



ZENITH ECLIPSE JOURNAL

FLAXSEED MEAL

From extraction to mill intake.

A feed-ingredient purchase with the material clearly identified. Connect oil removal, composition and final form with the mill's requirements.

THE COVER STORY

Separate extracted meal from whole seed
Compare protein on the same moisture basis
Choose a form the receiving mill can handle

03

SELECT YOUR MEAL

Choose by end use and product form.

04

READ THE QUALITY

Match the tests to your requirements.

06

CONNECT THE ROUTE

Align the cargo contract with delivery.

THE ZENITH ECLIPSE APPROACH

Begin with the actual material.

The words meal, cake and pellets do not answer the same buying question. Start with how the oil was removed.



Zenith Eclipse reviews flaxseed meal, also traded as linseed meal, for feed manufacturing and ingredient distribution. Identify the intended animal category, production stage and receiving process before selecting the material.

Extracted meal is the solid fraction after oil removal. Ground whole flaxseed retains the whole-seed oil fraction and needs a separate specification. Expeller or cake describes pressed material; grinding or pelleting can change its delivered form.

Mechanical or solvent extraction and the physical form belong in the same brief. Compare protein, fibre, residual oil and moisture with matched methods and bases, then agree the use-specific tests, packing and delivery scope for the nominated lot.

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PRODUCT PORTFOLIO

Two decisions. One product brief.

Oil extraction identifies the ingredient's process. Cake, grind and pellets describe how it reaches the receiver.



01 Mechanically extracted

Pressed flaxseed solids prepared as meal. Request the pressing and treatment history, residual-oil result and final grind. A mechanical-process description does not independently establish cold pressing or safety.

02 Solvent-extracted

Meal from a declared solvent-extraction route. Agree composition, treatment records and any required residual-solvent analyte, method and limit. The process name does not create a protein guarantee.

03 Expeller or press cake

Coarse mechanically pressed material. Confirm actual piece size, fines and the receiving mill's preparation capacity. Cake and expeller trade names overlap, so describe the offered form explicitly.

04 Ground extracted meal

A chosen particle profile applied to a declared extracted meal. Set sieve distribution, oversize and dust criteria. Ground whole seed is a different material and is excluded from this buying route.

05 Pelleted extracted meal

Densified meal with its original extraction route identified. Agree final-product analysis, dimensions, fines, durability procedure and any processing aids. Pelleting alone does not prove cyanogenic reduction.

THE BUYER'S QUALITY GUIDE

Make the analysis meaningful.

A comparable COA identifies the material, representative sample, analytical method and result basis.



PARAMETER	WHAT THE BUYER SHOULD CHECK
Identity & process	Record flaxseed or linseed source, extraction route, treatment history and final form. Match this description to the contract; ground whole seed must not replace extracted meal.
Composition basis	Compare protein, fibre and residual oil with moisture included. State methods, units and as-received or dry-matter basis; extraction alone does not establish a fixed composition grade.
Moisture & condition	Agree moisture and sensory acceptance at the sampling point. Review heating, caking, infestation and foreign odours alongside the required analytical limits and storage instructions.
Physical profile	Define cake size, meal sieve distribution or pellet dimensions. For pellets, distinguish existing fines from durability under a named test; agree where physical acceptance is measured.
Cyanogenic scope	Specify free HCN, total cyanide or cyanogenic potential as required, with method, units and basis. Acceptance is use- and destination-specific; human-food exposure values are not feed limits.
Release evidence	Set the risk-based microbiological, contaminant and residual-solvent panel where relevant. Link reports to the lot, sample and shipment; agree omitted tests, retesting and final release authority.

A clear basis makes the result useful.

SOURCE READING

CFIA / Feed ingredient identities
EFSA / Cyanogenic analytical context
EC / Feed contaminant framework

PACKING & RECEIVING

Plan handling around the form.

Coarse cake, loose meal and pellets can require different preparation, containment and receiving checks.

01

SACKS / DISTRIBUTION

Industrial sacks

Agree net weight, liner or barrier, closure and labels for the offered form. Specify palletization or floor loading, lot marks and the receiver's unloading arrangements before dispatch.

02

BIG BAGS / PROCESSOR

Big bags

Match capacity, lifting points and discharge to the receiving line. Review containment for fine meal and the handling of pellets or cake, with any preparation step costed into the purchase.

03

BULK / CARGO REVIEW

Suitable bulk formats

Assess enclosed loading or suitable lined equipment against producer and route capability. Confirm dryness, cleanliness, payload and the unloading method for the nominated product.

The form belongs in the delivered-cost calculation.

Use the delivered form when comparing total cost. Cake may need breaking or grinding; a chosen meal grind or pellet form needs an agreed physical acceptance check. Protect the cargo from moisture, contamination and foreign odours. Share storage duration and intake schedules, and preserve lot identity through transfers and stock rotation.

Keep identity through delivery.

Bring the extracted-meal description, quality release and cargo movement into the same commercial plan.

OCEAN

ROAD

RAIL

MULTIMODAL

Send the extraction route, form, quantity, packing, loading window and destination with the logistics enquiry. Coordinate analysis and inspection deadlines with cargo readiness and the mill's intake schedule.

01 Define the handover

State the Incoterms® 2020 rule and exact named port or place. Agree carriage, unloading and insurance responsibilities; specify the acceptance point for meal condition or pellet fines.

02 Set the document matrix

Align process declarations and lot-linked analysis with commercial, weight and transport documents. Confirm destination feed, health, import and plant-health evidence where applicable, including issuer and timing.

03 Protect traceability

Keep product, lot, sampling and shipment references connected through storage and transfer. Check equipment condition before loading and schedule document handoff alongside the agreed cargo release.

SOURCE READING

[ICC / Incoterms 2020](#)

PROCUREMENT WORKSHEET

Start with a stronger flaxseed meal RFQ.

Eight details help compare the ingredient, preparation requirements and delivered scope.

YOUR FLAXSEED MEAL ENQUIRY / EIGHT DETAILS

- ☐ Extracted meal identity, intended feed use and animal category
- ☐ Mechanical or solvent extraction and treatment declaration
- ☐ Protein, fibre, oil and moisture with methods and reporting bases
- ☐ Cake, grind or pellet form with size, fines and receiving criteria
- ☐ Use-specific cyanogenic, safety and residual-solvent test scope
- ☐ Quantity, packing, labels and any mill preparation requirements
- ☐ Named destination, Incoterms® rule and shipment window
- ☐ Sampling, lot COA, traceability, documents and final acceptance

Still defining the specification?

If both extraction routes are acceptable, ask for separately described alternatives. Any substitution of process, material or form needs explicit buyer approval. The receiving nutritionist evaluates the actual analysis within the complete feed. This buying guide does not assign one inclusion rate to every species or life stage.

[SEND YOUR FLAXSEED MEAL REQUIREMENTS](#)



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YOUR NEXT FLAXSEED MEAL PURCHASE

Your product. Your requirements.

Let's connect the details.

Share the extraction route, form, analytical limits, quantity and destination. Our team will review your enquiry and confirm the applicable product, packing and delivery scope.

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Availability, origin, analysis, certifications, pricing, packing and delivery terms are confirmed in the written offer. Feed suitability is assessed for the intended use. Images are representative.