



ZENITH ECLIPSE JOURNAL

SUNFLOWER SEEDS

Selected for your process.

Oilseed. Confectionery. Kernels. Feed. Connect the sunflower seed form, quality requirements and intended application with a practical export plan.

THE COVER STORY

Select the seed for your application.
Define shell, kernel and size requirements.
Bring quality and delivery into one brief.

03

SELECT YOUR SEEDS

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

Start with the operation you run.

A crusher, snack processor and bakery purchase sunflower seed through different quality and handling requirements.



BUILT AROUND YOUR END USE

We review sunflower seed enquiries for crushing, confectionery processing, food ingredients and feed programmes. Tell us the receiving process and the form you need: in-shell seed, exposed kernels or kernel pieces.

Connect the purchasing specification with the quality team's approval procedure. Sizing, oil analysis, kernel integrity and food-safety controls serve different purposes; include the measurements relevant to your operation.

Our sales and logistics teams review product, pack and delivery requirements together. The written offer confirms the available scope, nominated lot, quantity and shipment terms, with origin and processing status supported where agreed.

IN THIS EDITION

- 03** Select the sunflower seed form
- 04** Read the lot
- 05** Protect the product
- 06** Connect the delivery
- 07** Build your enquiry
- 08** Talk to our team

PRODUCT PORTFOLIO

A seed form for each application.

Keep crushing, confectionery, kernel and feed enquiries clear. Each route has its own acceptance requirements.



01 Oil-type seed

For pressing or extraction, define moisture, foreign material, damage and the oil-analysis basis. Align cleaning deductions and intake criteria with the crusher's process before comparing delivered offers.

02 Confectionery seed

In-shell seed for snack processors and packers. State size distribution, appearance, kernel fill and damage limits, plus a roasting trial when your process requires it.

03 Calibrated in-shell

Agree the sieve openings or precise count convention, retained distribution and permitted undersize. Match calibration to processing and pack presentation; record the sampling and inspection basis.

04 Dehulled kernels

For bakery and food ingredients, specify whole kernels or pieces, residual hull, breakage and safety controls. Confirm raw or processed status and the protection needed for exposed kernels.

05 Feed-designated seed

Declare feed or bird-food use, then agree physical condition, safety requirements and any nutritional analysis. The nominated lot and destination-use documents define the commercial scope.

QUALITY INTELLIGENCE

Read the form. Compare the basis.

Agree representative sampling and reporting methods. The same percentage can mean different things before and after cleaning.



PARAMETER	WHAT THE BUYER SHOULD CHECK
Identity & form	State <i>Helianthus annuus</i> , intended use, in-shell or dehulled form and processing status. Choose the appropriate official inspection basis or a complete buyer specification.
Moisture & purity	Agree moisture method, foreign-material or dockage definitions and limits. Specify which results use the original sample and which are determined after cleaning; keep settlement rules consistent.
Damage & condition	Review heat, mould, insect and other damage, odour and infestation under the agreed definitions. Distinguish damaged kernels from breakage and unavoidable hull material in the supplied form.
Size & kernel integrity	For in-shell seed, record sieve or count distribution and kernel fill. For kernels, define whole, broken and piece content, residual hull and acceptance of size variation.
Oil & composition	When relevant, agree oil-content method and moisture basis. A requested fatty-acid class needs lot-linked evidence. Seed oil percentage alone does not establish your plant's finished-oil recovery.
Safety & approval	Set destination and end-use testing with your quality team. Confirm treatment and downstream processing where required. Raw seed and raw kernels need an appropriate food-safety plan before consumption.

Comparable results need a common method.

SOURCE READING

USDA / Oil-purpose sunflower seed
USDA / Confectionary inspection
FDA / Draft food hazard guidance

PACKING & RECEIVING

Protect the form you purchase.

Whole crushing seed and exposed food kernels need different packing decisions. Plan from the receiving operation.

01

CONTAINER / BULK

Bulk & lined containers

For feasible whole-seed programmes, share tonnage and unloading equipment. Agree suitable transport or liner configuration, clean equipment, payload, securing and moisture protection with the delivery plan.

02

BIG BAGS / HANDLING

Sacks & big bags

Specify feasible net weight, material, closure, lifting and discharge needs. Match lot marks and pallets to the warehouse, and confirm food-contact suitability when the intended use requires it.

03

PACKING / RECEIVING

Protective kernel packs

Discuss seal integrity and protection from moisture, oxygen, heat, light and foreign odours. Match barrier and handling requirements to the kernel form, planned route and storage period.

The pack should serve the product.

Include breakage and product movement in the loading plan, particularly for calibrated seed and whole kernels. Agree the receiver's intake checks before dispatch. Pack options depend on product form, origin and tonnage. We confirm the feasible format, labelling scope and loading arrangements in the quotation.

Connect the product with the route.

Keep seed identity, quality evidence and cargo milestones aligned through each handover.

OCEAN

ROAD

RAIL

MULTIMODAL

We review supply and freight requirements together. Share the loading location, seed form, tonnage, shipment window and receiving place so our team can assess the applicable commercial and transport scope.

01 Name the delivery point

State the appropriate Incoterms® 2020 rule and exact port or place. Align the sale and freight offers on loading, main carriage, insurance and destination handling.

02 Set the document list

Agree lot analysis, origin, weight, packing and transport records for the actual form and use. Check destination requirements and phytosanitary certification when required by the competent authority.

03 Coordinate the milestones

Connect lot approval, inspection, cargo readiness, booking and document deadlines. Agree transport cleanliness and cargo compatibility, with seal and loading records as applicable to the shipment.

SOURCE READING

[ICC / Incoterms 2020](#)

[IPPC / Phytosanitary certificates](#)

YOUR NEXT PURCHASE

Build a sharper sunflower seed RFQ.

Give our commercial, quality and freight teams these eight details for a comparable offer.

YOUR SUNFLOWER SEEDS ENQUIRY / EIGHT DETAILS

- ☐ Intended crushing, confectionery, ingredient, feed or bird-food use
- ☐ Oil-type, confectionery or kernel scope and supplied physical form
- ☐ Raw, cleaned, sized or processed status and required declarations
- ☐ Moisture, purity or dockage, damage and sizing requirements
- ☐ Kernel integrity, oil analysis and safety tests where applicable
- ☐ Quantity, shipment tolerance, pack, labels and receiving equipment
- ☐ Destination, Incoterms® 2020 rule and shipment window
- ☐ Origin preferences, sampling, inspection and required documents

Still defining the specification?

Start with your application, seed form, quantity and destination if the specification is developing. Share the receiving plant's acceptance requirements. Identify essential tests and any trial approval separately from preferences. We confirm the final quality, commercial and delivery scope in writing before an order proceeds.

[SEND YOUR SUNFLOWER SEEDS REQUIREMENTS](#)



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YOUR NEXT SUNFLOWER-SEEDS PURCHASE

Your product. Your requirements.

Let's connect the details.

Share your sunflower seed class, supplied form, application, quality requirements, volume and destination. We will review the enquiry and confirm the applicable product and delivery scope.

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and request a quotation.

