



CANADA

2026 WEED-IT Pre-Seed Burnoff Results

Western Canada | 10 Customer Farms | WEED-IT Canada Team

Overview:

This summary highlights 2026 pre-seed burnoff results from 10 WEED-IT customer farms in Alberta and Saskatchewan.

Across these farms, sprayers covered **48,582.68 acres**. WEED-IT activated the nozzles on **16,914.69 acres** where chlorophyll from living vegetation was detected. That means **31,676.99 acres**, or **65% of the acres covered**, did not need to be sprayed.

On farm, that means less spray used, less water hauled, fewer refill stops, and more acres covered per tank.

Operation Performance Summary:

The following summary reflects 2026 pre-seed burnoff results from 10 customer farms in Alberta and Saskatchewan. The range in acres covered and savings percentages shows how results can vary by farm size, weed pressure, and field conditions.

Farm	Acres Covered	Acres Not Sprayed	% Not Sprayed	% Sprayed	Herbicide Savings	Liquid Saved (gal)
Farm 1	922.43	396.71	43%	57%	\$3,173.68	998.11
Farm 2	3,140.62	1,775.27	57%	43%	\$14,202.16	12,974.80
Farm 3	15,663.72	12,283.01	78%	22%	\$98,264.08	118,920.24
Farm 4	869.44	586.78	67%	33%	\$4,694.24	7,365.47
Farm 5	3,696.13	1,213.60	33%	67%	\$9,708.80	6,675.27
Farm 6	3,360.78	2,504.26	75%	26%	\$20,034.08	25,523.84
Farm 7	10,354.42	4,876.89	47%	53%	\$39,015.12	67,868.90
Farm 8	1,561.75	567.69	36%	64%	\$4,541.52	2,680.47
Farm 9	6,347.77	5,398.25	85%	15%	\$43,186.00	56,695.98
Farm 10	2,665.62	2,074.53	78%	22%	\$16,596.24	19,989.39
Total	48,582.68	31,676.99	65%	35%	\$253,415.92	319,692.47

Customer names have been removed to protect privacy. Results are based on available 2026 pre-seed burnoff data from WEED-IT DASH systems operating across Alberta and Saskatchewan. Actual savings will vary by farm, field conditions, weed pressure, chemical program, water rate, sprayer setup, sensitivity settings, and operating practices.

What This Shows:

Although the sprayers covered more than **48,500 acres**, WEED-IT applied herbicide to approximately **16,915 acres** where living vegetation was present. A large portion of the covered acres did not need to be sprayed, creating estimated herbicide savings of **\$253,415.92** and saving more than **319,000 gallons of liquid**.

This data shows why field-by-field weed pressure matters. In these 2026 pre-seed burnoff applications, WEED-IT did not treat every acre the same. The system used chlorophyll fluorescence detection to identify living vegetation and apply product only where it was detected.

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2026 WEED-IT Pre-Seed Burnoff Results

Key Results from the 2026 Data:

- **48,582.68** acres covered
- **16,914.69** acres sprayed
- **31,676.99** acres covered but not sprayed
- **65%** of covered acres did not need to be sprayed
- **\$253,415.92** in estimated herbicide savings, **based on an \$8/ac** herbicide assumption
- **319,692.47** gallons / **1,210,167.64** litres of liquid saved
- **\$9,590.77** in estimated direct water value, based on \$0.03 per gallon

Operational Value Beyond Herbicide Savings:

The direct water value shown in this report is based on a conservative estimate of **\$0.03 per gallon of water saved**. That creates a common benchmark, but it does not fully capture the time and logistics involved in keeping a sprayer moving.

When WEED-IT reduces the acres that need to be sprayed, each tank load can cover more acres. That can mean:

- Reduced water hauling and refill requirements.
- Lower fuel use and equipment wear on tender trucks.
- Fewer labour hours dedicated to water hauling and mixing.
- Less time tied up in water, chemical, and refill logistics.
- More acres out of every tank because WEED-IT is not applying product and water where no living vegetation is detected.
- Less unnecessary chemical applied to bare soil, supporting long-term soil stewardship.

For most farms, the bigger value is not just the cost of water. It is keeping the sprayer moving when the weather, field conditions, and timing line up.

Questions to Consider on Your Farm:

- What does it cost your operation to haul one gallon of water to the sprayer?
- How much labour is tied up in hauling and refilling water during spraying?
- How many refills, stops, or tender trips could be eliminated if your sprayed acres were reduced?
- If saving minutes at each fill matters, what would it be worth to reduce the number of fills?
- How many additional acres could be covered per day with fewer refill stops?
- What is the value of keeping the sprayer moving when the weather, field conditions, and timing line up?
- How much value would reducing unnecessary chemical application bring to your operation?

DASH Visibility and Agronomist Collaboration:

The value of WEED-IT is not only in reducing unnecessary spraying, but in making those results visible and usable. Through DASH and the DASH portal, growers can review acres covered, acres sprayed, liquid saved, and application maps, then estimate savings field by field using their own herbicide costs and operating assumptions.

For farms working with an agronomist or trusted advisor, DASH can also support collaboration when the grower chooses to provide access. Advisors can help review spray activity, compare weed pressure across fields, import or manage field boundaries, create spray jobs for operators, and use completed job maps to support future herbicide planning, scouting priorities, and weed-management decisions.

Completed spray-job data can also be converted into downloadable map files, such as Shapefile or GeoTIFF, for use in compatible mapping or farm management platforms.