



ZENITH ECLIPSE JOURNAL

SUNFLOWER MEAL

The lot shapes the formula.

Hull level. Extraction. Composition. Build a clearer buying brief for feed manufacture, then connect the agreed material with the receiving and delivery plan.

THE COVER STORY

Compare the hull and processing description. Put every analysis on the same basis. Bring purchasing, formulation and freight together.

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 feed you make.

A feed ingredient becomes a purchasing specification when the formulation, product identity and receiving process are connected.



BUILT AROUND YOUR END USE

We review sunflower meal enquiries from compound-feed manufacturers, ingredient blenders, importers and distributors. Bring the intended animal class and your nutritionist's acceptance requirements into the first conversation.

Start with two separate descriptions: how much hull remains and how the oil was removed. Add the supplied form and the lot analysis. A familiar meal name alone cannot tell the purchasing team what the plant will receive.

Then connect the ingredient brief with quantity, delivery timing and intake arrangements. Share essential limits and approval steps with our sales team so the proposed product, evidence and freight scope can be confirmed together.

IN THIS EDITION

- 03** Choose hull level and process
- 04** Read comparable analysis
- 05** Match the receiving system
- 06** Connect the delivery
- 07** Build the meal RFQ
- 08** Talk to our team

PRODUCT PORTFOLIO

Specify hull level and process.

Choose the meal description first. Physical form and packing are further decisions within that specification.



01 With-hulls meal

Extracted material retaining the hull fraction. Set the protein minimum and fibre maximum on a named basis, then review the analysis against your complete feed formulation.

02 Partially dehulled

Extracted meal after partial hull removal. Define the commercial hull description and measurable composition limits; compare the offered lot rather than assuming a fixed mid-range grade.

03 Dehulled meal

Hull-reduced extracted meal for a specified formulation brief. Agree the applicable material definition and analytical limits. Dehulled does not mean hull-free or establish one universal protein value.

04 Expeller or cake

Mechanically pressed sunflower material, identified separately from solvent-extracted meal. Confirm the process declaration, residual oil and physical condition. A pressing description does not establish a cold-pressed claim.

05 Pelleted meal

Compacted meal with the underlying hull and process identity retained. Specify dimensions, fines and any processing aids, then match the pack and unloading plan to the receiver.

THE BUYER'S QUALITY GUIDE

Read the lot on one basis.

A useful COA identifies the lot, sample, method and basis.
Agree acceptance and retesting before loading.



PARAMETER	WHAT THE BUYER SHOULD CHECK
Hull & process identity	State Helianthus annuus as the botanical source, hull description and solvent-extracted or mechanically pressed route. Match the feed-material name to the destination and producer declaration.
Protein & moisture	Record crude-protein method and reporting basis: as received, dry matter or a stated moisture basis. Keep the measured moisture result with any corrected composition values.
Fibre & hull level	Name the required fibre measurement: crude fibre, NDF or ADF. They are different analyses. Connect the chosen limit with hull description and the nutritionist's formulation brief.
Residual oil & ash	Agree the fat-analysis method, contract limit and basis. Include ash when needed. Residual oil is a measured lot property, rather than a fixed consequence of an expeller label.
Form & condition	Set particle size or pellet dimensions and fines limits. Inspect odour, foreign matter and unusual heating or caking. Agree the sample point and receiver's intake checks.
Safety & approval	Define a risk-based panel for the origin, process and feed market, including relevant microbial, contaminant or residue tests. Link release evidence to the nominated lot and intended animal class.

A shared basis makes offers comparable.

SOURCE READING

- FAO / Reliable feed analysis
- EU / Meal and expeller identities
- FAO / Feed-chain good practices

PACKING & RECEIVING

Match the mill's intake.

The receiving plant should help define the physical form, pack and unloading method before the cargo is booked.

01

BULK / FEED MILL

Bulk intake

Share silo capacity, discharge equipment and intake dates. Review a feasible bulk route with material condition, cleanliness, moisture protection and the required handling records.

02

CONTAINER / LOADING PLAN

Suitable containers

Choose an appropriate loose, lined or bagged configuration. Confirm payload, unloading method and cargo compatibility. Maintain the lot reference through loading, sealing and receipt.

03

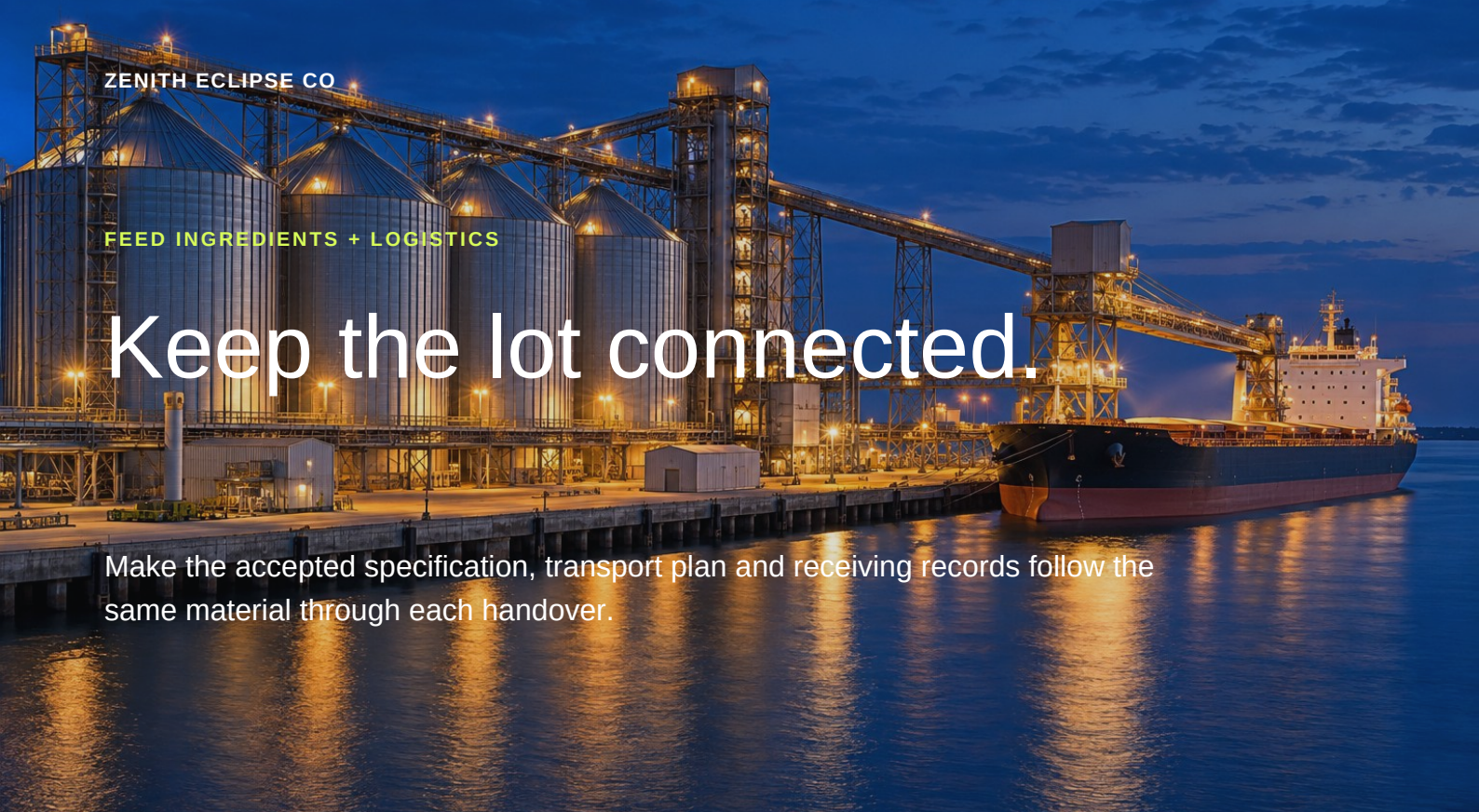
BAGS / WAREHOUSE

Bags & big bags

State net weight, closure, lifting and discharge needs, labels and lot marks. For pellets, include fines acceptance; for cake, describe the size and handling requirements.

Plan from the mill back to origin.

Discuss dry storage, inspection at receipt and stock rotation with the plant. Include the planned storage period when reviewing the offered material and pack. Packing choices depend on the producer, form, tonnage and route. The quotation confirms the feasible configuration and loading arrangements.



ZENITH ECLIPSE CO

FEED INGREDIENTS + LOGISTICS

Keep the lot connected.

Make the accepted specification, transport plan and receiving records follow the same material through each handover.

OCEAN

ROAD

RAIL

MULTIMODAL

We review the ingredient and freight brief together. Tell us the loading area, meal or cake identity, quantity, packing and required arrival period so the route can be assessed around your intake plan.

01 Name the delivery point

State the Incoterms® 2020 rule and exact port or place. Align loading, carriage, insurance and destination handling in the sale and freight scope before comparing delivered prices.

02 Link lot and documents

Agree the COA, process declaration, origin evidence, weight or packing list and transport record. Check feed-import and health requirements for the destination; confirm each issuer and deadline.

03 Plan release and receipt

Connect sample approval, inspection, loading and document cut-offs with receiving appointments. Confirm the cargo declaration and applicable transport requirements. Keep lot, seal and condition records as agreed.

SOURCE READING

[ICC / Incoterms 2020](#)

PROCUREMENT WORKSHEET

Build your sunflower meal RFQ.

Give purchasing, formulation and logistics teams these eight details for a comparable offer.

YOUR SUNFLOWER MEAL ENQUIRY / EIGHT DETAILS

- ☐ Animal species and class, feed application and approval procedure
- ☐ With-hulls, partially dehulled or dehulled material description
- ☐ Solvent-extracted meal or mechanically pressed expeller / cake
- ☐ Protein, named fibre, oil and moisture limits with reporting bases
- ☐ Particle size or pellet dimensions, fines and condition requirements
- ☐ Quantity, packing, lot marks and receiving equipment
- ☐ Destination, Incoterms® rule and shipment or arrival window
- ☐ Sampling, inspection, safety tests and required declarations

Still defining the specification?

Start with the feed application, hull and process description, volume and destination. Share your nutritionist's required lot data if the specification is developing. Identify essential limits and sample approvals. Our team will confirm the offered product, evidence and delivery scope in writing.

[SEND YOUR SUNFLOWER MEAL REQUIREMENTS](#)



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YOUR NEXT SUNFLOWER MEAL PURCHASE

Your product. Your requirements.

Let's connect the details.

Share the hull description, extraction route, analysis limits, physical form, quantity and destination. Our team will review your sunflower meal enquiry and confirm the applicable product and delivery scope.

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EXPLORE SUNFLOWER MEAL SUPPLY

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Scan to view products
and request a quotation.



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Availability, origin, processing, analysis, certifications, prices, packing and delivery terms are confirmed in the offer and contract. Formulation is determined by a qualified nutritionist. Images provide editorial context.