

## Dear Customers!

Dear Customers ! Our company supplies following agro products and feed ingredients:

- Grain and oilseeds;
- Vital wheat gluten and wheat bran;
- Crude linoleic and higholeic sunflower oil;
- Sunflower meal and husk pellets;
- Crude corn oil;
- Corn gluten meal, corn gluten feed and corn oilcake feed;
- Crude degummed soy bean oil;
- Soybean meal and soybean oilcake feed;
- Sugar beet pulp and molasses;



Bio agro products and feed ingredients can be offered by request



**HARVESTER STOCK**  
food and feed

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Basis Quality specs of the goods are the following:



### WHEAT 12.5

Quality:

- **Test weight: 770 g/l** min.
- **Moisture: 14.0%** max.
- **Grain admixture: 8.0%** max.
- **Foreign admixture: 2.0%** max.
- **Protein: 12.5%** min.
- **Falling number: 240 sec** min.
- **Wet gluten: 23%** min.
- **Bug damaged: 2.0%** max.
- **IDK: 100** max.



### WHEAT 11.5

Quality:

- **Test weight: 770 g/l** min.
- **Moisture: 14.0%** max.
- **Grain admixture: 8.0%** max.
- **Foreign admixture: 2.0%** max.
- **Protein: 11.5%** min.
- **Falling number: 230 sec** min.
- **Wet gluten: 19%** min.
- **Bug damaged: 2.0%** max.
- **IDK: 100** max.



### FEED WHEAT

Quality:

- **Test weight: 720 g/l** min.
- **Moisture: 14.0%** max.
- **Grain admixture: 15.0%** max.
- **Foreign admixture: 2.0%** max.



### FEED BARLEY

Quality:

- **Test weight: 620 g/l** min.
- **Moisture: 14.0%** max.
- **Grain admixture: 8.0%** max.  
(including 4% other grains)
- **Foreign admixture: 2.0%** max.



### VITAL WHEAT GLUTEN

Quality:

- **Water content: 5.0% min -8.0% max**
- **Protein (N x 6.25): 80.0% i.d.m. min.-85% i.d.m. max.**
- **Ash: 1,5% i.d.m. max.**
- **pH: 6.0 min.-7.0 max.**
- **Water binding capacity: 180% min.- 240% max.**



### WHEAT BRAN

Quality:

- **Moisture: 14.5%** max.
- **Protein: 11.0%** min.
- **Crude fiber: 13%** max.



## YELLOW PEAS

### Quality:

- **Moisture: 14.5% max.**
- **Foreign matter: 2.0% max.**
- **Damaged and beaten: 8,0% max.**
- **Other colors peas: 3,0% max.**
- **Damaged by weevils: 5,0% max.**



## RAPE SEEDS

### Quality:

- **Moisture: 8.0% max.**
- **Oil content: 42.0% bss.**
- **No bonus for oil content over: 42.0%**
- **Foreign admixture: 3.0% max.**
- **Erucic acid: 2.0% max.**
- **Glucosinolates: 30 mole/g mc**
- **Non GMO**



## FLAX SEEDS

### Quality:

- **Oil content: 40.0% min.**
- **Moisture: 8.0% max.**
- **Foreign Matter: 3.0% max.**



## FEED CORN

### Quality:

- **Moisture: 14,5% max.**
- **Foreign admixture: 2.0% max.**
- **Grain admixture: 10% max. includ**
  - broken - **5.0% max.**
  - damaged - **5.0% max.**



## CRUDE CORN OIL

### Quality:

- **Acid value: 5.0 mg KOH/g max**
- **Moisture and Volatile Matter: 0,2% max.**
- **Colour number of iodine: 100 mg max**
- **Phosphorous-containing substances in recalculation to stearooleocithin: 1 % max.**
- **Peroxide value: 10.0 1/2 O mMol/kg max**



## DRY CORN GLUTEN MEAL

### Quality:

- **Moisture: 10.0% max.**
- **Crude fat: 4.5% max.**
- **Crude Protein: 60.0% min.**



## DRY CORN GLUTEN FEED

### Quality:

- **Moisture: 12.0% max.**
- **Crude protein: 18.0% min.**
- **Ash (in d.s.b., insoluble in 10%hydrochloric acid solution): 1.8% max.**



## CORN OILCAKE FEED

### Quality:

- **Moisture: 6.0% max.**
- **Crude fat content: 15.0% max.**
- **Crude protein content: 18% min.**



## SOYBEANS

### Quality:

- **Oil content: 18.0% max.**
- **Moisture: 13.0% max.**
- **Foreign Matter: 2.0% max.**
- **Protein content: 33.0% max.**



### CRUDE DEGUMMED SOY BEAN OIL

Quality:

- **Acid value:** 4 mg KOH/g max.
- **FFA (as Oleic):** 1.0% max.
- **Moisture and Volatile Matter:** 0.2% max.
- **Phosphorus in recalculated on stearo-oleolecithin:**
  - in recalculation to stearooleolecithin: **0.35%** max.
  - in recalculation to phosphor: **0.03%** max.
- **Peroxide value:** 10 ½O mMol/kg max.
- **Flash point:** 225° °C min.



### SOYBEAN MEAL

Quality:

- **Acid number of fat:** 17 ml KOH/g max.
- **Moisture:** 12.0% max.
- **Content of ash nonsolvent in 10% chlorohydric acid in recalculation to bone-dry solids:** 0.2%
- **Crude fat :** 2.5%
- **Protein:** 46.0% min.
- **Fiber:** 5.0% max.
- **Urease activity** (change in pH for 30 minutes): **0.2** max.



### SOYBEAN OILCAKE FEED

Quality:

- **Moisture:** 6.0% max.
- **Crude fat content:** 8.2% max.
- **Crude protein content:** 40.0% min.



### SOYBEANS HULLS

Quality:

- **Moisture:** 12.0% max.
- **Fiber:** 45.0% max.
- **Protein:** 7.0% min.
- **Fat Max:** 3.0%



### HIGH-OLEIC SUNFLOWER OIL

Quality:

- **Acid value of oil:** 4.0 mg KOH/g max.
- **Oleic acid:** 82.0% min.
- **Mass fraction of moisture & volatile substances:** 0.2% max.
- **Phosphorous-containing substances in recalculation to stearooleolecithin:** 0.6% max.
- **Peroxide value:** 15.0 ½ O mmol/kg max.



### NON-REFINED NON-FREEZE SUNFLOWER OIL

Quality:

- **Moisture and impurities:** 0.2% max.
- **Colour number of iodine:** 25 mg max.
- **Acid number:** 4.0 mg KOH/g max.
- **Mass fraction of moisture & volatile substances:** 0.2% max.
- **Phosphorous-containing substances in recalculation to stearooleolecithin:** 0.6% max.
- **Peroxide value:** 10.0 ½ O mmol/kg max.



### SUNFLOWER MEAL

Quality:

- **Moisture:** 11.0% max.
- **Crude fat:** 1.5% max.
- **Crude protein:** 35.0% min.
- **Crude fiber:** 19.0% max.



### HIGH PROTEIN SUNFLOWER MEAL

Quality:

- **Moisture:** 7.0% max.
- **Crude fat:** 1.5% max.
- **Crude protein:** 48% min.-52% max
- **Crude fiber:** 8.0% max.



### GRANULATED HUSK

Quality:

- **Bulk density:** 550 kg/m<sup>3</sup>
- **Ash value:** 3.0%
- **Moisture:** 8.0%
- **Caloric value:** 18 J/kg



## SUGAR BEET PULP

### Quality:

- **Moisture: 14.0%** max.
- **Sucrose: 9.0%** max.
- **Crude protein: 8.0%**
- **Crude fiber: 14,5%** max.
- **Crude fat < 1.0%**.



## SUGAR BEET MOLASSES

### Quality:

- **Dry matter: 75.0%** min.
- **Sucrose: 43.0%** min.
- **Fermented sucrose: 44.0%** min
- **PH average** min.-max: 6,5%-8,5%