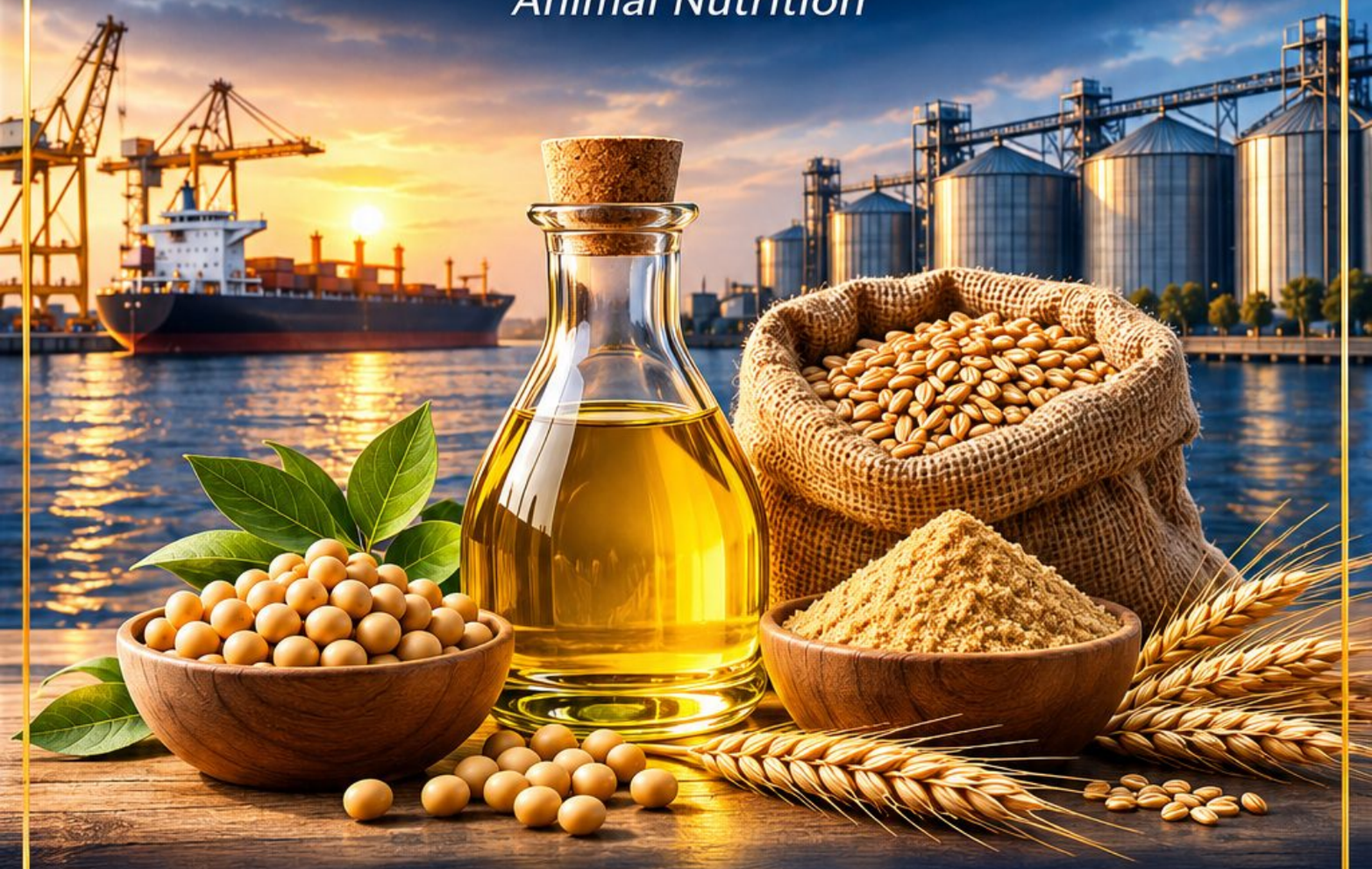
BITAR GLOBAL TRADE

BLACK SEA COMMODITIES | MARKET INTELLIGENCE | TRADE OPPORTUNITIES

International Product Catalogue

Agricultural Commodities, Vegetable Oils & Animal Nutrition



Sourcing & Trade Coordination

Logistics & Freight Solutions

Market Intelligence

Buyer & Supplier Development

bitartrade.ru

Our Company

A supplier-neutral product portfolio

BITAR GLOBAL TRADE connects international buyers with suitable suppliers and coordinates commercial sourcing, documentation and logistics. BITAR is not represented as the manufacturer of the products in this catalogue.

OUR ROLE

- Supplier discovery
- Buyer qualification
- Technical specification comparison
- Logistics and freight coordination
- Transaction structuring and communication



Catalogue Overview





Wheat
Buyer-requested Russian milling wheat
12.5%, 11.5%, 10.5% protein



Barley
Russian barley
GOST 28672-2019 reference



Vegetable Oils
Soybean and sunflower oils
Refined and crude products



Oilseed Cakes & Meals
Soybean cake, protein meals
and oilseed-derived products



Compound Feeds
Feed mixes and concentrates
for livestock and horses



Protected Protein
Rumen-protected soybean
and soybean–sunflower protein



Processed Grains
Thermally processed corn,
wheat and barley



Soy Lecithin & Other Products
Liquid soy lecithin and
selected documented products



Trade & Logistics
Sourcing, documentation
and freight coordination

Bulk Wheat Bran

Russian Origin | Feed Grade



Product Overview

Bulk Wheat Bran is a wheat-milling by-product used as a feed ingredient in livestock nutrition and compound-feed manufacturing. Available quality parameters and shipment conditions are subject to supplier confirmation.

Applications

- Livestock nutrition
- Compound-feed manufacturing
- Feed raw material blending

Packaging

- Loose / Non-Pelleted
- Bulk supply subject to supplier quotation
- Final shipment conditions subject to contractual agreement

Technical Specifications

Standard-Based Characteristics

Product	Bulk Wheat Bran
Form	Loose / Non-Pelleted
Intended Use	Animal Feed Ingredient
Moisture	Maximum 15.0%
Moisture for Long-Term Storage	Maximum 14.5%
Colour	Reddish-yellow with greyish tint
Odour	Natural, free from foreign or mouldy odours
Magnetic Impurities — particles up to 2 mm	Maximum 5 mg/kg

Indicative Commercial Quality Parameters

Crude Protein	Minimum 13.5%
Crude Fibre	Maximum 11.0%
Crude Fat	To be confirmed by supplier COA
Crude Ash	Maximum 7.0%
Starch	Maximum 28.0%

Specifications are indicative and subject to supplier confirmation, applicable standards, and final contractual agreement.

Russian Milling Wheat

12.5% | 11.5% | 10.5% Protein



PRODUCT OVERVIEW
Three buyer-requested Russian milling wheat protein grades.

APPLICATION
Milling wheat intended for human consumption.

SHIPMENT & QUALITY
Final terms and pre-loading analysis: by agreement.

Technical Quality Requirements

THREE BUYER-SPECIFIED GRADES

Parameter / test method	12.5% Protein	11.5% Protein	10.5% Protein
Crop year	latest crop	latest crop	latest crop
Test weight ISO 7971-3	78 kg/hl min	77 kg/hl min	76 kg/hl min
Protein ISO 20483	12.5% min	11.5% min	10.5% min
Moisture ISO 712	13.50% max	13.50% max	13.50% max
Wet gluten ISO 21415-2	25% min	23% min	18% min
Falling number ISO 3093	250 sec min	250 sec min	250 sec min
W ISO 27971	200 min	180 min	160 min
Foreign matter ISO 7970	1.5% max	1.5% max	1.5% max
Bug damage ISO 7970	1.5% max	1.5% max	1.5% max
Ergot	0.05% max	0.05% max	0.05% max
Total aflatoxins B1, B2, G1, G2	4 ppb max	4 ppb max	4 ppb max
Aflatoxin B1	2 ppb max	2 ppb max	2 ppb max

Protein (ISO 20483): N × 5.7 on DMB. W (ISO 27971): units not stated in the buyer specification.

CARGO CONDITION — ALL THREE GRADES
Sound, loyal, merchantable; fit for human consumption; free from alive weevils, alive insects (after fumigation), and foreign smell.

The specifications shown are indicative of a specific buyer requirement. Final quality parameters will be agreed in the contract between the buyer and seller, with pre-loading laboratory analysis according to the agreed terms.

Russian Barley

Basic Grade Reference | GOST 28672-2019



PRODUCT OVERVIEW
Indicative Russian barley grade classification.

INTENDED USE
Feed or malting use depends on agreed grade and terms.

COMMERCIAL STATUS
Standard reference only. Not a current-lot offer.

Basic Grade Specifications

GOST 28672-2019

Parameter	GRADE 1	GRADE 2	GRADE 3
Maximum moisture Percent by mass | Maximum	14.5%	14.5%	15.5%
Maximum foreign impurities Percent by mass | Maximum	2.0%	2.0%	5.0%
Maximum grain impurities Percent by mass | Maximum	7.0%	8.0%	15.0%

REFERENCE CLASSIFICATION — NOT A LOT CERTIFICATE
Grade limits are indicative; actual crop, intended use and current-lot quality must be confirmed.



Contract Quality & Shipment

- Grade, crop year and intended feed/malting use
- Quality, inspection and testing requirements
- Packaging and shipping terms by agreement

These figures are indicative grade limits under GOST 28672-2019, not a supplier offer or a current-lot inspection result. Final grade, quality, inspection and shipment terms are subject to the buyer–seller contract.

Soybean Oil

Hydrated Crude (Non-GMO)



Product Overview

Crude soybean oil produced from non-GMO soybeans, hydrated and degummed. Suitable for further refining and for a wide range of industrial applications.

Applications

- Refining (edible oil production)
- Food industry
- Feed industry
- Industrial uses (e.g. biodiesel)

Packaging

- Bulk (Flexitank)
- Tank containers
- as per buyer's requirements

Typical Quality Specifications*

Parameter	Typical Value
Acid value, mg KOH/g	≤ 1.5
Moisture & volatile matter, %	≤ 0.10
Peroxide value, mmol O_2/kg	≤ 4.0
Phosphorus substances (as stearoleolecithin), %	≤ 0.40
Non-fatty admixtures, %	Absent
Density at 25°C, g/cm³	0.91



** **These specifications** are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.*

Refined Sunflower Oil
Deodorized & Winterized



Product Overview
Refined, deodorized and winterized sunflower oil. Transparent, without sediment; neutral taste. For direct food use.

Applications
- Direct consumption
- Food manufacturing

Packaging
- 1 L packs
- 5 L packs
- Flexitank

Subject to quotation confirmation.

Typical Quality Specifications

Parameter	Unit / Basis	Specification Limit
Appearance	—	Transparent, no sediment
Color number	mg iodine	≤ 10
Acid value	mg KOH/g	≤ 0.4
Moisture & volatiles	%	≤ 0.1
Peroxide value	mmol active O_2/kg	≤ 10
Non-fat impurities	—	Absent
Phosphorus-containing substances	stearolecithin basis	Absent
Soap (qualitative)	—	Absent
Cold test (winterization)	—	Pass

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Crude Sunflower Oil

Unrefined



Product Overview

Sunflower oil identified as crude (unrefined). The reported readings relate to a specific production record.

Applications

- Potential feedstock for further refining
- End use subject to quality confirmation

Packaging

- Product-specific format not yet confirmed
- Shipment and packing terms to be agreed

Typical Quality Specifications

Parameter	Recorded Value
Filter No. 1	T-60°C
Phosphorus	0.695
K-value (K/ch)	1.3
Peroxide value (P/ch)	2.7
Moisture	0.19
Color number	13.2

Production Note: *Deodorized, refilled. Soapstock removed. No smell of burned oil.*

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Standard Soybean Cake

Oilseed Cakes & Meals



Product Overview

Soybean cake for direct use in animal diets or as an ingredient in compound feed production.

Applications

- Direct use in animal diets
- Compound feed production

Packaging

- 10 kg / 20 kg bags
- 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter	Unit / Basis	Typical Value
Dry matter	%	90
Metabolizable energy	MJ	12.9
Crude protein	% (DM basis)	42.5
Crude fat	% (DM basis)	7.0
Crude fiber	% (DM basis)	7.0
Crude ash	% (DM basis)	6.0
Starch	%	2.0
Sugar	%	9.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

High-Protein Soybean Cake

Dehulled • Oilseed Cake



Product Overview

Dehulled soybean cake used as a protein and energy ingredient in compound feed production.

Applications

- Compound feed formulation
- Young & productive animals
- Source guidance: 5–30% by species/age/productivity

Packaging

- 10 kg / 20 kg bags
- 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter	Unit / Basis	Typical Value
Dry matter	%	90
ME — poultry	kcal	2650
ME — pigs	MJ	14.5
ME — cattle	MJ	13.5
Net energy for lactation	MJ	8.5
Digestible energy — horses	MJ	15.5
Crude protein	% (DM basis)	48–50
Crude fat	% (DM basis)	7.0–9.0
Crude fiber	% (DM basis)	5.0
Crude ash	% (DM basis)	6.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Calf Feed Mix

(0–3 Months, Muesli)



Product Overview

Calf muesli mix for the first 0–3 months. Contains thermally processed corn and barley, plus soybean cake.

Applications

- Early-life calf feed
- Introduce from day 5
- Increase feeding gradually
- Maintain fresh feed access

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	12.5
Crude protein (on DM), %	20
Crude fat (on DM), %	6.0
Crude fiber (on DM), %	9.0
Crude ash (on DM), %	7.0
Starch, %	31.0
Sugar, %	9.5
Calcium, g	11.5
Phosphorus, g	5.0
Sodium, g	2.5

Parameter / Unit	Value
Magnesium, g	1.6
Zinc, mg	131.0
Copper, mg	33.0
Iron, mg	50
Manganese, mg	133.0
Cobalt, mg	0.7
Iodine, mg	1.1
Vitamin A, IU	12,500
Vitamin D, IU	1,250
Vitamin E, mg	43.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Calf Feed Concentrate

(0–2 Months, Pellets)



Product Overview

Pelleted concentrate for calves aged 0–2 months. Includes barley, sunflower meal/cake, malt sprouts and soybean cake.

Applications

- Calf starter feeding
- Introduce from day 5
- Increase feed gradually
- During milk-feeding stage

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	11.4
Crude protein (on DM), %	21
Crude fat (on DM), %	4.5
Crude fiber (on DM), %	12.0
Crude ash (on DM), %	7.5
Starch, %	18.0
Sugar, %	7.5
Calcium, g	10
Phosphorus, g	6
Sodium, g	4.0

Parameter / Unit	Value
Magnesium, g	2.4
Zinc, mg	175.0
Copper, mg	44.0
Iron, mg	76
Manganese, mg	185.0
Cobalt, mg	1
Iodine, mg	1.4
Vitamin A, IU	15,000
Vitamin D, IU	1,500
Vitamin E, mg	51.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Calf Feed Concentrate

(3–6 Months, Pellets)



Product Overview

Pelleted feed concentrate for calves aged 3–6 months. Includes processed corn, barley, sunflower meal/cake and soybean cake.

Applications

- For calves aged 3–6 months
- Feed with hay and silage
- Also with green forage
- Gradually transition feed

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	11.3
Crude protein (on DM), %	21
Crude fat (on DM), %	3.5
Crude fiber (on DM), %	9.0
Crude ash (on DM), %	7.5
Starch, %	30.0
Sugar, %	6.5
Calcium, g	11
Phosphorus, g	7
Sodium, g	2.2

Parameter / Unit	Value
Magnesium, g	2.3
Zinc, mg	164.0
Copper, mg	41.0
Iron, mg	58
Manganese, mg	163.0
Cobalt, mg	1
Iodine, mg	1.4
Vitamin A, IU	15,000
Vitamin D, IU	1,500
Vitamin E, mg	51.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Calf Feed Concentrate

(3–6 Months, STARTER Pellets)



Product Overview

Starter pelleted compound feed for calves aged 3–6 months. Contains grains, oilseed meal/cake and vitamin-mineral premix.

Applications

- Calves aged 3–6 months
- Starter concentrate feed
- Alongside hay and silage
- Also with green forage

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	11.0
Crude protein (on DM), %	21
Crude fat (on DM), %	4.5
Crude fiber (on DM), %	11.5
Crude ash (on DM), %	8.0
Starch, %	20.0
Sugar, %	7.5
Calcium, g	13
Phosphorus, g	5
Sodium, g	4.0

Parameter / Unit	Value
Magnesium, g	2.3
Zinc, mg	180.0
Copper, mg	45.0
Iron, mg	80
Manganese, mg	190.0
Cobalt, mg	1
Iodine, mg	1.4
Vitamin A, IU	15,000
Vitamin D, IU	1,500
Vitamin E, mg	51.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Goat Feed Mix

(5 Days–3 Months, Pellets)



Product Overview

Pelleted feed mix for young goat kids, 5 days–3 months. Contains processed corn, barley, soybean cake and sunflower meal.

Applications

- Goat kids, 5 days–3 months
- Complements milk/replacer
- Increase feeding gradually
- Convenient pelleted form

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	11.2
Crude protein (on DM), %	20
Crude fat (on DM), %	6.0
Crude fiber (on DM), %	10.0
Crude ash (on DM), %	7.0
Starch, %	25.2
Sugar, %	6.8
Calcium, g	11
Phosphorus, g	7
Sodium, g	3.0

Parameter / Unit	Value
Magnesium, g	2
Zinc, mg	83.0
Copper, mg	21.0
Iron, mg	54.3
Manganese, mg	62.0
Cobalt, mg	0.3
Iodine, mg	0.8
Vitamin A, IU	10,350
Vitamin D, IU	1,035
Vitamin E, mg	35.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Dairy Cow Feed

Concentrate — SUPER (Pellets)



Product Overview

Pelleted concentrate for high-yield dairy cows; source references the first 100 days after calving and yields over 30 L/day.

Applications

- Dairy cows in early lactation
- For high-yield milk herds
- Supplement to silage/forage
- Split daily ration into meals

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	12.5
Crude protein (on DM), %	23
Crude fat (on DM), %	6.5
Crude fiber (on DM), %	17.0
Crude ash (on DM), %	8.0
Starch, %	7.0
Sugar, %	8.3
Calcium, g	7.0
Phosphorus, g	8.0
Sodium, g	8.0

Parameter / Unit	Value
Magnesium, g	3.2
Zinc, mg	130.0
Copper, mg	27.0
Iron, mg	80
Manganese, mg	42.0
Cobalt, mg	1.4
Iodine, mg	1.5
Vitamin A, IU	8,000
Vitamin D, IU	2,000
Vitamin E, mg	30.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Cattle Feed

Concentrate (Pellets)



Product Overview

Pelleted feed concentrate for fattening cattle and replacement heifers from 3 months onward, used alongside basic forages.

Applications

- Fattening bulls and heifers
- From 3 months onward
- With forage-based rations
- 3–4 feedings per day

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	11.0
Crude protein (on DM), %	21
Crude fat (on DM), %	5.0
Crude fiber (on DM), %	19.5
Crude ash (on DM), %	7.5
Starch, %	9.0
Sugar, %	7.0
Calcium, g	9
Phosphorus, g	6
Sodium, g	4.2

Parameter / Unit	Value
Magnesium, g	4.9
Zinc, mg	165.0
Copper, mg	41.0
Iron, mg	60
Manganese, mg	165.0
Cobalt, mg	0.9
Iodine, mg	1.4
Vitamin A, IU	15,000
Vitamin D, IU	1,500
Vitamin E, mg	51.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Dairy Cow Feed

Concentrate — ECONOM (Pellets)



Product Overview

Dairy cow feed concentrate in pelleted form, used as a supplement to hay and silage in feeding rations for dairy cows.

Applications

- Dairy cow feeding
- Supplement to hay / silage
- Divided daily feedings
- Max 3 kg per feeding

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Metabolizable energy, MJ	10.6
Crude protein (on DM), %	20
Crude fat (on DM), %	4.0
Crude fiber (on DM), %	20.0
Crude ash (on DM), %	9.0
Starch, %	5.5
Sugar, %	7.0
Calcium, g	11.5
Phosphorus, g	8
Sodium, g	5.5

Parameter / Unit	Value
Magnesium, g	3.7
Zinc, mg	205.0
Copper, mg	31.0
Iron, mg	100
Manganese, mg	167.0
Cobalt, mg	1.6
Iodine, mg	1.5
Vitamin A, IU	8,000
Vitamin D, IU	2,000
Vitamin E, mg	30.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Dairy Cow Feed

Concentrate — FARMERS' FEED



Product Overview

Dairy cow concentrate with soybean hulls, bran, sunflower cake and malt sprouts among its listed ingredients.

Applications

- Dairy cow feeding
- Forage-based rations
- Multiple daily feedings
- Max 3 kg per feeding

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	10.3
Crude protein (on DM), %	14
Crude fat (on DM), %	4.5
Crude fiber (on DM), %	20.5
Crude ash (on DM), %	7.5
Starch, %	7.5
Sugar, %	5.0
Calcium, g	9
Phosphorus, g	6
Sodium, g	4.5

Parameter / Unit	Value
Magnesium, g	1.8
Zinc, mg	39.0
Copper, mg	13.0
Iron, mg	80
Manganese, mg	15.0
Cobalt, mg	0.1
Iodine, mg	0.4
Vitamin A, IU	2,400
Vitamin D, IU	600
Vitamin E, mg	9.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Dairy Goat Feed Mix

Muesli — Lactating Goats



Product Overview

Muesli-style feed mix for lactating dairy goats with processed corn and barley, oats, sunflower components and soybean hulls.

Applications

- Lactating dairy goats
- Complementary to forage
- Daily feed in 3–4 portions
- Muesli feed presentation

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	10.7
Crude protein (on DM), %	17
Crude fat (on DM), %	6.5
Crude fiber (on DM), %	15.5
Crude ash (on DM), %	8.0
Starch, %	18.7
Sugar, %	5.3
Calcium, g	12
Phosphorus, g	9
Sodium, g	3

Parameter / Unit	Value
Magnesium, g	3
Zinc, mg	180.0
Copper, mg	45.0
Iron, mg	24.8
Manganese, mg	17.0
Cobalt, mg	0.70
Iodine, mg	1.8
Vitamin A, IU	22,500
Vitamin D, IU	2,250
Vitamin E, mg	77.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Dairy Goat Feed Mix

Pellets — Lactating Goats



Product Overview

Pelleted feed mix for lactating dairy goats with corn, barley, sunflower meal/cake, soybean hulls and other feed ingredients.

Applications

- Dairy goats in lactation
- Feed alongside forage
- 0.5–1.5 kg/day per goat
- Divide into 3–4 feedings

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	10.6
Crude protein (on DM), %	20
Crude fat (on DM), %	3.0
Crude fiber (on DM), %	13.0
Crude ash (on DM), %	7.5
Starch, %	20.2
Sugar, %	5.3
Calcium, g	10
Phosphorus, g	6
Sodium, g	4.5

Parameter / Unit	Value
Magnesium, g	3
Zinc, mg	60.0
Copper, mg	18.0
Iron, mg	80.0
Manganese, mg	235.0
Cobalt, mg	1.30
Iodine, mg	2.0
Vitamin A, IU	12,000
Vitamin D, IU	3,000
Vitamin E, mg	45.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Sheep Feed Mix

Pellets — Fattening & Adults



Product Overview

Pelleted feed mix for fattening sheep and goats from 2 months of age and adult stock, formulated with bran and oilseed meal.

Applications

- Sheep and goat feeding
- Fattening / adult stock
- With forage and silage
- Feed twice daily

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	9.5
Crude protein (on DM), %	15
Crude fat (on DM), %	4.0
Crude fiber (on DM), %	25.0
Crude ash (on DM), %	12.5
Starch, %	9.5
Sugar, %	4.5
Calcium, g	8
Phosphorus, g	4.8
Sodium, g	2.3

Parameter / Unit	Value
Magnesium, g	1.3
Zinc, mg	39.0
Copper, mg	3.6
Iron, mg	80.0
Manganese, mg	13.0
Cobalt, mg	0.20
Iodine, mg	0.4
Vitamin A, IU	2,400
Vitamin D, IU	600
Vitamin E, mg	9.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Foal Feed Mix

Muesli — JUNIOR



Product Overview

Muesli feed for young horses after weaning, recommended from 6 months to 1.5 years, with grains, calcium and phosphorus.

Applications

- Foals after weaning
- Young horses to 1.5 years
- With grass and hay
- Introduce feed gradually

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Digestible energy for horses, MJ	12.0
Crude protein (on DM), %	16
Crude fat (on DM), %	4.6
Crude fiber (on DM), %	7.5
Crude ash (on DM), %	6.7
Starch, %	35.5
Sugar, %	6.0
Calcium, g	9.5
Phosphorus, g	5.3
Sodium, g	2.8

Parameter / Unit	Value
Magnesium, g	2.8
Zinc, mg	215.0
Copper, mg	48.0
Iron, mg	170
Manganese, mg	183.0
Cobalt, mg	1.3
Iodine, mg	2.2
Vitamin A, IU	14,400
Vitamin D, IU	1,070
Vitamin E, mg	428.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Sport-Horse Feed Mix

Muesli



Product Overview

Muesli concentrate for sport horses in light-to-moderate training, with processed grains, protein ingredients and vitamin-mineral premix.

Applications

- Light-to-moderate training
- Early sport-horse work
- Supplement to grass/hay
- Introduce feed gradually

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Digestible energy (horse), MJ	11.8
Crude protein (DM basis), %	14
Crude fat (DM basis), %	4.8
Crude fiber (DM basis), %	9.0
Crude ash (DM basis), %	6.3
Starch, %	34.0
Sugar, %	4.8
Calcium, g	7.9
Phosphorus, g	4.6
Sodium, g	3.9

Parameter / Unit	Value
Magnesium, g	3.6
Zinc, mg	182.0
Copper, mg	40.0
Iron, mg	150
Manganese, mg	180.0
Cobalt, mg	1.2
Iodine, mg	1.6
Vitamin A, IU	12,800
Vitamin D, IU	1,040
Vitamin E, mg	264.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Hobby-Class Horse Feed

Mix — Muesli



Product Overview

Hobby-class horse muesli for leisure and light work, with processed grains and protein, vitamins and mineral ingredients.

Applications

- Hobby and leisure horses
- Supplement to grass/hay
- Introduce feed gradually
- Divide daily feed portions

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Digestible energy for horse, MJ	11.7
Crude protein (on DM basis), %	14
Crude fat (on DM basis), %	4.5
Crude fiber (on DM basis), %	9.5
Crude ash (on DM basis), %	6.0
Starch, %	34.5
Sugar, %	4.5
Calcium, g	7.5
Phosphorus, g	4.0
Sodium, g	3.4

Parameter / Unit	Value
Magnesium, g	4.0
Zinc, mg	136.0
Copper, mg	29.0
Iron, mg	129
Manganese, mg	163.0
Cobalt, mg	0.9
Iodine, mg	0.9
Vitamin A, IU	11,350
Vitamin D, IU	1,030
Vitamin E, mg	89.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Thermally Processed Corn



Product Overview

Corn grain hydrothermally processed for animal feed, with enhanced starch accessibility and energy value as source-described.

Applications

- Dairy cattle feed blends
- Beef cattle feed blends
- Poultry feed formulations
- Other livestock feeds

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	88
Metabolizable energy, MJ	11.6
Crude protein (on DM basis), %	9
Crude fat (on DM basis), %	4.5
Crude fiber (on DM basis), %	2.5
Crude ash (on DM basis), %	1.5
Starch, %	60.0
Sugar, %	2.0
Calcium, g	0.5
Phosphorus, g	0.2

Parameter / Unit	Value
Sodium, g	0.2
Magnesium, g	1.2
Zinc, mg	20.0
Copper, mg	3.0
Iron, mg	42
Manganese, mg	5.0
Cobalt, mg	0.1
Iodine, mg	0.1
Vitamin E, mg	15.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Thermally Processed Wheat



Product Overview

Wheat grain hydrothermally processed for animal feed, with enhanced starch accessibility and energy value as source-described.

Applications

- Dairy cattle feed blends
- Beef cattle feed blends
- Poultry feed formulations
- Other livestock feeds

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	88
Metabolizable energy, MJ	10.8
Crude protein (on DM basis), %	15
Crude fat (on DM basis), %	2.5
Crude fiber (on DM basis), %	2.0
Crude ash (on DM basis), %	2.5
Starch, %	52.0
Sugar, %	2.0
Calcium, g	0.8
Phosphorus, g	3.6

Parameter / Unit	Value
Sodium, g	0.2
Magnesium, g	1.1
Zinc, mg	23.0
Copper, mg	6.6
Iron, mg	40
Manganese, mg	45.0
Cobalt, mg	0.1
Iodine, mg	0.1
Vitamin E, mg	12.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Thermally Processed Barley



Product Overview

Barley grain hydrothermally processed for animal feed, with source-described support for intake, digestibility, and energy value.

Applications

- Dairy cattle feed blends
- Beef cattle feed blends
- Poultry feed formulations
- Other livestock feeds

Packaging

- 10 / 20 / 40 kg bags
- 1,000 kg big bags

Subject to offer confirmation

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	88
Metabolizable energy, MJ	10.5
Crude protein (on DM basis), %	13
Crude fat (on DM basis), %	2.5
Crude fiber (on DM basis), %	5.5
Crude ash (on DM basis), %	3.0
Starch, %	50.0
Sugar, %	0.2
Calcium, g	2.0
Phosphorus, g	3.9

Parameter / Unit	Value
Sodium, g	0.1
Magnesium, g	1.1
Zinc, mg	35.0
Copper, mg	4.2
Iron, mg	50
Manganese, mg	13.0
Cobalt, mg	0.3
Iodine, mg	0.2
Vitamin E, mg	50.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Liquid Soy Lecithin

Food Additive (E322)



Product Overview

Liquid soy phospholipid blend, with triacylglycerols, carbohydrates and fatty acids. Homogeneous, viscous liquid; characteristic taste and aroma.

Applications

- Food-industry emulsifier
- Surface-active ingredient
- Food formulation use
- Dosage: per formulation

Packaging

- Polymer drums, 235 kg
- Keep tightly sealed
- *Protect from sunlight*

Typical Quality Specifications

Physicochemical / Unit	Value
Toluene insolubles, %	≤ 0.3
Acetone insolubles, %	≥ 60.0
Moisture & volatiles, %	≤ 1.0
Acid value, mg KOH/g	≤ 36.0
Peroxide, mmol active O_2/kg	≤ 10.0
Color, 10% toluene solution, mg iodine	≤ 80.0
Viscosity at 25°C, Pa·s	≤ 12.0

Nutrition / Storage	Value
Energy per 100 g, kcal	868.5
Protein per 100 g, g	0
Fat per 100 g, g	96.5
Carbohydrates per 100 g, g	0
Consistency	Viscous liquid
Taste / aroma	Characteristic
Storage temperature	−5 to +40°C
Shelf life	12 months

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Rumen-Protected
Soybean Protein Pellets



Product Overview
Thermo-moisture-treated soy protein pellets for ruminant feed formulations. 71% rumen-undegradable protein (of crude protein).

Applications
- High-yield dairy cows
- Concentrate feed mixtures
- Protein in ruminant diets
- Feeding plan to be agreed

Packaging
- Bags: 10, 20, 40 kg
- Big bags: 1,000 kg
- *Options subject to offer*

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	12.9
Net energy for lactation, MJ	8.1
Crude protein (DM basis), %	42.5–44
Rumen undegradable protein (% of crude protein)	71
Crude fat (DM basis), %	7.0
Crude fiber (DM basis), %	7.0
Crude ash (DM basis), %	6.0
Starch, %	2.0
Sugar, %	9.0
Lysine, g	25
Methionine, g	5.5

Parameter / Unit	Value
Calcium, g	4.3
Phosphorus, g	6.9
Sodium, g	0.2
Magnesium, g	2.9
Zinc, mg	42.0
Copper, mg	17.0
Iron, mg	216
Manganese, mg	34.0
Cobalt, mg	0.1
Iodine, mg	0.4
Vitamin E, mg	11.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Rumen-Protected

Soybean & Sunflower Protein Pellets



Product Overview

Heat-treated soybean and sunflower protein pellets for ruminant feed.
Rumen-undegradable protein: 72% of crude protein.

Applications

- Dairy cow diets
- Compound feed formulations
- Protected protein supplement
- Feeding rate to be agreed

Packaging

- Bags: 10, 20, 40 kg
- Big bags: 1,000 kg
- *Options subject to offer*

Typical Quality Specifications

Parameter / Unit	Value
Dry matter, %	90
Metabolizable energy, MJ	12.8
Net energy for lactation, MJ	8.0
Crude protein (DM basis), %	41
Rumen undegradable protein (% of crude protein)	72
Crude fat (DM basis), %	5.5
Crude fiber (DM basis), %	12.0
Crude ash (DM basis), %	7.0
Starch, %	2.3
Sugar, %	10.3
Lysine, g	23

Parameter / Unit	Value
Calcium, g	4.7
Phosphorus, g	8.2
Sodium, g	0.2
Magnesium, g	4.1
Zinc, mg	42.0
Copper, mg	17.0
Iron, mg	216
Manganese, mg	35.0
Cobalt, mg	0.2
Iodine, mg	0.4
Vitamin E, mg	11.0

These specifications are linked to a specific supply opportunity. For alternative specifications, BITAR GLOBAL TRADE is ready to source and coordinate according to the buyer's requirements.

Trade & Logistics

INTERNATIONAL SOURCING & TRADE COORDINATION

Connecting commercial requirements with suitable counterparties, documentation workflows and freight coordination.



Black Sea commodities · logistics · buyer-supplier coordination

TRADE EXECUTION COORDINATION

- **COUNTERPARTY ALIGNMENT**
  Buyers, suppliers and requirements
- **COMMERCIAL CLARITY**
  Specifications, terms and documentation
- **LOGISTICS INTERFACE**
  Routes, freight and shipment options

OUR COORDINATION SERVICES

01 SOURCING & ACCESS

Supplier discovery and buyer introductions based on defined commercial requirements.

02 COUNTERPARTY REVIEW

Preliminary qualification and clarification of roles, documentation and readiness.

03 TRADE & DOCUMENTS

Specification comparison, commercial alignment and document coordination.

04 FREIGHT & LOGISTICS

Route assessment, freight enquiries and coordination with transport providers.

HOW THE PROCESS MOVES

REQUIREMENT	QUALIFICATION	ALIGNMENT	COORDINATION
Define the brief	Review counterparties	Agree key terms	Track next steps

Engagement, counterparties and freight options are transaction-specific. BITAR coordinates sourcing and communication; it is not the producer or carrier, and final terms are agreed by the responsible parties.