

Efficient Product Rebates

Commercial Agricultural Rebate Guide

The following tables list the product requirements and rebates available for a range of energy-efficient agricultural technologies. For more information please visit our website efficiencyns.ca.

If your utility bill is less than \$3,800 monthly and you have not yet purchased your products, your business may qualify for rebates in addition to those listed here.

High Efficiency Fans

Product	Criteria	Diameter (Inches)	Minimum Efficiency (Cfm/Watt)	Rebate
Ventilation Fan (Exhaust or Supply Fan)	<ul style="list-style-type: none"> BESS or AMCA listed CSA / cUL rated 	14-23	11	\$55
		24-35	13	\$65
		36-47	18	\$75
		48+	21	\$95
Circulation Fan	<ul style="list-style-type: none"> BESS or AMCA listed Must replace existing circulation fans (unless building is new construction) CSA / cUL rated 	18-35	13	\$35
		36-47	19	\$55
		48+	23	\$75

Note: Rated efficiency for ventilation fans may be listed as “VER” (Ventilating Efficiency Ratio) and minimum requirements are measured at 0.05 static pressure. For circulation fans, rated efficiency may be listed as “Efficacy Ratio”, measured in thrust-cfm/Watt. Visit bess.illinois.edu and amca.org for more information.

High Volume Low Speed Fans (HVLS)

Product	Criteria	Diameter (feet)	Rebate
High Volume Low Speed Fans (HVLS)	<ul style="list-style-type: none"> Must replace existing circulation fans (unless building is new construction) CSA / cUL rated For agricultural facilities only 	16-22	\$1000
		24+	\$2000

Agriculture Heat Pads

Size	Criteria	Wattage	Rebate
Single Heat Pad	<ul style="list-style-type: none"> Must replace incandescent heat lamps CSA / cUL rated 	<100	\$60
Double Heat Pad		<200	\$120

Dual & Natural Ventilation

Facility Operation Time	Criteria	Rebate
Year-round	<ul style="list-style-type: none"> Both natural and dual ventilation systems that meet the following criteria are eligible: <ul style="list-style-type: none"> - Natural Ventilation – No mechanical ventilation present. All ventilation provided by chimneys and sidewall openings (with curtains or panels). - Dual Ventilation – Mechanical ventilation to modulate exhaust in winter months only. New construction and retrofits eligible for rebate. Eligible facility types: dairy cows, swine, layers, broilers, turkeys, and sheep. 	\$0.10 / sq. ft.
Winter only		\$0.06 / sq. ft.

Note: For facility types not listed, where mechanical ventilation has been or would traditionally be employed, contact Efficiency Nova Scotia for a customized rebate.

Livestock Waterers

Product	Criteria	Wattage	Rebate
Low-Energy or Zero-Energy Livestock Waterers	<ul style="list-style-type: none"> Must contain a minimum of 2 inches insulation and an adjustable thermostat CSA / cUL rated 	≤300	\$100

Engine Block Timer

Product	Criteria	Rebate
Engine Block Heater Timer	<ul style="list-style-type: none"> Must control engine block heater timer of at least 400 Watts Must not replace existing heater timer CSA / cUL rated 	\$40

Dairy Farm Equipment

Product	Criteria	Rebate
Dairy Scroll Compressor	<ul style="list-style-type: none"> Must replace reciprocating compressor 	\$150 / hp
Heat Reclaimer Unit	<ul style="list-style-type: none"> Cannot be replacing existing heat reclaimer unit Must electrically heat water 	\$1,250 / unit
Milk Pre-cooler	<ul style="list-style-type: none"> Cannot be replacing existing milk pre-cooler 	10-49 Plates \$750 / unit
		50+ Plates \$1,400 / unit
VFD Milk Vacuum Pump	<ul style="list-style-type: none"> Cannot be replacing existing VFD Must milk at least 50 cows 	\$150 / hp controlled
VFD Milk Transfer Pump	<ul style="list-style-type: none"> Must have pre-cooler installed Must milk at least 75 cows 	\$500 / unit

Related Measures: Horticultural Lighting rebates can be found in the Commercial Lighting rebate guide.

Efficient Product Rebates

Commercial Agricultural Rebate Worksheet

For assistance in completing this Commercial Agricultural Rebate Worksheet please refer to the **Commercial Agricultural Rebate Guide**.

To receive your rebates, enter the product details in the table(s) below. To prevent unnecessary delays in the processing of your application, please complete all of the information requested.

General Business Information:

Hours of operation

	Open	Close
MON		
TUES		
WED		
THURS		
FRI		
SAT		
SUN		

Are there times of the year when your business is non-operational?

- No
- Yes - general holidays
- Yes - seasonal shutdown
- Yes - for other reasons

Explain: _____

Explain: _____

NOTES:

Instructions

1. Review the criteria on the **Agricultural Equipment Rebate Guide** to verify that your selected products qualify for rebates.
2. If products are eligible, complete the Agricultural Equipment Rebate Worksheet.
3. Attach completed Agricultural Equipment Rebate Worksheet to the rest of your application.

High Efficiency Fans

Installation location		Product: Ventilation or Circulation	Manufacturer	Model	Unit Efficiency (cfm/ Watt)	Airflow (cfm)	Annual Operating Hours	Quantity
Example: Barn 2	Existing	Circulation	ABC Inc.	VG00451	13.0	8,000	1,200	1
	New	Circulation	XYZ Inc.	C123	15.0	10,000	1,200	1
	Existing							
	New							
	Existing							
	New							

High Volume Low Speed Fans

Installation location		Manufacturer	Model	Fan Power Consumption (Watts)	Annual Operating Hours	Quantity
Example: Barn 2	Existing	ABC Inc.	VG00451	5000	1,200	1
	New	XYZ Inc.	C123	1000	1,200	1
	Existing					
	New					
	Existing					
	New					

Agriculture Heat Pads

Manufacturer	Model	Size (Double or Single)	Unit Wattage	Annual Operating Hours	Quantity
Example: XYZ Inc.	KRS-1	Single	60	6,906	4

Dual & Natural Ventilation

Installation location	Manufacturer	Model	Dual or Natural	New Construction or Retrofit	Livestock Capacity	Facility Type	Square Footage of Livestock Space
Example: New Dairy Barn	ABC Inc.	123-XXX-01	Dual	New Construction	40 Cows (year round)	Dairy Cows	10,000 sq. ft.

Livestock Waterers / Engine Block Heater Timers

Product	Manufacturer	Model	Unit Wattage	Annual Operating Hours	Quantity
Example: Low-energy livestock waterer	XYZ Inc.	KRS-1	250	6,906	4

Dairy Scroll Compressors / Heat Reclaimer Units

Product	Manufacturer	Model	Number of Cows Milked (excludes dry cows)	Operating hours/day	Milking days/year	Pre-cooler? (yes/no)
Example: Dairy Scroll Compressor	XYZ Inc.	KRS-1	100	8	365	Yes

Milk Pre-Coolers / Variable Frequency Drive (VFD) for Milk Transfer Pumps

Product	Manufacturer	Model	Number of Cows Milked (excludes dry cows)	Annual Operating Hours
Example: Pre-cooler	XYZ Co	ABC	150	6,900

Variable Frequency Drive (VFD) for Milk Vacuum Pumps

Milking System Type (Parlor, Tie, or Stanchion)	Manufacturer	Model	Pump Type (Rotary Vane, or Blower)	Pump Motor (hp)	Number of Cows Milked (excludes dry cows)	Quantity
Example: Parlor	XYZ Co	ABC	Rotary Vane	10 hp	60	4