

ONTARIO FARM INPUT MONITORING PROJECT
SURVEY # 2 – October 1, 2025
ECONOMICS AND BUSINESS GROUP, RIDGETOWN CAMPUS - U of G

Background

The Ontario Farm Input Monitoring Project is a survey of farm supply stores to collect cash retail prices that commercial farmers pay, when purchasing bulk fuels, fertilizers, and pesticides. Prices are collected on 45 farm inputs from 8 centres in Ontario, 3 in Michigan, 1 in Ohio and 1 in Indiana. Enumerators obtained current pricing from a minimum of 3 retail outlets in their assigned centre using the pre-designed survey form.

Results

(i) Ontario Prices

This is the second survey for 2025. On October 1, 2025, the Canadian dollar was lower than the U.S. dollar (\$1 C = \$0.7174 US).

Fuel prices showed that Regular Unleaded Gasoline prices averaged \$1.12 per litre, Diesel Fuel (coloured) averaged \$1.17 per litre and Propane (farm dryer) prices averaged \$0.61 per litre.

Urea prices ranged from \$798 to \$1,010 a tonne with an average price of \$855. Nitrogen Solution (UAN) 28% prices ranged from \$525 to \$713 with an average price of \$603 per tonne. Mono-Ammonium Phosphate prices varied from \$1,190 to \$1,841 per tonne with an average price of \$1,316. Muriate of Potash prices averaged \$711 per tonne with a range from \$601 to \$805.

With respect to pesticide prices, 2,4-D Amine prices ranged from \$8.98 to \$15.46 per litre with an average of \$11.14. Callisto prices ranged from \$95.54 to \$120.42 per litre. Roundup WeatherMAX prices averaged \$8.61 per litre while Dual II Magnum prices averaged \$41.41 per litre and Pursuit averaged \$159.04 per litre. Sencor prices averaged \$73.83 per kilogram. The price for Halex GT ranged from \$15.64 to \$19.50 with an average of \$17.93 per litre. Prowl H20 prices averaged \$19.39 per litre. Coragen MaX prices ranged from \$604.00 to \$685.50 per litre. Miravis Ace averaged \$64.52 per litre.

Ontario product prices when compared to October 2, 2024, showed that fuel prices on average were down 12%, fertilizer prices were up 12% on average, and pesticide prices were up 1%. The Canadian dollar was down \$0.02 or 3% relative to the U.S. dollar from a year ago.

Since the previous survey on April 16, 2025, changes in average prices showed that the fuel products group was down 1% and the fertilizer products group was up 7%. Pesticide products as a group were up 1%. The Canadian dollar was down less than \$0.01 or less than 1% relative to the U.S. dollar.

(ii) Comparison Between Ontario and Nearby U.S. States

Some of the products higher priced in Ontario include: Regular Unleaded Gasoline +12%; Diesel Fuel (coloured) +9%; 2,4-D Amine +2%; Accent IS +48%; Classic +48%; Dual II Magnum +33%; Pursuit +13%; Sevin +51%; and Sphaerex 3%.

Products lower priced in Ontario include: Urea 46% -15%; Nitrogen Solution 28% -7%; Mono-Ammonium Phosphate -7%; Muriate of Potash -4%; Acuron -19%; Boundary LQD -5%; Enlist 1 -34%; Halex GT -15%; Delaro Complete -44%; and Miravis Ace -23%.

The exact implications at the farm level of this variability between Ontario and the U.S. for farm inputs depends greatly on individual producer product selections and purchase timing.

Appreciation is extended to Agriculture & Agri-Food Canada for funding this project.

ONTARIO/U.S. FARM INPUT MONITORING PROJECT
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Background

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Results

(i) U.S. Prices

This is the second survey for 2025. On October 1, 2025, the Canadian dollar was lower than the U.S. dollar (\$1 C = \$0.7174 US).

Fuel prices showed that Regular Unleaded Gasoline prices averaged \$2.72 per gallon, Diesel Fuel (farm) averaged \$2.91 per gallon and Propane (farm dryer) prices averaged \$1.80 per gallon.

Fertilizer prices showed Urea prices ranging from \$575 to \$765 a ton with an average price of \$657. Nitrogen Solution (UAN) 28% prices averaged \$422 per ton. Mono-Ammonium Phosphate prices ranged from \$800 to \$950 with an average price of \$921 per ton. Muriate of Potash prices averaged \$485 per ton with a range from \$460 to \$495.

With respect to pesticide prices, Atrazine prices ranged from \$14.11 to \$20.75 per gallon with an average of \$18.54. Verdict prices averaged \$219.45 per gallon while Enlist One averaged \$63.67 per gallon. Pursuit prices ranged from \$261.53 to \$559.00 per gallon. The price for Miravis Ace varied from \$195.00 to \$255.15 with an average price of \$227.63 per gallon. Warrior II prices ranged from \$237.50 to \$446.87 per gallon.

U.S. product prices when compared to October 2, 2024, showed that fuel prices on average were up 2%, fertilizer prices were up 12% on average, and pesticide prices on average were down 4%. The Canadian dollar was down \$0.02 or 3% relative to the U.S. dollar from a year ago.

Since the previous survey on April 16, 2025, changes in average prices showed that the fuel products group was down 2%, the fertilizer products as a group were up 3% and the pesticide products as a group were down 3%. The Canadian dollar was down less than \$0.01 or less than 1% relative to the U.S. dollar.

(ii) Comparison Between Ontario and Nearby U.S. States

Some of the products higher priced in Ontario include: Regular Unleaded Gasoline +12%; Diesel Fuel (coloured) +9%; 2,4-D Amine +2%; Accent IS +48%; Classic +48%; Dual II Magnum +33%; Pursuit +13%; Sevin +51%; and Sphaerex 3%.

Products lower priced in Ontario include: Urea 46% -15%; Nitrogen Solution 28% -7%; Mono-Ammonium Phosphate -7%; Muriate of Potash -4%; Acuron -19%; Boundary LQD -5%; Enlist 1 -34%; Halex GT -15%; Delaro Complete -44%; and Miravis Ace -23%.

The exact implications at the farm level of this variability between Ontario and the U.S. for farm inputs depends greatly on individual producer product selections and purchase timing.

DATA COLLECTION METHODOLOGY

Survey Details

- Sample size - Approximately 24 Ontario and 15 U.S. retail outlets were surveyed.
- Method - The fertilizer and pesticide prices were obtained by personal visits to a cross section of outlet stores. Petroleum prices were collected by a combination of both personal visit and phone.
- Locations - Refers to geographic trading areas.

Terms and Conditions

- Price - The price collected was defined as the cash retail price an average commercial farmer would pay when purchasing a minimum amount of fuel, fertilizer, and pesticide.
- Volume - Price reductions due to large volumes, bulk purchases, special memberships, or yearend sales incentives were not considered. Price quotes were for cash and carry.
- Services - All additional services i.e. delivery, testing or application, were excluded from the price quote.
- Levy - The Canadian container recycling levy was not subtracted from the Canadian price.
- Petroleum - In Ontario the fuel tank and pump is assumed to be owned by the fuel supplier while in the U.S. the tank and pump is owned by the farmer.

Price Comparisons

- Exchange - The October 1, 2025 daily average rate for the Bank of Canada was used. i.e. \$1.3940 Canadian equals \$1 U.S. (or \$0.7174 U.S. equals \$1 Canadian)
- Average - The arithmetic average of all price quotes for each geographic centre was calculated.
- Conversion - U.S. prices were converted to their Canadian equivalent by adjusting for exchange rate, measure, and concentration.
- Values - For mixing cost, \$.01 designates no charge.
- GST - Where applicable, GST was excluded from the input cost.

Price Comparison in Canadian Dollars Between Ontario and Nearby American States for Oct 01, 2025

ONTARIO PRODUCT	UNIT	ALL ONT. LOCATIONS			ALL U.S. LOCATIONS		
		MIN	MAX	AVG	MIN	MAX	AVG
Regular Unleaded Gasoline	LITRE	0.91	1.30	1.12	0.70	1.22	1.00
Diesel Fuel (coloured)	LITRE	1.03	1.35	1.17	0.91	1.16	1.07
Propane (farm dryer)	LITRE	0.39	0.94	0.61	0.52	0.77	0.66
Ammonium Sulphate 21-0-0-24	TONNE	690.00	1125.00	804.32	699.16	906.60	766.19
Urea 46%	TONNE	798.00	1010.00	854.53	883.55	1175.50	1009.89
Nitrogen Solution (UAN) 28%	TONNE	525.00	713.00	603.14	553.18	760.62	648.26
Mono-Ammonium Phosphate 11-52-0	TONNE	1190.00	1840.71	1315.57	1229.28	1459.78	1414.78
Di-Ammonium Phosphate 18-46-0	TONNE				1382.95	1453.63	1419.31
Triple Superphosphate 0-46-0	TONNE	1040.00	1175.00	1095.46			
Muriate of Potash 60%	TONNE	600.60	805.00	711.18	706.84	760.62	744.49
Liquid 6-24-6	TONNE	1200.00	1550.00	1410.11	1528.15	1528.15	1528.15
Liquid 10-34-0	TONNE	974.00	1300.00	1137.33	998.79	1198.55	1105.08
Mixing Charge (no GST or PST)	TONNE	10.00	30.00	16.50	15.37	38.42	26.90
2,4-D Amine 600 (564 g/l EC)	LITRE	8.98	15.46	11.14	7.93	12.29	10.91
Accent IS (54.55% DF)	GRAM	1.62	1.92	1.79	1.05	1.31	1.21
Acuron (7.1 g, 28.5 g, 257, 120 g/L)	LITRE	17.19	21.40	19.69	12.85	33.55	24.44
Armezon (336 g/L SU)	ML	0.80	1.01	0.93	0.79	1.79	1.02
Atrazine 480 (480 g/l SU)	LITRE	15.60	19.30	17.89	5.20	7.64	6.83
Authority Supreme (2@250 g/L, SC)	LITRE	130.08	158.38	150.48	50.82	240.07	152.50
Boundary LQD (628 g/L, 149 g/L EC)	LITRE	22.93	28.50	26.37	12.71	32.88	27.83
Callisto 480 SC (480 g/L SC)	LITRE	95.54	120.42	109.80	33.15	137.01	111.19
Classic (25% WG)	GRAM	1.00	1.53	1.30	0.52	1.16	0.88
Dual II Magnum (915 g/l EC)	LITRE	34.25	47.40	41.41	24.90	36.52	31.19
Enlist 1 (454 g/L SN)	LITRE	9.46	17.55	15.43	21.76	25.93	23.45
Halex GT (2 @ 250 g/L, 1 @ 25 g/L)	LITRE	15.64	19.50	17.93	16.37	25.13	21.17
Integrity (68 g/L, 600 g/L EC)	LITRE	61.56	82.22	74.71	66.78	106.82	80.82
MCPA Amine 500 (500 g/l SN)	LITRE	6.00	17.00	12.02	13.83	20.13	15.52
Pardner (280 g/l EC)	LITRE	20.63	28.00	25.74	24.63	27.54	25.78
Prowl H2O (455 g/L EC)	LITRE	16.30	21.91	19.39	15.94	22.60	19.19
Pursuit (240 g/l SN)	LITRE	118.48	183.33	159.04	96.32	205.88	140.93
Reflex (240 g/L EC)	LITRE	48.73	60.50	56.01	22.90	24.73	23.41
Roundup WeatherMAX (540 g/l SN)	LITRE	7.39	11.25	8.61	7.94	13.41	10.06
Sencor 75 DF (75% WG)	KILOG	64.52	83.20	73.83	34.73	46.56	39.71
Coragen MaX (600 g/L SU)	LITRE	604.00	685.50	658.03	190.02	470.42	360.65
Delegate (25% WG)	GRAM	0.39	0.53	0.46	0.48	0.62	0.57
Malathion 500 EC (500 g/l EC)	LITRE	18.00	45.40	37.74	15.30	24.43	20.61
Matador 120EC (120 g/L EC)	LITRE	178.57	222.22	194.45	42.11	79.23	59.31
Pounce (384 g/L EC)	LITRE	57.97	105.00	66.35	19.83	47.84	33.84
Sevin XLR+ (480 g/l LI)	LITRE	27.50	52.80	43.53	25.27	33.52	28.82
Bravo (500 g/l SC)	LITRE	16.50	19.40	18.38	8.91	11.76	10.60
Delaro Complete (176.2g, 154g, 128.3	LITRE	74.33	97.75	90.97	128.71	206.12	161.13
Miravis Ace (150 g/L, 125 g/L)	LITRE	56.17	75.31	64.52	71.82	93.97	83.83
Nova 40 W (40% WP)	KILOG	276.78	323.21	299.37	196.69	207.50	200.62
Prosaro Pro (1@200 g, 2@100g/L SU)	LITRE	67.55	89.79	83.47	29.19	113.60	84.19
Sphaerex (112.5 g/L, 187.5 g/L EC)	LITRE	79.65	118.73	105.47	37.86	117.85	102.05
Ethrel (240 g/l LI)	LITRE	24.82	33.30	27.62	6.80	7.33	6.98

Exchange Rate: 1.394

**PRICE COMPARISON BETWEEN ONTARIO AND NEARBY AMERICAN STATES FOR OCTOBER 1, 2025
AVERAGE ONTARIO/U.S. PRICE IN CDN DOLLARS AND PERCENT DIFFERENCE**

ONTARIO PRODUCT	UNIT	AVERAGE ONTARIO PRICE	AVERAGE U.S. PRICE	ONTARIO VS U.S.	ONTARIO 2025 VS ON 2024
Regular Unleaded Gasoline	LITRE	\$1.12	\$1.00	11.8%	-10.5%
Diesel Fuel (coloured)	LITRE	\$1.17	\$1.07	8.7%	-10.0%
Propane (farm dryer)	LITRE	\$0.61	\$0.66	-8.5%	-15.8%
Ammonium Sulphate 21-0-0-24	TONNE	\$804.32	\$766.19	5.0%	20.2%
Urea 46%	TONNE	\$854.53	\$1,009.89	-15.4%	9.2%
Nitrogen Solution (UAN) 28%	TONNE	\$603.14	\$648.26	-7.0%	15.2%
Mono-Ammonium Phosphate 11-52-0	TONNE	\$1,315.57	\$1,414.78	-7.0%	22.4%
Di-Ammonium Phosphate 18-46-0	TONNE		\$1,419.31		
Triple Superphosphate 0-46-0	TONNE	\$1,095.46			
Muriate of Potash 60%	TONNE	\$711.18	\$744.49	-4.5%	4.3%
Liquid 6-24-6	TONNE	\$1,410.11	\$1,528.15	-7.7%	10.8%
Liquid 10-34-0	TONNE	\$1,137.33	\$1,105.08	2.9%	1.8%
Mixing Charge (no GST or PST)	TONNE	\$16.50	\$26.90	-38.7%	8.7%
2,4-D Amine 600 (564 g/l EC)	LITRE	\$11.14	\$10.91	2.1%	-2.6%
Accent IS (54.55% DF)	GRAM	\$1.79	\$1.21	47.7%	2.6%
Acuron (7.1 g, 28.5 g, 257, 120 g/L)	LITRE	\$19.69	\$24.44	-19.4%	0.0%
Armezon (336 g/L SU)	ML	\$0.93	\$1.02	-8.5%	2.4%
Atrazine 480 (480 g/l SU)	LITRE	\$17.89	\$6.83	162.0%	3.6%
Authority Supreme (2@250 g/L, SC)	LITRE	\$150.48	\$152.50	-1.3%	2.3%
Boundary LQD (628 g/L, 149 g/L EC)	LITRE	\$26.37	\$27.83	-5.3%	0.7%
Callisto 480 SC (480 g/L SC)	LITRE	\$109.80	\$111.19	-1.2%	-0.6%
Classic (25% WG)	GRAM	\$1.30	\$0.88	47.9%	1.2%
Dual II Magnum (915 g/l EC)	LITRE	\$41.41	\$31.19	32.8%	0.3%
Enlist 1 (454 g/L SN)	LITRE	\$15.43	\$23.45	-34.2%	1.6%
Halex GT (2 @ 250 g/L, 1 @ 25 g/L)	LITRE	\$17.93	\$21.17	-15.3%	-1.1%
Integrity (68 g/L, 600 g/L EC)	LITRE	\$74.71	\$80.82	-7.6%	1.2%
MCPA Amine 500 (500 g/l SN)	LITRE	\$12.02	\$15.52	-22.6%	-15.7%
Pardner (280 g/l EC)	LITRE	\$25.74	\$25.78	-0.2%	1.9%
Prowl H2O (455 g/L EC)	LITRE	\$19.39	\$19.19	1.0%	3.0%
Pursuit (240 g/l SN)	LITRE	\$159.04	\$140.93	12.8%	2.1%
Reflex (240 g/L EC)	LITRE	\$56.01	\$23.41	139.2%	0.5%
Roundup WeatherMAX (540 g/l SN)	LITRE	\$8.61	\$10.06	-14.4%	2.9%
Sencor 75 DF (75% WG)	KILOG	\$73.83	\$39.71	85.9%	0.2%
Coragen MaX (600 g/L SU)	LITRE	\$658.03	\$360.65	82.5%	0.7%
Delegate (25% WG)	GRAM	\$0.46	\$0.57	-19.6%	1.1%
Malathion 500 EC (500 g/l EC)	LITRE	\$37.74	\$20.61	83.1%	8.7%
Matador 120EC (120 g/L EC)	LITRE	\$194.45	\$59.31	227.9%	1.1%
Pounce (384 g/L EC)	LITRE	\$66.35	\$33.84	96.1%	2.3%
Sevin XLR+ (480 g/l LI)	LITRE	\$43.53	\$28.82	51.0%	-1.1%
Bravo (500 g/l SC)	LITRE	\$18.38	\$10.60	73.4%	2.4%
Delaro Complete (176.2g, 154g, 128.3g)	LITRE	\$90.97	\$161.13	-43.5%	-1.0%
Miravis Ace (150 g/L, 125 g/L)	LITRE	\$64.52	\$83.83	-23.0%	-0.4%
Nova 40 W (40% WP)	KILOG	\$299.37	\$200.62	49.2%	1.0%
Prosaro Pro (1@200 g, 2@100g/L SU)	LITRE	\$83.47	\$84.19	-0.9%	2.8%
Sphaerex (112.5 g/L, 187.5 g/L EC)	LITRE	\$105.47	\$102.05	3.3%	1.2%
Ethrel (240 g/l LI)	LITRE	\$27.62	\$6.98	295.9%	3.2%

Exchange Rate: 1.394

Seed Pricing (October 1, 2025)

Exchange Rate: 1.3940

Commodity	Unit	Ontario (\$CAD)			U.S. (\$CAD)			Ontario vs. U.S. AVG
		MIN	MAX	AVG	MIN	MAX	AVG	
Wheat	22.7 kg	28.75	46.00	33.23	26.83	73.88	42.57	-22.0%
Corn RR	80,000 seeds	286.75	430.00	361.42	355.47	550.63	445.75	-18.9%
Corn Conventional	80,000 seeds	232.75	362.00	274.15	292.74	432.14	357.54	-23.3%
Soybean RR	140,000 seeds	69.45	105.00	86.60	79.43	111.52	90.95	-4.8%
Soybean Conventional	22.7 kg	40.45	93.00	65.71	48.79	97.58	75.82	-13.3%

Commodity	Unit	U.S. (\$USD)			Ontario (\$USD)			U.S. vs. Ontario AVG
		MIN	MAX	AVG	MIN	MAX	AVG	
Wheat	50 lb	19.25	53.00	30.54	20.62	33.00	23.84	22.0%
Corn RR	80,000 seeds	255.00	395.00	319.76	205.70	308.46	259.27	18.9%
Corn Conventional	80,000 seeds	210.00	310.00	256.49	166.97	259.68	196.67	23.3%
Soybean RR	140,000 seeds	56.98	80.00	65.25	49.82	75.32	62.13	4.8%
Soybean Conventional	50 lb	35.00	70.00	54.39	29.02	66.71	47.14	13.3%

Note: The price collected was defined as the cash retail price that a commercial farmer would pay when purchasing a minimum amount of seed. Seed varieties vary by location.