



# **A.S HOLDINGS LTD**

Agricultural commodities





We sell agriculture products from Ukraine and as experienced professionals in the field, we are committed to finding the best solutions for your company.

We take pride in our ability to offer fast delivery, affordable prices, and top-notch quality in all of our products and services.





## Animal Feeds & Fodder

- Rapeseed Meal
- Rapeseed Meal pellets
- Soybean Meal
- Sunflower Meal
- Wheat Bran
- Wheat Bran pellets



## Rapeseed Meal

Protein	min 33% AS IS
Oil	max 3%
Moisture	max 12%
Crude fiber	max 16%



## Rapeseed Meal (pellets)

Protein	min 33% AS IS
Oil	max 3%
Moisture	max 12%
Crude fiber	max 16%

# Animal Feeds & Fodder



## Soybean Meal

Protein	45%
Fiber	3,5%
Moisture	10%
Uraieza activity	0,05-0,30 Ph
Oil	6-7%
GMO	no
Toxity	no



## Sunflower Meal

Protein	min 35% AS IS
Oil	max 2%
Moisture	max 12%
Crude fiber	max 26%
Aflatoxin B1	0,005 mg/kg
Zearalenone	1 mg/kg
Toxity	not allowed

# Animal Feeds & Fodder



## Wheat Bran

Protein	min 14%
Moisture	max 15%
Fiber (as is)	max 9%
Ash	max 8%



## Wheat Bran (pellets)

Protein	min 14%
Moisture	max 15%
Fiber (as is)	max 9%
Ash	max 8%



## Grains

- Barley
- Corn
- Wheat Feed
- Wheat Milling

# Grains



## Barley

Test weight	min 620 g/l
Moisture	max 14%
Foreign matter	max 2%



## Corn

Broken	max 5%
Damaged	max 5%
Moisture	max 14%
Foreign matter	max 2%

# Grains



## Wheat Feed

Test weight	min 700 g/l
Moisture	max 14%
Foreign matter	max 2%
Trash impurities	max 3%
Grain impurities	max 15%
Spot grain	max 10%
Fusarium grain	% (within the spoiled grains)



## Wheat Milling

Protein	min 12,5%
Test weight	min 740 g/l
Wet gluten	min 23%
Falling number	min 220s
Moisture	max 14%
Foreign matter	max 2%
Trash impurities	max 2%
Grain impurities	max 8%
Soot grain	max 8%
Fusarium grain	0,3% (within the spoiled grains)



## Oilseeds

- Rapeseeds
- Soybeans
- Sunflower Seeds

# Rapeseeds

Moisture	max 8%
Foreign matter	max 3%
Glucosinolates	max 35
Oil	min 42%
Acid value of oil in seeds	max 5,0 mg KON/g
Aflatoxin B1	max 0,005 mg/kg
T-2	max 0,1 mg/kg
Zearalenone	max 1 mg/kg



# Soybeans



Moisture	max 12%
The mass fraction of protein, in terms of dry matter	min 35%
The mass fraction of oil, in terms of dry matter	min 12%
Garbage and oil impurities (together)	max 10%
In particular, garbage admixture	3
In an oil admixture: antifreeze soybean seeds, sunflower seeds	5
GMO	No

# Oilseeds



## Sunflower seed (low oleic)

Oil content	basis 45%
Admixture	basis 2%
Moisture	basis 9%
FFA	basis 2%



## Sunflower seed (high oleic)

Oil content	basis 45%
Admixture	basis 2%
Moisture	basis 9%
FFA	basis 2%
Mass fraction of oleic acid in oil	min 72%



## Wheat flour

Moisture	max 14,5%
Whiteness	min 42-54
Wet gluten	min 25-26% on DRY BASIS
Ash	max 0,55-0,75%
Falling number	min 160s

# Sugar



## Sugar

Polarization	99.80%
Invert Sugar	0.025%
Humidity	0.05%
Conductive ash	0.018%, 10 Bali
Chromaticity in solution	45 INCUMSA units, 6 Bali
Chromaticity in crystalline form	1.3, 3 Bali
Total amount in points	19 Bali
Ferroim content	0.0002 mg/kg
Sugar Category	1

## Rapeseed Oil (crude)



Color number	< 40 mg of iodine
Acid value of fat	< 2 mg KOH/g
Peroxide value	< 2½ 0 Mmol/kg
Mass fraction of moisture and volatiles content	< 0,2%
Mass fraction of phosphorus-containing substances in terms of stearooleoletsytyn	30 ppm%
Mass fraction of erucic acid	< 1%
Temperature of the flash of oil	min 230°C
Mass fraction of not fat admixtures	< 1%

# Vegetable Oil

## Soybean Oil (crude)



Color number	< 60 mg of iod
Acid value	< 4 mg KON/g
Peroxide value	< 10½ 0 Mmol/kg
Mass fraction of moisture and volatiles content	< 0,15%
Mass fraction of phosphorus-containing substances in terms of stearoleoletsytyn	< 0,35%
Temperature of flash of oil	min 225°C
Mass fraction of not fat admixtures	no



## Sunflower Oil (crude)

Color number iodine	25 mg
Acid number	4 mg
Peroxide number during release from the manufacturing	< 7
Peroxide number at the end of storage time	< 10
Mass fraction of phosphorus-containing substances:	
- conversion into stearooleocitine	> 0,6%
- conversion into P205	> 0,05%
Mass fraction of nonfat impurity	> 0,10%
Mass fraction of moisture and volatiles	0,20%
Oil boiling point	225°C
Transparency	> 40



## Sunflower Oil (refined)

Color number iodine	10 mg
Acid number	0,36 mg
Peroxide number is not more than fresh oil	0,5
Mass fraction of phosphorus-containing substances, conversion into stearooleocitine	no
Mass fraction of nonfat impurity	0%
Mass fraction of moisture and volatiles	0,10
Oil boiling point	min 234°C
Transparency	max 25

# Vegetable Oil



## Sunflower Oil (refined, bottled, deodorized, winterized of P grade)

The products are packed in PAT bottles of different volumes: 840 ml, 1 L, 1,8 L, 3 L, 5 L.

Every bottle of sunflower oil has its own unique engraving, comfortable handle, and design. Easy to use and store. The label indicated the composition, nutritional value of the product and the manufacturer's coordinates.



**PRICE ON REQUEST**

**DELIVERY TERMS:DAP, DDP, FOB,  
FCA, CIF**

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