

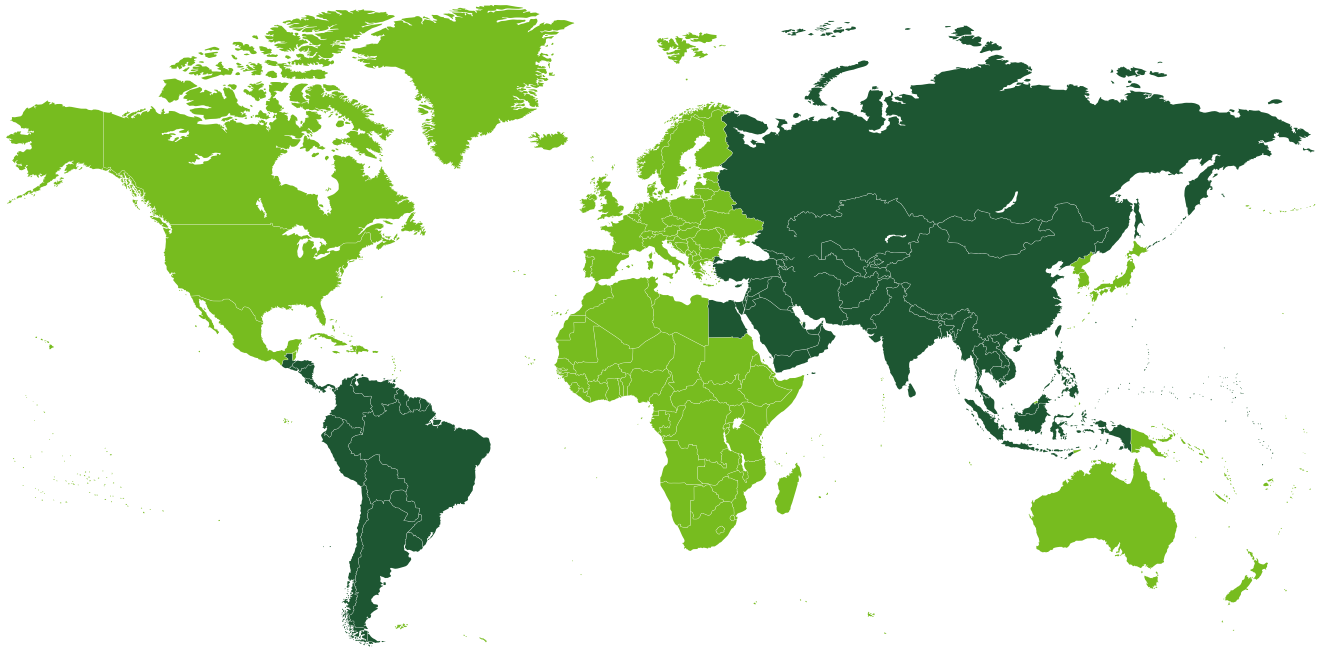


Feed Ingredients

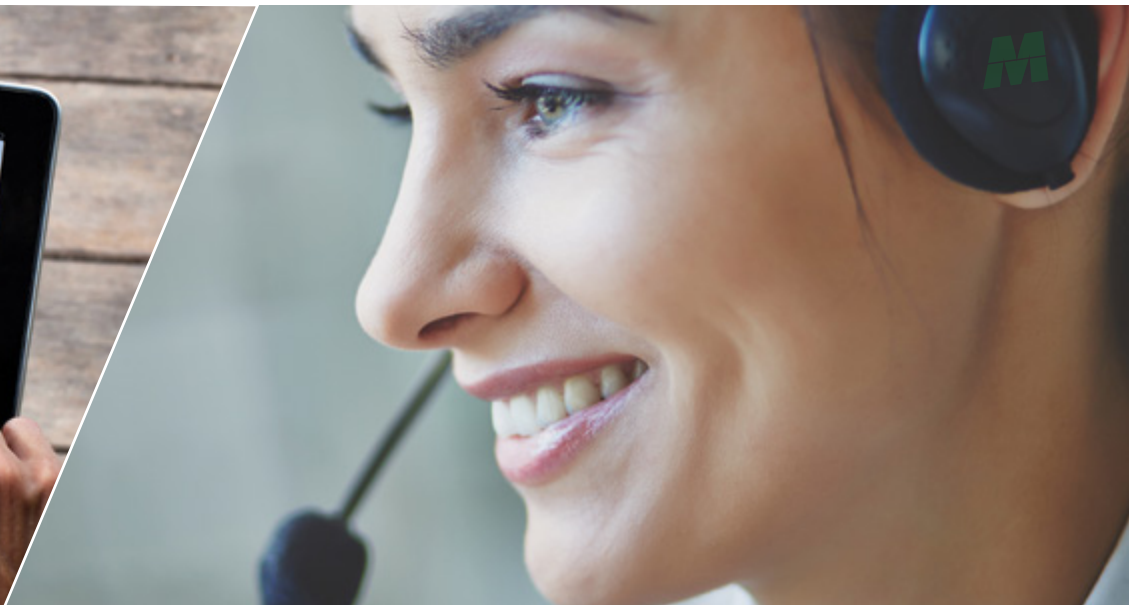
[MIRASCO.COM](https://www.mirasco.com)



Serving Farms and Feed Mill Operations in the Middle East, Central & South America, and Asia.



Offering customers free technical support and feed cost reduction expertise.





Vegetarian Protein

CORN GLUTEN MEAL 60%

Protein:	60% min
Fat:	2.4% max
Fiber:	2.5% max
Moisture:	12% max

HI PROTEIN SOYBEAN MEAL 47-48%

Protein:	47.5% min
Fat:	3% max
Fiber:	7% max
Moisture:	12.5% max

HI BYPASS SOYBEAN MEAL

Crude Protein:	49.12% DM
Soluble Protein:	4.46% DM
Soluble Protein:	9.08% CP
RUP:	73.3% CP
Dry Matter:	89%

GOLDEN DDGS

Protein:	26% max
Fat:	10% min
Profat:	36% min
Fiber:	10% max
Moisture:	12% max

COTTON SEED

Crude Protein:	21% min
Oil:	16-18% min range
Free Fatty Acids:	9% max
Fiber:	27% max
Moisture:	13% max

SPECIALTY DDGS PELLETS

Crude Protein:	34.27%DM
Total Fatty Acid:	2.40% DM
Crude Fiber:	7.7% DM
Moisture:	10%

GOLDEN DDGS HI PROTEIN

Crude Protein:	50% min
Crude Fat:	2.5% min
Crude Fiber:	3% min
Moisture:	2% max

HIGHLY DIGESTIBLE DDGS

Crude Protein:	41% DM
Fat:	7.82%DM
RUP:	74.30% CP
RUP Digestibility:	76.63% RUP

SOY PLUS

Crude Protein:	46.60%
Crude Fat:	6.54% min
Moisture:	11.40%
RUP:	60.00% CP



Animal Proteins

POULTRY MEAL

Crude Protein: 63% min
Fat: 12% max
Fiber: 2.5% max
Ash: 18% max
Moisture: 4.5% max

POULTRY BY PRODUCT MEAL (Low Ash-Pet Food)

Crude Protein: 65% min
Fat: 18% max
Fiber: 2.5% max
Ash: 11% max
Moisture: 3.5% max

POULTRY BY PRODUCT MEAL (Feed Grade)

Crude Protein: 60% min
Fat: 16% max
Fiber: 2.5% max
Ash: 15% max
Moisture: 8% max

BLOOD MEAL (Non Ruminant)

Crude Protein: 85% min
Fat: 0.5% max
Fiber: 1% max
Ash: 2% max
Moisture: 6% max

FISH MEAL (Sardine, Herring, Menhaden, etc.)

Crude Protein: 60-67% min range
Fat: 10% max
Ash: 20-24% max range
Salt: 2% max
Moisture: 10% max

MEAT AND BONE MEAL (Non Porcine/with Porcine)

Crude Protein: 45% min
Fat: 15% max
Fiber: 3% max
Ash: 35% max
Moisture: 10% max

PURE FEATHER MEAL (No Blood Meal added)

Crude Protein: 80% min
Fat: 7% max
Fiber: 1.5% max
Ash: 4% max
Moisture: 8% max



Forage & Hay

ALFALFA BALES (SUN CURED)

Sliced, Double and
Single Compressed
(Range: 50 – 700 kg bales)
Sleeved or Strapped
(iron or plastic strap)

GRADES:

Supreme

RFV: > 185
ADF%: < 27
NDF%: < 34
TDN-100%: > 62
TDN-90%: > 55.9
Crude Protein %: > 22

Premium

RFV: 170 – 185
ADF%: 27 – 29
NDF%: 34 – 36
TDN-100%: 60.5 – 62
TDN-90%: 54.5 – 55.9
Crude Protein %: 20 – 22

Very Good

RFV: 150 – 170
ADF%: 29 – 32
NDF%: 36 – 40
TDN-100%: 58 – 60
TDN-90%: 52.5 – 54.5
Crude Protein %: 18 – 20

Fair

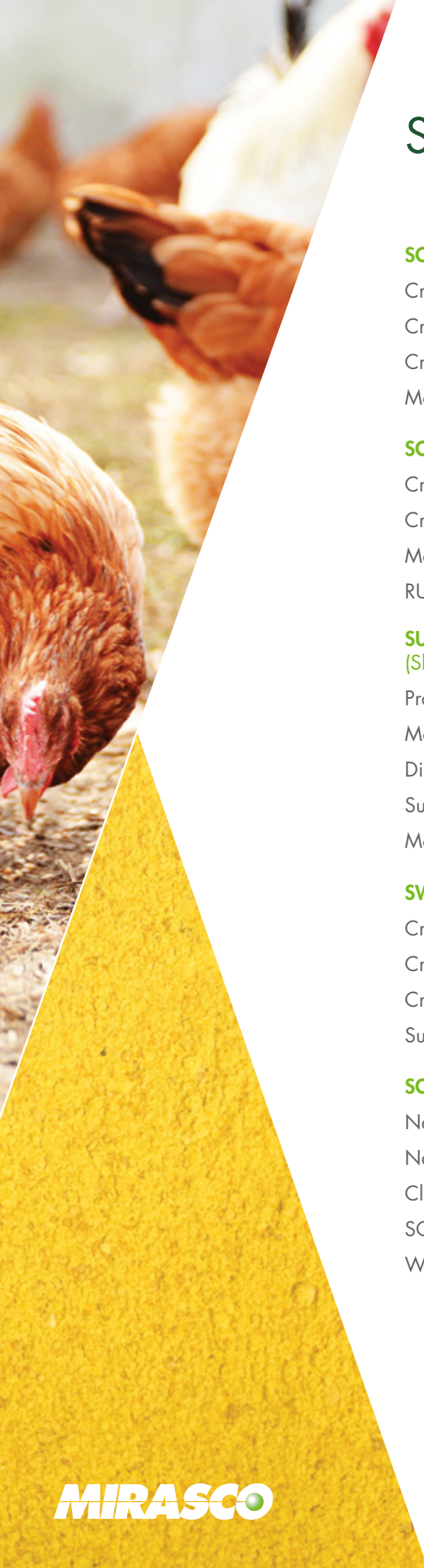
RFV: 130 – 150
ADF%: 32 – 35
NDF%: 40 – 44
TDN-100%: 56 – 58
TDN-90%: 50.5 – 52.5
Crude Protein %: 16 – 18

ALFALFA PELLETS

Protein: 12%/16%/18% min

OTHER HAY PRODUCTS:

Timothy Hay Oat Hay
Rye Hay Klein Grass
Bermuda Sudan Grass
Fescue Straw



Specialty Ingredients

SOY HULL PELLETS

Crude Protein:	9% min
Crude Fat:	0.5% min
Crude Fiber:	40% max
Moisture:	12% max

SOY CHLOR

Crude Protein:	20.06%
Crude Fat:	2.5%
Moisture:	12.2%
RUP:	58% CP

SUGAR BEET PULP (Shred/Pellets)

Protein:	7% min
Moisture:	12% max
Diameter:	0-19 mm
Sugar:	7% max
Molassed/Non-Molassed	

SWEET DRIED MOLASSES

Crude Protein:	8% min
Crude Fat:	0.1% min
Crude Fiber:	8% max
Sugar:	45%

SODIUM BICARBONATE

NaHCO ₃ :	99.3% min
Na ₂ CO ₃ :	0.5% max
Cl:	700 mg/kg max
SO ₄ -2:	300 mg/kg max
Water Insoluble:	500 mg/kg max

AMINO ACID BALANCING MATERIAL

Lysine:	89.5%
Threonine:	98.5%
Methionine:	99%

CALCIUM SALT OF LONG CHAIN FATTY ACID

Crude Fat:	84% min
Moisture:	5% max
Free Fatty Acid:	3% max

HIGH PALMITIC ACIDS PRILLS

Crude Fat:	99% min
Free Fatty Acid:	90% min
Moisture:	1% max
Melting Point:	56-60 °C
C16:0 Palmitic Acid:	85% min

Shipping and Discharging in Bulk Containers

All import and export operations are never outsourced and are managed internally by Mirasco's specialists. Our traders work hand-in-hand with suppliers to secure product that meets the set standard of the destination markets.

Our logistics specialists directly manage multimodal transit of goods to their final destination, and ensure that shipping documents are prepared accurately and on time.

Mirasco's experienced finance department is always prepared to meet clients requirements by providing transit finance options as needed.



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