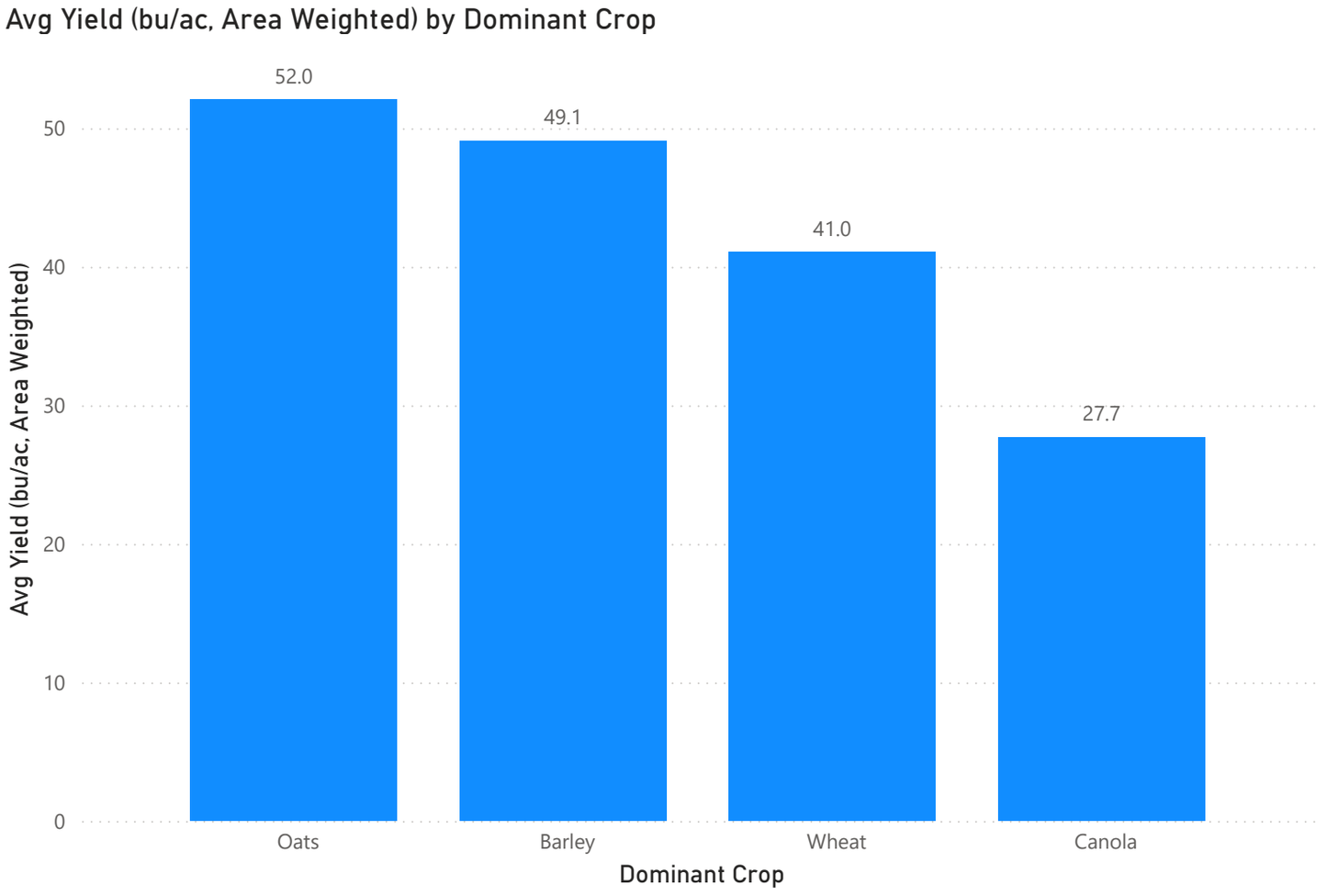
Farm Overview — Field Performance (2019–2024)

Higher Acre fields have more impact on the yield average. Dominant crop = the crop with the most acres (if a field was split).

Dominant Crop: All

year: All

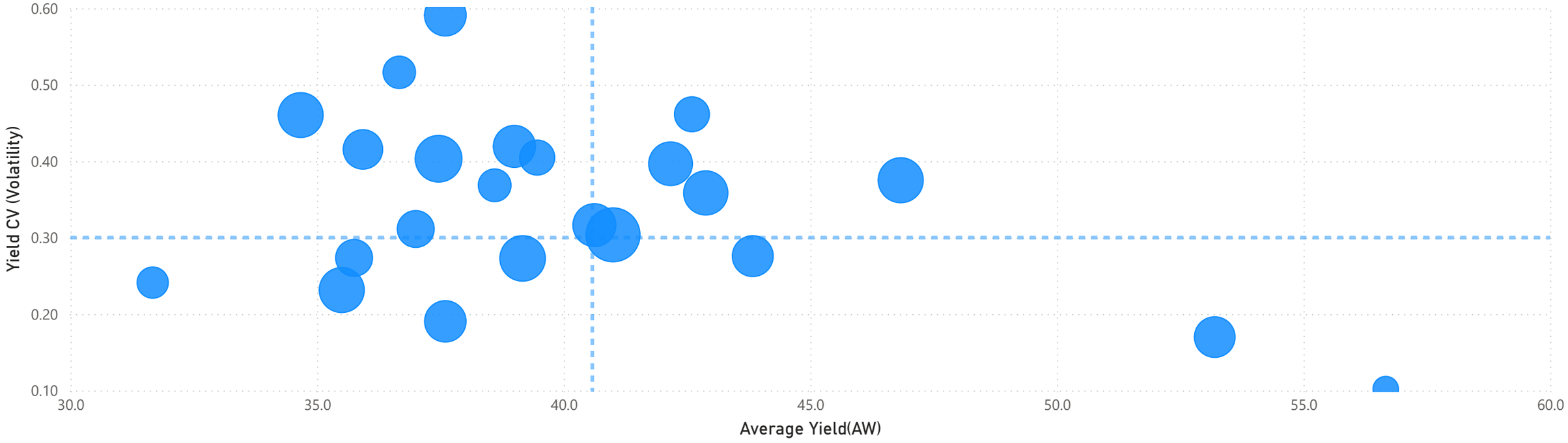
766K	40.6	6	18.88K	40
Total Bushels	Avg Yield (bu/ac, Area Weighted)	Years Covered	Total Acres	Field Count



Field ID	Avg Yield (Area Weighted)	Total Bushels	Total Acres
F034	36.4	35,460.00	974.00
F013	39.2	36,045.00	920.00
F024	35.5	31,950.00	900.00
F033	46.8	42,150.00	900.00
F007	34.4	30,771.00	895.00
F001	42.9	37,179.00	866.00
F016	41.9	35,287.00	842.00
F039	40.9	33,230.00	813.00
F004	39.0	30,225.00	775.00
F023	37.5	28,448.00	759.00
F011	37.6	28,200.00	750.00
F014	41.0	30,750.00	750.00
F026	43.9	32,080.00	730.00
F017	53.2	38,304.00	720.00
F025	34.3	23,185.00	675.00
F010	35.8	20,735.00	580.00
F018	37.0	21,460.00	580.00
F040	41.0	23,780.00	580.00
F005	37.9	19,688.00	519.00
F019	42.6	21,939.00	515.00
F038	34.9	15,525.00	445.00
F036	36.7	15,950.00	435.00
F006	31.3	12,500.00	400.00
Total	**40.6**	**766,186.00**	**18,881.00**

Field Yield vs Volatility (Bubble Size = Acres)

Right = higher average yield. Lower = more stable (less year-to-year swing).



Field ID	Avg Yield (Area Weighted)	Yield Swing(std dev)	Yield CV (Volatility)	Years of Data	Total Acres
F023	37.5	22.22	0.59	5	759.00
F036	36.7	18.93	0.52	3	435.00
F019	42.6	19.65	0.46	5	515.00
F007	34.4	15.96	0.46	6	895.00
F004	39.0	16.36	0.42	5	775.00
F025	34.3	14.93	0.42	6	675.00
F005	37.9	15.97	0.40	5	519.00
F034	36.4	15.11	0.40	6	974.00
F016	41.9	16.73	0.40	6	842.00
Total	**39.8**				

0.30

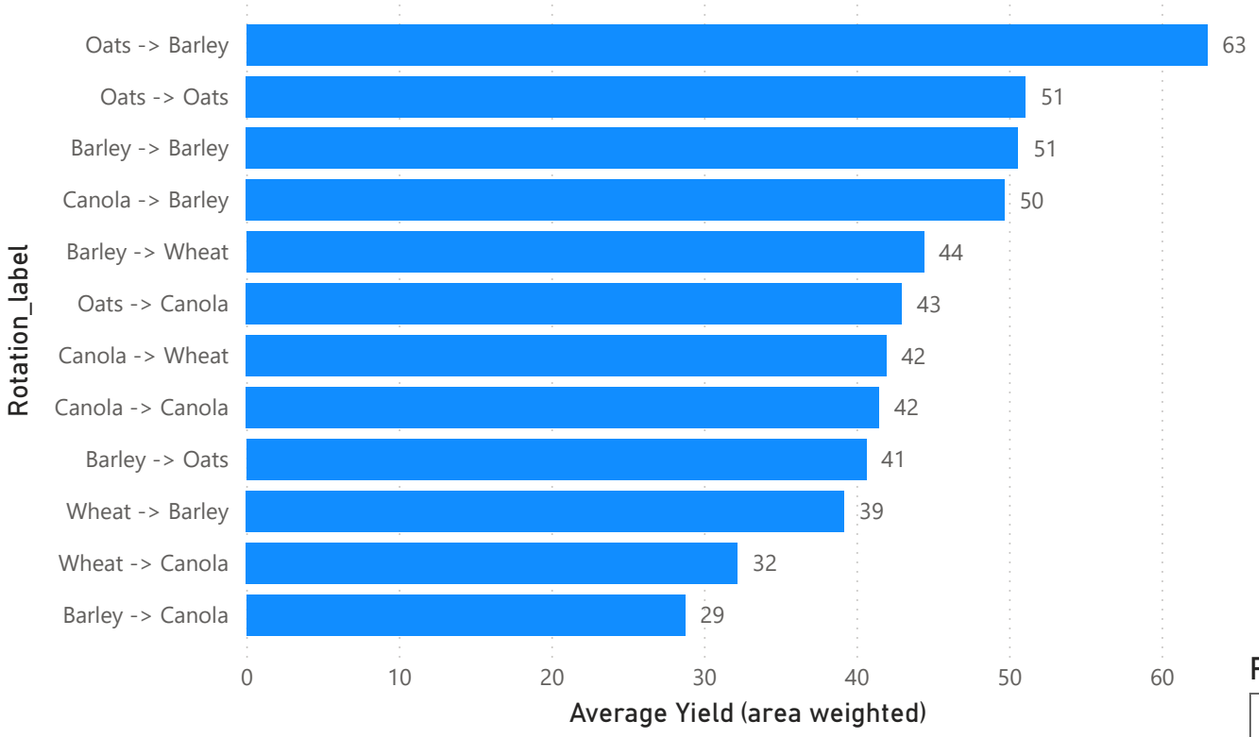
Avg Volatility (CV, Acres-Weighted)

40.6

Avg Yield (Area Weighted)

Rotation Performance (Previous Crop → Current Crop)

Shows which crop transitions tend to produce higher area-weighted yield (bu/ac).



Previous Crop	Current Crop	Average Yield (area weighted)	Transition Count
Oats	Barley	63.00	2
Oats	Oats	51.09	6
Barley	Barley	50.62	9
Canola	Barley	49.71	16
Barley	Wheat	44.43	4
Oats	Canola	43.00	2
Canola	Wheat	41.97	15
Canola	Canola	41.50	2
Barley	Oats	40.66	4
Wheat	Barley	39.22	4
Wheat	Canola	32.23	16
Barley	Canola	28.78	11

63.00

Best Rotation Yield

Oats → Barley

28.78

Worst Rotation Yield

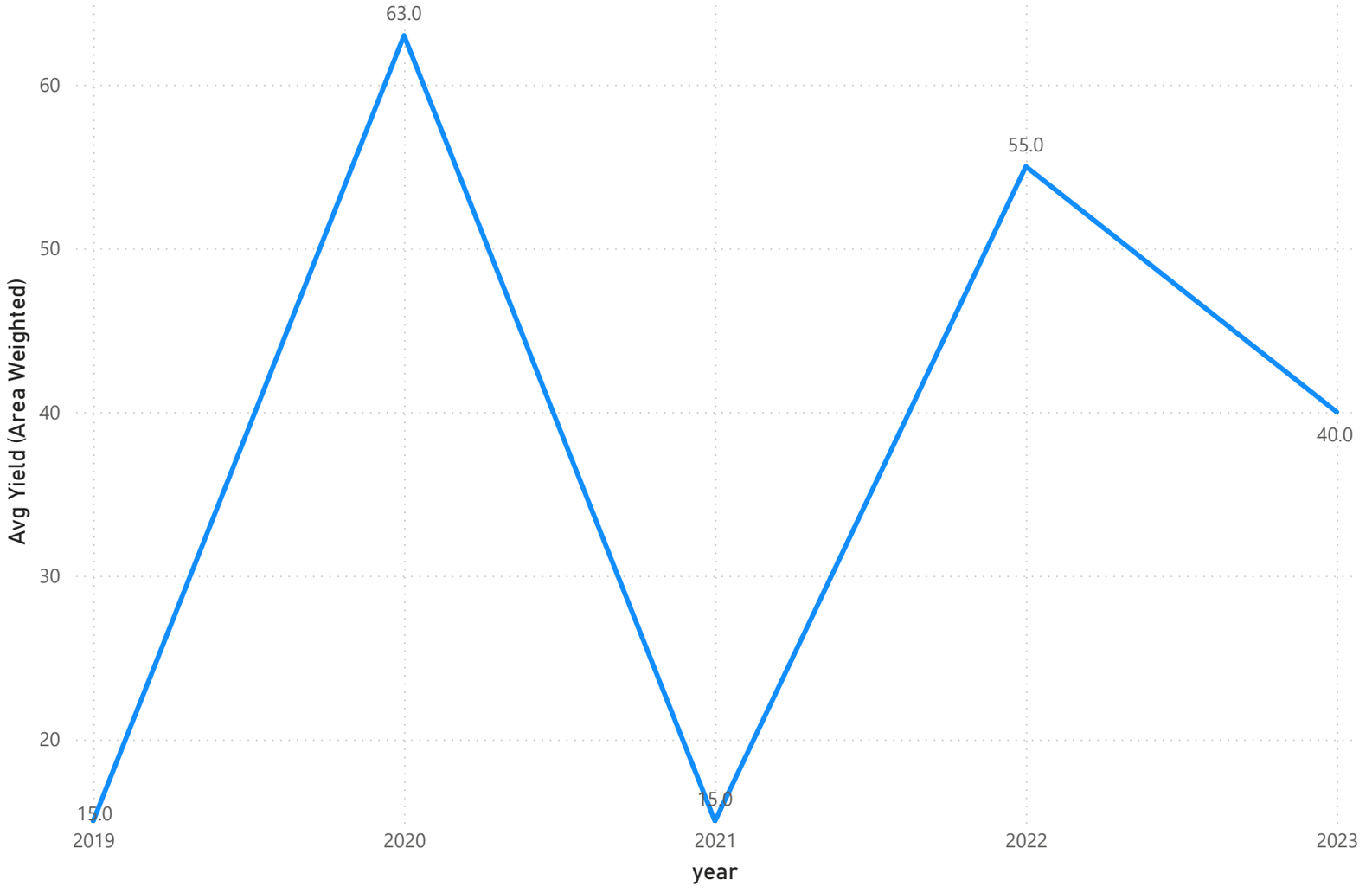
Barley → Canola

Rotation Heatmap: Avg Yield (AW) by Previous Crop → Current Crop

Previous Crop	Barley	Canola	Oats	Wheat
Barley	50.62	28.78	40.66	44.43
Canola	49.71	41.50		41.97
Oats	63.00	43.00	51.09	
Wheat	39.22	32.23		

Drill through

Avg Yield (Area Weighted) by year

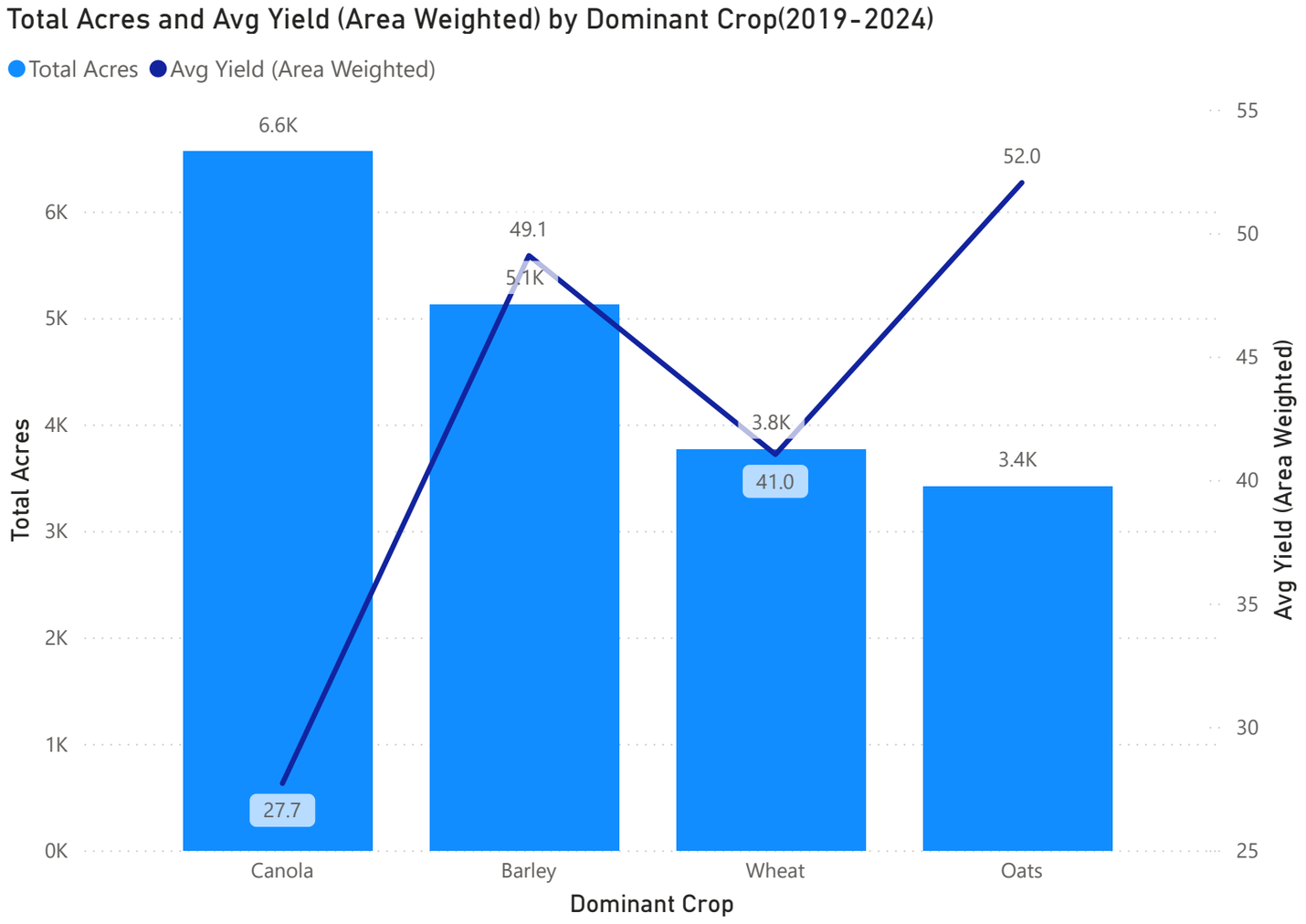


year	Dominant Crop	Crops in Year
2020	Barley	1
2022	Barley	1
2019	Canola	1
2021	Canola	1
2023	Canola	1

Field ID	Previous Year	Current year	Previous Crop	Crop	Sum of Acres	Yield bu/ac	Sum of Bushels
F017	2019	2020	Oats	Barley	144.00	63.00	9,072.00
F033	2019	2020	Oats	Barley	150.00	63.00	9,450.00
Total					**294.00**		**18,522.00**

Crop Mix: Acres & Yield Performance

Where most acres sit, and what they return per acre.



Insights

-Canola takes the most acres but has the lowest area-weighted yield — gains here move whole farm results the most.

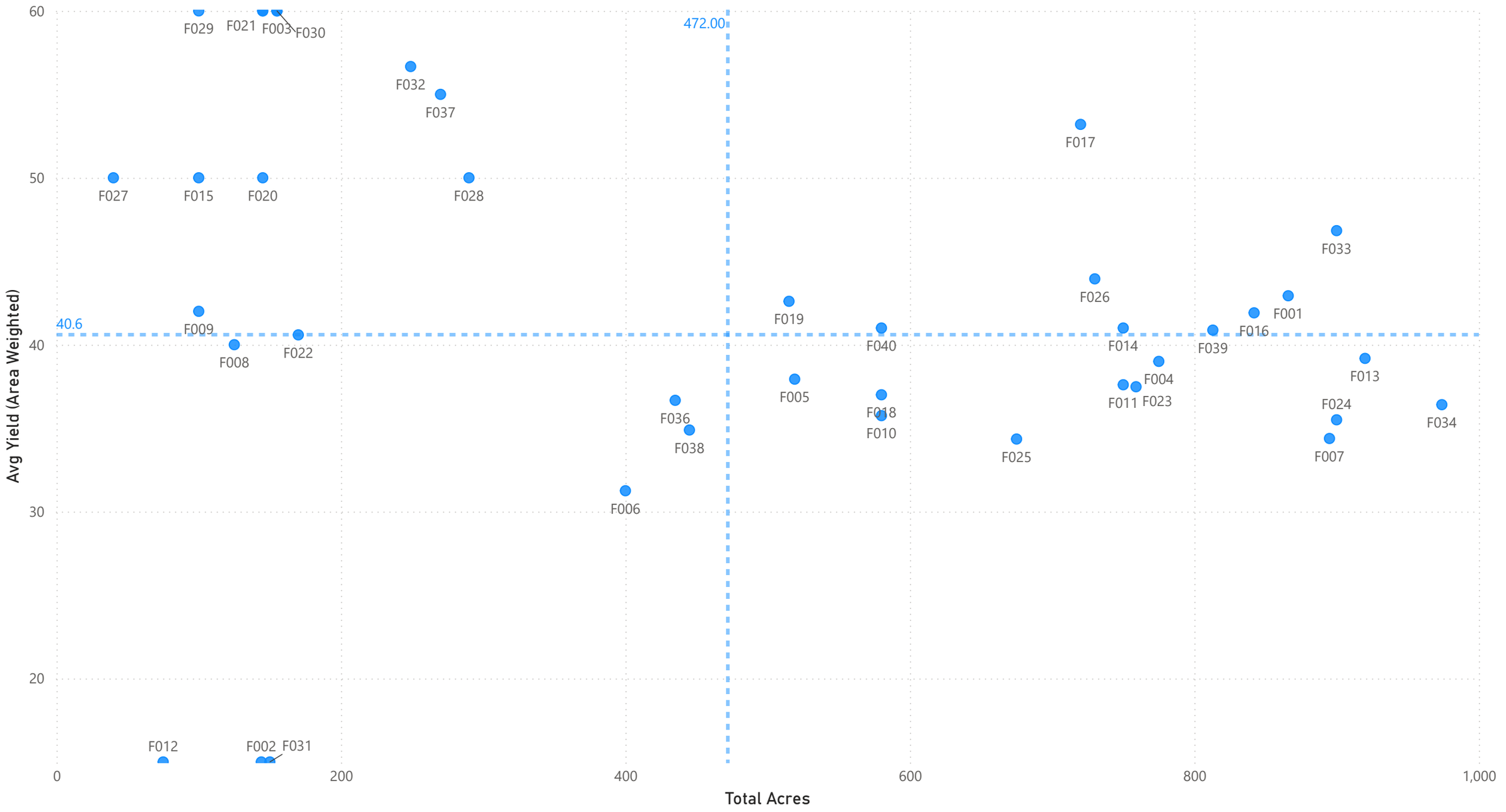
Using the same example price for canola (**~$15.5 CAD/bu**):

+1 bu/ac across those canola acre-years
= 6,600 bu total over 6 years
= **6,600 × $15.5 = ~$102,300 CAD (total over 6 years)**
= **~$17,050 CAD per year on average**

+5 bu/ac
= **~$511,500 CAD over 6 years**
= **~$85,250 CAD/year avg**

Saskatchewan 6-year average canola yield (2019–2024): *~37.6 bu/ac*

37.6 -27.7 = 10 bu/ac yield gap from Saskatchewan average


Total Acres, Avg Yield (Area Weighted), Total Acres, Avg Yield (Area Weighted) and Total Bushels by Field ID
Avg Yield (Area Weighted)
Total Acres
60
50
40
30
20
0
200
400
600
800
1,000
472.00
40.6
F029
F021
F003
F030
F032
F037
F017
F027
F015
F020
F028
F033
F026
F001
F019
F009
F040
F016
F014
F039
F008
F022
F004
F013
F005
F011
F023
F024
F036
F018
F034
F038
F010
F025
F006
F007
F012
F002
F031