

VALUE BEYOND YIELD®



2024 PROGRAM GUIDE



Learn more at Omega3Canola.com



nuseed® Ω3

CANOLA PRODUCTION SYSTEM



PROFIT AND PERFORMANCE FOR GROWERS, VALUABLE NUTRITION FOR ALL.

We are partnering with select canola growers to meet the increasing demands of the aquaculture and human nutrition markets for plant-based long-chain omega-3 sources.

Omega-3 canola is revolutionizing how plant-based solutions interact with other segments of the agriculture industry.

DHA PRODUCTION COMPARISON


10,000
1KG FISH

=

2
ACRES
OMEGA-3
CANOLA

 **nutriterra**

 **aquaterra™**

Nuseed Omega-3 Canola is processed into our proprietary oil ingredients, Aquaterra® for aquafeed and Nutriterra® for human nutrition markets. Both products are more than just alternative sources of omega-3; they are uniquely rich in total DHA, vital building blocks for good nutrition.



nuseed® Ω3

CANOLA PRODUCTION SYSTEM

CONTRACT ADVANTAGE

The Omega-3 Canola Production System delivers fair, competitive market value profit potential via grower controlled, flexible contracting options and stable yield performance, in support of land & ocean sustainability.



Nuseed factors in farm location, business priorities, stewardship and production capabilities for our contract producers.

Interested in growing Nuseed Omega-3 Canola?

Go to Omega3Canola.com to fill out a contract assessment to see if you're a good fit for our program.

END-USE
MARKET
OPPORTUNITY



+

FLEXIBLE
CONTRACT
OPTIONS



+

ATTRACTIVE
BASIS
OPPORTUNITY



+

GROWER
INCENTIVES



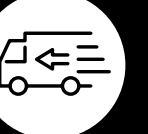
+

FORCE
MAJEURE
ACT OF GOD
CLAUSE



+

DELIVERY
GUARANTEED



+

AGRONOMY
SUPPORT



PRODUCTION CONTRACT PRICE (US\$) = BASIS PREMIUM + ICE NOVEMBER 2024 CANOLA FUTURES

BASIS PREMIUM: Fixed US\$ amount that includes all Nuseed marketing incentives and benefits.

- Basis Premium is agreed upon & fixed on the day the grower signs the 2024 Omega-3 Canola Production System Contract.

ICE NOVEMBER 2024 CANOLA FUTURES: Derived from the ICE November 2024 Canola Futures traded in CAD\$ per metric ton converted to US\$.

- A grower has the option to secure the Canola futures price on the date of signing the Production Contract OR any day after signing the production contract, until October 15th, 2024.
- Grower can fully price the production contract by locking in the 2024 ICE November canola futures price and FX (foreign exchange rate) any day after signing the production contract, until October 15th, 2024.
- If the grower has NOT priced the contract by end of day on October 15th, 2024, the contract will receive the settled futures price from the October 15th close.
 - The futures price will be the “settled” price after the close of trading at 1:20 Central time. Prior to 1:20 Central time, the previous days settled price will be the value used to final price a basis contract. The futures price will be converted to US\$/MT with the daily CAD/USD exchange rate published by the Bank of Canada by 3:30pm Central time.



PRODUCTION CONTRACT PRICING OPTIONS: Grower must have a signed contract prior to pricing.

OPTION 1: Lock-In 100% of the contract.

OPTION 2: Lock-In 50% of the contract on two different days. The nominated futures prices will be averaged out and the basis price will be applied to the calculated futures average for final price.

*Growers must clearly indicate when first pricing the contract whether they are choosing option 1 or option 2.

*Daily pricing updates are provided by Nuseed once contact details have been received from the grower.

*When ready to lock in a price please email Omega3@nuseed.com or call +1(669) 287-8311

*Pricing confirmations will be emailed out by Nuseed following price lock-in communications.

Example

		Metric Tons	Bushels	Hundredweight
October 6, 2023	Basis Premium	US\$150/mt	\$3.40/bu	\$6.80/cwt
April 19, 2024	Futures Price	CAD\$850/mt	-	-
April 19, 2024	CAD/USD	\$0.78	-	-
April 19, 2024	Futures Price	US\$663/mt	\$15.03/bu	\$30.06/cwt
April 19, 2024	Final Price	US\$813/mt	\$18.43/bu	\$36.86/cwt

Identity preservation is critical to the Omega-3 Canola Production System’s success, and growers are key participants to maintaining its identity and traceability. All field operations must follow best practices to contain and maintain trait and genetic purity, its isolation, pollen flow, and subsequent grain handling. At a minimum, growers must identify field practices and isolation. measures to maintain seed purity and avoid unintentional releases, including reasonable steps to prevent access to unauthorized visitors and domestic animals. Applicable agreements must be in place with landowners and any third-party involved in growing Omega-3 Canola. Grower agrees to follow Nuseed’s stewardship standards.

GROWER AND KEY PERSONNEL SHALL:

- Accept the stewardship standards in this Guide, the Nuseed Services Agreement, and other materials as applicable
- Track quantity of seed, both planted and remaining
- Completely harvest or destroy entire planted area
- Ensure all grain produced be stored in agreed-to locations, such as on-farm bins until delivery is requested
- Plant Omega-3 Canola for a single commercial crop and do not retain seed for future planting
- Not supply, transfer, license or sublicense any Omega-3 Canola to any other grower
- Make grain available for testing for desired grade, quality, traits and other characteristics.

MATERIAL HANDLING, STORAGE AND TRANSPORT

- All unplanted seed or harvested grain must be secured when transported or stored, clearly identified with “Nuseed Omega-3 Canola” or other unique identifier and not be co-mingled with any material that could enter commodity canola channels.
 - Growers should make sure all seed storage areas, transportation vehicles, planting and harvest equipment are cleaned thoroughly both prior to and after the storage, transportation, planting or harvest of the crop.
- The fate of all seed must be documented and retained for Nuseed.
- A Nuseed representative or licensed agent may visit sites and take samples from secured storage for testing at multiple time points.
- Grain quality must be maintained with aeration and temperature be monitored while in storage.
- Nuseed determines when and where the grain shall be delivered.

FIELD ACTIVITIES

- Any field activity (e.g., field prep, planting, herbicide/ fungicide/dessicant applications etc.) in the Omega-3 field will be documented by end of growing season in an approved electronic application.
- Copies of records WILL BE requested by Nuseed or its licensed agents.

ISOLATION DISTANCES

- Adequate isolation or separation distances from other canola fields is required to minimize the levels of Omega-3 Canola traits in other canola crops.
- If a neighboring field is planted to another cultivated canola within the minimum required isolation distance of 100 feet, the grower agrees to destroy the crop within the isolation distance and maintain any required monitoring.
- This isolation shall be monitored weekly during flowering of the crop for foreign canola and other sexually compatible species and monthly monitoring thereafter throughout the cropping season.
- Grower agrees to provide all information to Nuseed or its licensed agents upon request.

CULTURAL PRACTICES

- Good agricultural practices help ensure sexually compatible weeds are controlled in crop and non-crop situations, minimizing the opportunity for Omega-3 Canola to hybridize with them.
- As stewards of technology, growers are expected to consider these factors and talk with their neighbors about their cropping intentions.
- In areas where B. rapa or B. juncea occur within or adjacent to Omega-3 canola fields, they should be managed similarly to volunteer Omega-3 Canola using appropriate herbicides or cultural techniques.
- Proper identification of unwanted species will help ensure proper herbicide selection for your field(s).
- Follow label recommendations to maximize weed control and minimize potential for escapes.
- Consult with your local agronomist for detailed recommendations.

MANAGEMENT OF VOLUNTEER CANOLA

- It is essential to monitor and manage the appearance or presence of volunteers, which should not be allowed to flower.
- Grower shall not grow cross-pollinating (sexually compatible) brassica crops on fields following Nuseed Omega-3 Canola for at least the next 2 cropping years.
- All reasonable efforts must be made to thoroughly control all viable Omega-3 Canola volunteers whether post-harvest, pre-seeding or in-crop for subsequent crop years.
- Field may be planted to Nuseed's Omega-3 Canola any subsequent season.
- The field area shall be monitored for volunteer plants during each subsequent cropping season following harvest/crop destruction for ≥2 subsequent cropping years. If released by Nuseed or its agents, the third cropping year may be planted to other commodity canola that does not confer glufosinate tolerance.
- Note: Glufosinate will not control volunteers as our Omega-3 Canola contains the pat gene that confers tolerance. Destruction method(s) must be documented. When using herbicides for volunteer canola control, always follow label recommendations.
- The results of volunteer monitoring inspections must be documented and retained and must include number and growth stage of volunteers present and control mechanisms implemented.

Tips For Volunteer Control

- Adjust combine settings to maximize retention of seed. Check (with) combine manufacturer recommendations to learn more about ground speed, concave settings, rotor speed, fan speed, etc.
- Avoid a fall tillage where possible so as not to bury seeds allowing them to germinate quickly where frost will kill off volunteers. This will also minimize secondary dormancy whereby these volunteer seeds become a problem in subsequent crop seasons.
- Pre-seed burndown is crucial. Adding additional herbicides to a pre-seeding glyphosate application such as bromoxynil or carfentrazone will increase the effectiveness of your volunteer control.
- For in-crop control of volunteers, herbicide applications should be made prior to 5 leaf stage. Many herbicides lose effectiveness once canola begins to bolt.

INCIDENT RESPONSE

- Any significant non-conformance, including unintended presence or loss of material control, impact to product integrity, regulatory compliance, stewardship or quality standards, or incidents that may impact external stakeholders and/or markets, must be reported immediately to a Nuseed representative in your area. Nuseed representative contact information is provided on back cover.

* Nuseed will execute an incident response plan specific to the situation, including appropriate documentation and record keeping

Grower Information

Landowner/Grower Name	
Business/Property Name	
Address	
Mobile #	
Email	

Background

Total acres requesting to contract?	
Have requested acres been in active agricultural production for four or more years?	
Has any Brassica species been grown on requested fields in the past 3 years?	
Planter type & row spacing?	
Do you plan to straight cut or swath?	

Acknowledgements

I also confirm that I have received and understand the 2024 Nuseed Omega-3 (DHA Canola) Stewardship Grower Guide.
Initials _____

I confirm I will not grow cross-pollinating (sexually compatible) crops on fields following Nuseed Omega-3 canola for the next 2 cropping years. All reasonable efforts must be made to thoroughly control all viable Omega-3 canola volunteers whether post-harvest, pre-seeding or in-crop for subsequent crop years. **The field area shall be monitored for volunteer plants during each subsequent cropping season following harvest/crop destruction for ≥2 subsequent cropping years.** If released by Nuseed or its agents, the **third** cropping year may be planted to other commodity canola that does not confer glufosinate tolerance. **Initials** _____

Field #

		Latitude / Longitude			
GPS Coordinates	Northwest Corner				
# of Acres					
Field name or ID & County					
Major weeds/diseases/insects					
Known weed resistance					
Herbicides that were used on this field in the prior 2 years					
Soil type					
	2023	2022	2021	2020	
Previous crops planted or fallow					

I shall confirm with neighbors that no cross-pollinating crop will be seeded within 100 ft of any Nuseed Omega-3 Canola (for example, other canola, rapeseed, mustard, radish, cover crops). **Initials** _____

Field #

		Latitude / Longitude			
GPS Coordinates	Northwest Corner				
# of Acres					
Field name or ID & County					
Major weeds/diseases/insects					
Known weed resistance					
Herbicides that were used on this field in the prior 2 years					
Soil type					
	2023	2022	2021	2020	
Previous crops planted or fallow					

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Nuseed has partnered with our affiliated company Nufarm, to give Nuseed Omega-3 Canola Growers access to an exclusive crop protection cost reduction program.

The program consists of rebate payments that can be earned on a wide range of crop protection products that help you manage weeds, disease and insects across your entire farm.

PARTICIPATION

- Purchase the qualifying Nufarm Brands (see list on the back of this flyer) within the program period
- Submit invoices/proofs of purchase by the deadline
- Receive a rebate check

PROGRAM DATES

- // Program applies to purchases made December 1, 2023 through September 30, 2024
- // Deadline for Proofs of Purchases to be provided October 31, 2024
- // Rebate payments will be paid in the form of a check by December 31, 2024

POLICY DETAILS

- Products qualifying for rebates are listed in the “Qualifying Brands” table.
- Proofs of purchase must include: i) grower name, mailing address, email address, ii) retailers name and address, iii) brand name(s), purchase price and quantity purchased, iv) invoice date.
- Proofs of purchases need to be submitted via email to Omega3Canola@nuseed.com.
- A minimum of \$1,500 must be spent on qualifying brands within the program period in order to be eligible for the program. (The \$1,500 applies to the accumulated total of purchases, not just one brand).
- Nuseed / Nufarm will make all decisions regarding program implementation, administration and reward calculation.
- Nuseed / Nufarm reserves the right to modify or cancel this program at any time.

Qualifying Brands & Associated Rebates

Brand	Product Type	Active Ingredient(s)	Grower Rebate
AGRI TIN FLOWABLE	Fungicide	TPTH / Tin	\$0.50 / gal
BURNMASTER	Herbicide	Dicamba + 2,4D	\$0.50 / gal
CLASH	Herbicide	Dicamba (DGA)	\$0.25 / gal
CLEANSWEEP M	Herbicide	MCPA + Bromoxynil + Fluroxypyr	\$1.00 / gal
CLEAN SLATE ***	Herbicide	Clopyralid	\$2.00 / gal
CHEETAH ***	Herbicide	Glufosinate	\$0.50 / gal
COMET	Herbicide	Fluroxypyr	\$1.00 / gal
CREDIT 41 EXTRA ***	Herbicide	Glyphosate (IPA)	\$0.25 / gal
CREDIT 5.4 EXTRA ***	Herbicide	Glyphosate (IPA)	\$0.45 / gal
CREDIT XTREME ***	Herbicide	Glyphosate (IPA + K)	\$0.45 / gal
DIABLO	Herbicide	Dicamba (DMA)	\$0.25 / gal
LAMBDA - CYHALOTHRIN 1 EC ***	Insecticide	Lambda -cyhalothrin	\$0.25 / gal
MAESTRO 2EC	Herbicide	Bromoxynil	\$0.50 / gal
MAESTRO MA	Herbicide	Bromoxynil + MCPA	\$0.50 / gal
MAESTRO ADVANCED	Herbicide	Bromoxynil (dual acid) + MCPA	\$0.50 / gal
NUFARM DIQUAT 2L ***	Herbicide / Dessicant	Diquat	\$1.00 / gal
NUFARM T - METHYL 4.5F	Fungicide	Thiophanate Methyl	\$0.50 / gal
PANTHER MTZ	Herbicide	Flumioxazin + Metribuzin	\$4.50 / gal
PANTHER SC	Herbicide	Flumioxazin	\$3.00 / gal
RAPPORT BROADSPEC	Herbicide	Thifensulfuron + Tribenuron (50:50)	\$0.50 / lb
RAPPORT TANKMIX	Herbicide	Thifensulfuron + Tribenuron(40:10)	\$0.50 / lb
RHONOX	Herbicide	MCPA (Ester)	\$0.50 / gal
SCORCH	Herbicide	Dicamba + 2,4D + Fluroxypyr	\$0.75 / gal
SPITFIRE	Herbicide	2,4D (Ester) + Dicamba	\$0.75 / gal
TRUSLATE	Herbicide	Clopyralid + Fluroxypyr	\$1.00 / gal
TRUSLATE PRO	Herbicide	MCPA + Clopyralid + Fluroxypyr	\$1.00 / gal
TUSCANY SC	Herbicide	Flumioxazin (Specialty Crops)	\$3.00 / gal
VICTORY	Herbicide	Tribenuron	\$0.50 / lb
WEEDAR 64	Herbicide	2,4D (Amine)	\$0.25 / gal
WEEDMASTER	Herbicide	Dicamba (DMA) + 2,4D (Amine)	\$0.50 / gal
WEEDONE 650	Herbicide	2,4D (Ester)	\$0.25 / gal
WEEDONE LV4 EC	Herbicide	2,4D (Ester) Low -Volatility	\$0.25 / gal
WEEDONE LV6 EC	Herbicide	2,4D (Ester) Low -Volatility	\$0.25 / gal

Always read and follow label directions. Pay particular attention to the approved crops and crop rotation restrictions.
***Brands that have canola uses on the label.

Grower Information

Landowner/Grower Name	
Business/Property Name	
Address	
Mobile #	
Email	

Background

Have you previously grown canola?	
Have you grown Omega-3 Canola? If yes, what year?	
Total acres requesting to contract?	
Do you plan to straight cut or swath?	
Do you have adequate aerated storage to store harvested canola until the following July if required?	

Offer Eligibility (circle all that apply)

Early Commitment – prior to November 30, 2023	Yes	No	
Returning Grower	Yes	No	
Grand Plus 1000 Acre Club	Yes	No	
Grand Plus 1500 Acre Club	Yes	No	
Input Program	Yes	No	
Basis Timing Preference	Early Aug 15-Dec 31, 2023	Mid Jan 1-Feb 28, 2024	Late Mar 1-Apr 30, 2024

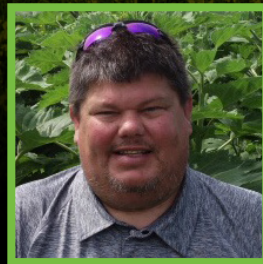
Acknowledgements

I also confirm that I have received the Nuseed Omega-3 Canola Production System (DHA Canola) Stewardship 2024 Grower Guide. Initials _____

MEET OUR FIELD SALES TEAM



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