

ANIMAL FEED

BROCHURE

Al Dahra Agriculture at a Glance

Al Dahra Group

- Multinational group headquartered in Abu Dhabi
- Specialized in the Food and Feed agribusiness
- Specialized in farming, processing, sourcing, and trading
- Active foreign investments and growth strategy
- Established presence in more than 20 countries
- Commercial activity across more than 40 markets
- Large asset base with a farming land bank of 400k acres
- Established logistics and supply chain capabilities



Feed Products

- Forage
- · Roughage
- · Feed Commodities
- · Additives / Supplements
- · Recipe-Based Products

Animal Feed

- 90,000 acres of land dedicated for forage cultivation
- 13 forage and roughage processing plants worldwide
- Geographically diverse footprint across continents
- Long-term supply contract with the UAE government
- · 40 · product actorories across different abancals
- Global feed commodities sourcing hub based in Italy
- Pioneer in animal feed new products' innovation



Dairy Channel

- · Dry Cows
- Lactating Cows
- Transitioning Cows
- · Milking Cows



Livestock Channel

- Camels
- Shoor
- · Goats
- Beef Cattle



Fruit & Vegetables

- Potatoes
 Apples
- Dates
- Olives
- · Grapes
- · Oranges



Other Channels

- Horses
- Rabbit
- Poultry



Grains

- Rice
- Corn
- Wheat/Flour
- · Other Grains

Product Portfolio



FORAGE PRODUCTS

HAY PRODUCTS

Suncured Alfalfa Dehydrated Alfalfa Oaten Hay

GRASS PRODUCTS

Suncured / Dehydrated

Rhodes Grass Ryegrass Hay Sudan Grass Bermuda Grass Fescue Grass Bluegrass Hay Timothy Hay Klein Grass

STRAW PRODUCTS

Ryegrass Straw Fescue Straw Bluegrass Straw Wheat Straw Barley Straw Rice Straw Oaten Straw

OTHER HAY PRODUCTS

Blended Hay Corn Silage



ROUGHAGE PRODUCTS



FEED COMMODITIES

HAY & STRAW PELLETS

Alfalfa Pellets Rice Husk Pellets High Fiber Pellets Wheat Bran Pellets Wheat Straw Pellets Ryegrass Pellets

OTHER COMMODITIES

Sugar Beet Pulp Cottonseed Feed Barley Feed Wheat Feed Corn Sorghum DDGS Citrus Pulp Molasses Sunflower Meal | Seed Rapessed Meal | Seed Soybean Meal | Seed Fish Meal Palm Kernel Expeller

Compound Commodity Pellets

ADDITIVES

Vitamins and Minerals Amino Acids

SUPPLEMENTS

TMR Feeds Engineered-to-Order Feeds



ADDITIVES & SUPPLEMENTS

Feed Business Entities

USA

- · top US forage exporter to the Asia and the Middle East
- · awarded the US presidential "E" award for exports
- · 40 years of leading industry experience
- farms in Arizona and Southern California
- · 30K acres of farming land for forage cultivation
- · 3 processing plants in Washington State, California, Arizona
- 700K MT annual processing and trading capacity



Spain

- · largest forage producer in Spain and across Europe
- · 22K acres of farming land for forage cultivation
- · 5 processing plants in Ivars, Bellvis, Linyola, Bujaraloz, vilasama
- 650K MT annual trading and sourcing capacity
- · cutting-edge dehydration and packing technologies
- · well-equipped warehousing and storage facilities
- · modern in-house laboratory for forage nutritional testing
- · long-term relations with the port of Barcelona



Italy

- · leader in forage and feed trading and distribution



Feed Business Entities

South Africa

- · sourcing platform for alfalfa and other grass varieties
- solid relationships and secure supply contracts with farmers, forage growers and agriculture cooperatives
- (pipeline) pressing plant set up and local logistical services
- 60K MT annual capacity



Egypt

- 22K acres of farming land in East Owaynat and Toshka dedicated to forages and other crops cultivation
- (pipeline) 1 processing plant in Toshka
- · 130K MT of annual trading capacity



Romania

- · own farming coupled with long-term exclusive supply
- agreements with forage producers and alfalfa growers
- 24K acres of farming land for forage cultivation
- 3 processing plants in Prundu, Visani, Lebad
- 300K MT annual processing capacity
- · state-of-the-art processing and packing facilities



Feed Business Entities

Serbia

- own farming capabilities with the infrastructure to work with forage producers and alfalfa growers
- · 10K acres of farming land for forage cultivation
- · 1 processing plant in Belgrade
- · 130K MT annual processing capacity



Australia

- · sourcing platform focusing on oaten hay
- dedicated to serving key customer base in Japan, China, Korea
- · 1 processing plant
- 40K MT annual processing capacity



China

- · Grain sales
- · Animal husbandry and fishery feed sales
- Agricultural and side-line products sales
- · Trade brokerage
- Social and economic consulting services and technology import and export



Sourcing and Trading



Trading Activity

- trading in more than 40 markets and regions
- · leading position across Asia, the GOC and the Middle East
- long-term relations with dairy customers and feed mills
- · global supply chain solutions and expert nutritional advice



Sourcing Activity

- sourcing from more than 40 origins
- established relations and agreements with preferred suppliers for each product category
- year-round and across all seasons products availability as a result of our geographic diversification

Product Quality



Field Quality Control

- diversified sourcing through multiple channels: partner farms, long-term suppliers, spot market
- ongoing inspections, testing and authorization of seed varieties, raw material/ fertilizers applied
- field visits during various farming stages: planting, growing, harvesting and cutting
- precise product labeling (stack number, grower, field, cutting information...)
- core sampling and analysis by certified laboratories as per final destination and customer requirements
- general inspection before product movement to the factory
 - visual inspection
 - moisture testing
 - ✓ lab / PCR testing



Outbound Plant Quality Control

- product storage in closed and controlled warehouses
- completion of the proprietary "Triple Check System" where every order is subjected to a minimum three QC inspections, testing for conformity to physical and chemical criteria
- physical inspection of containers
- record and picture keeping of all shipments
- internal traceability of each bale / pellet / bag throughout all production stages
- online customer shipment tracking functionality



Inbound Plant Quality Control

- product segregation and classification by quality range and grade
- product labeling (stack number on individual blocks and processing forms)
- product traceability with hay stacks records entered into a central database
- analytical tests and checks for bales and pellets in in-house laboratories (moisture testing, protein, ADF, NDF, ash, RFV...)
- cross analytical checks, audits and certifications by third parties and professional bodies
- technical specifications sheets for raw material and final products

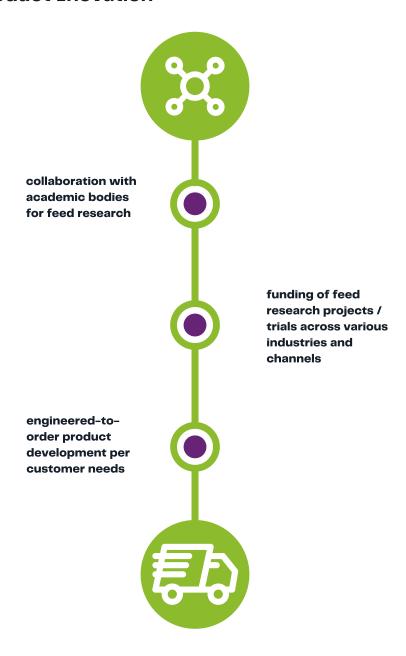
- visual inspection
- moisture testing
- customer specs matching

✓ visual inspection

moisture testing

grade matching

Product Inovation



Forage Category

Hay Products





Suncured Alfalfa



Dehydrated Alfalfa



Oaten Hay



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Origins:

Spain, Italy, France, Romania

Grades:

Supreme, Premium, First, Standard

Moisture Level:

+/- 12%

Protein Range:

14% to 20% (depending on grade and origin)

NDF Range:

38% to 52% (depending on grade and origin)

ADF Range:

28% to 38% (depending on grade and origin)

Origins:

USA, Spain, Italy, Australia

Grades:

DrylandOat,Irrigated
Oat
Suncured,Dehydrated

Moisture Level:

+/- 12%

Protein Range:

6% to 10% (depending on grade and origin)

NDF Range:

50% to 62% (depending on grade and origin)

ADF Range:

28% to 43% (depending on grade andorigin)

Origins:

USA, Egypt, South Africa, Sudan, Argentina

Grades:

Supreme, Premium, Standard, Economy

Moisture Level:

+/- 12%

Protein Range:

16% to 22% (depending on grade and origin)

NDF Range:

30% to 45% (depending on grade and origin)

ADF Range:

28% to 38% (depending on grade and origin)

Forage Category

Grass Products





Rhodes Grass



Ryegrass Hay



Sudan Grass





















Origins:

Pakistan, USA, South Africa, Sudan

Grades:

not applicable

Origins:

Spain, Italy, USA

Origins:

USA, Spain, Italy, Australia

Grades:

Suncured, Dehydrated

Grades:

Truesweet ® Sudan, Piper Sudan Suncured. Dehydrated

Moisture Level:

+/- 12%

Moisture Level:

Protein Range:

+/- 12%

+/- 12%

Moisture Level:

+/- 12%

Protein Range:

6% to 16% (depending on origin)

8% to 12% (depending on

NDF Range:

origin)

ADF Range:

30% to 42% (depending on origin)

Protein Range:

6% to 12% (depending on grade and origin)

NDF Range:

56% to 60% (depending on grade and origin)

ADF Range:

33% to 40% (depending on grade and origin)

NDF Range: 50% to 60%

(depending on origin)

ADF Range:

30% to 45% (depending on origin)

Forage Category

Grass Products





Bermuda Grass



Fescue Grass



Bluegrass Hay























Origins:

USA, Spain

Origins:

USA, Spain

Grades:

Suncured,

Dehydrated

Origins:

Grades:

not applicable

USA

Grades:

Premium Coastal Hay, Bermuda Grass Suncured, Dehydrated

Moisture Level:

+/- 12%

Moisture Level:

Protein Range:

+/- 12%

8% to 12%

origin)

Moisture Level:

+/- 12%

Protein Range:

8% to 12% (depending on grade and origin)

NDF Range:

(depending on

50% to 62% (depending on origin)

Protein Range: 8% to 12%

NDF Range:

54% to 75% (depending on grade and origin)

ADF Range:

30% to 40% (depending on origin)

NDF Range:

50% to 60%

ADF Range:

30% to 40% (depending on grade and origin)

ADF Range:

30% to 40%

Forage Category

Grass Products





Timothy Hay







Origins:

USA

Grades:

Premium Horse, #1 Horse, Super Premium, Premium #1, Premium #2

Moisture Level:

+/- 12%

Protein Range:

6% to 12% (depending on grade)

NDF Range:

50% to 60% (depending on grade)

ADF Range:

30% to 40% (depending on grade)



Klein Grass











Origins:

USA

Grades:

not applicable

Moisture Level:

+/- 12%

Protein Range:

5% to 8%

NDF Range:

55% to 65%

ADF Range:

30% to 40%

Roughage Category

Straw Products





Ryegrass Straw



Fescue Straw



Bluegrass Straw













Origins:

USA

Grades:

Ryegrass Perennial, Ryegrass Straw

Moisture Level:

+/- 12%

Protein Range:

3% to 6% (depending on grade)

NDF Range:

55% to 70% (depending on grade)

ADF Range:

35% to 45% (depending on grade) **Origins:**

USA

Grades:

not applicable

Moisture Level:

+/- 12%

Protein Range:

3% to 6%

NDF Range:

55% to 70%

ADF Range:

35% to 45%

Origins:

USA

Grades:

not applicable

Moisture Level:

+/- 12%

Protein Range:

5% to 8%

NDF Range:

60% to 75%

ADF Range:

40% to 55%

Roughage Category

Straw Products





Wheat Straw



Barley Straw



Rice Straw









Origins:

USA, Spain, Italy, Romania, Australia

Grades:

not applicable

Suncured, Dehydrated

Moisture Level:

8% to 12% (depending on origin)

Protein Range:

3% to 6% (depending on origin)

NDF Range:

55% to 70% (depending on origin)

ADF Range:

33% to 50% (depending on origin)

Origins:

Spain

Grades:

Supreme, Premium, Standard, Economy Suncured, Dehydrated

Moisture Level:

8%

Protein Range:

5%

NDF Range:

56% to 60%

ADF Range:

33% to 39%

Origins:

USA

Grades:

not applicable

Moisture Level:

<12%

Protein Range:

4% to 5%

NDF Range:

61% to 62%

ADF Range:

50% to 51%

Roughage Category

Straw/OtherHay Products





Oaten Straw



Origins:

USA, Australia

Grades:

not applicable

Moisture Level:

+/-12%

Protein Range:

3% to 5% (depending on origin)

NDF Range:

60% to 75% (depending on origin)

ADF Range:

40% to 55% (depending on origin)



Blended Hay



Origins:

USA, Spain, Italy

Grades:

Alfalfa Rice Blend, Alfalfa Wheat Blend

Moisture Level:

+/- 12%

Protein Range:

> 10% (depending on grade and origin)

NDF Range:

56% to 60% (depending on grade and origin)

ADF Range:

33% to 39% (depending on grade and origin)

Roughage Category

OtherHay Products





Corn Silage



Origins:

Romania (Wet Silage)

Grades:

not applicable

Moisture Level:

10%

Protein Range:

7.5% to 9%

NDF Range:

40% to 45%

ADF Range:

30% to 33%



Dehydrated Corn Silage



Origins:

Spain (Dehydrated Silage)

Grades:

not applicable

Energy:

≥ 1,48 Mcal/kg (dry)

Starch:

≥ 30%

Feed Commodities

Hay and Straw Pellets





Alfalfa Pellets



Rice Husk Pellets



High Fiber Pellets



Origins:

Spain, Italy, France, USA

Grades:

Supreme, Premium, First, Standard



Vietnam, India

Grades:

not applicable

Origins:

Spain, Italy

Grades:

not applicable

Moisture Level:

10% to 12% (depending on grade and origin)

Protein Range:

14% to 22% (depending on grade and origin)

NDF Range:

32% to 59% (depending on grade and origin)

ADF Range:

21% to 40% (depending on grade and origin)

Moisture Level:

+/- 12%

Protein Range:

2.5% to 3.2% (depending on origin)

NDF Range:

50% to 62% (depending on origin)

ADF Range:

28% to 43% (depending on origin)

Moisture Level:

11%

Protein Range:

8% to 10% (depending on origin)

NDF Range:

56% to 62% (depending on origin)

ADF Range:

36% to 41% (depending on origin)

Feed Commodities

Hay and Straw Pellets





Wheat Bran Pellets



Wheat Straw Pellets



Ryegrass Pellets



Origins:

Italy, Greece, India, Turkey

Grades:

not applicable

Moisture Level:

14% Maximum

Protein Range:

14% to 16% (depending on origin)

NDF Range:

54% to 56% (depending on origin)

ADF Range:

40% to 42% (depending on origin)





Origins:

Spain, Italy, Romania

Grades:

not applicable

Moisture Level:

12%

Protein Range:

4% (depending on origin)

NDF Range:

54% to 56% (depending on origin)

ADF Range:

40% to 42% (depending on origin)



Origins:

Spain, Italy

Grades:

not applicable

Moisture Level:

+/- 12%

Protein Range:

+/- 12%

NDF Range:

50% to 62% (depending on origin)

ADF Range:

28% to 36% (depending on origin)

Feed Commodities

Other Commodities





Sugar Beet Pulp

Origins: France, Serbia, Germany, Austria, Croatia, Russia, Egypt



Feed Corn

Origins: Romania, Brazil, Russia, Ukraine, Moldova, Bulgaria, USA, Argentina, Paraguay



Cottonseed

Origins: Greece, Brazil, Australia, Argentina



Sorghum

Origins: Ukraine, Moldova



Feed Barley

Origins: Romania, Ukraine, Brazil, Argentina, Russia, Bulgaria



DDGS

Origins: USA, Argentina



Feed Wheat

Origins: Brazil, Russia, Ukraine, Moldova



Citrus Pulp

Origins: Brazil

Feed Commodities

Other Commodities





Molasses

Origins: Russia, Brazil



Fish Meal Pellets

Origins: Peru, Chile



Sunflower Seed

Origins: Ukraine, Moldova, Romania, Bulgaria



Sunflower Meal

Origins: Russia, Argentina



Rapeseed Seed

Origins: Russia, Ukraine, Moldova, Romania, Bulgaria



Rapeseed Meal

Origins: Russia, Romania, Bulgaria



Soybean Seed

Origins:

Ukraine, Moldova, Argentina, Paraguay



Soybean Meal

Origins:

Ukraine, Moldova, Paraguay, Brazil, Argentina

Feed Commodities





Palm Kernel Expeller

Origins: Indonesia, Malaysia



Compound Commodity Pellets

Origins: Vietnam, Italy, Spain Made to Order Per Customer Needs

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Product Name	Dairy	Beef	Camels	Goats	Sheep	Horses	Rabbits	Poultry
Sugar BeetPulp	⊘	0	⊗	Ø	0		Ø	0
Cottonseed	⊘	0		Ø	0			
FeedBarley	0	0		0	0	0		
FeedWheat	0	0		0	⊘	0		0
FeedCorn	0	0		0	0	0		0
Sorghum	0	0	⊘	0	0		0	0
DDGS	⊘	0	0	0	⊘		Ø	0

Feed Commodities



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	7-31	4		7-3	***		\	*
Product Name	Dairy	Beef	Camels	Goats	Sheep	Horses	Rabbits	Poultry
CitrusPulp	⊘	0	⊘	⊘	Ø		Ø	⊘
Molasses	⊗	0	⊘	0	0		0	0
Sunflower Meal Seed	⊗	0	0	0	0		0	0
Rapeseed Meal Seed	⊘	0	0	0	0		⊘	0
Soybean Meal Seed	0	0	0	0	0		⊘	0
FishMeal	0	0	0	0	0		0	0
Palm KernelExpeller	0	0			0			0
Compound Commodity Pellets		0		0	0	0		

Packaging and Shipping

Bale Products from the US				
Double Compressed Small Bale	30 Kg			
Double Compressed Large Bale	60 Kg			
Single Compressed Large Bale	60 Kg			
Log Bale	100 Kg			
MACX ® Bale Sleeve	450 Kg			
UNI PACX ® 8-12	720 Kg + 450 Kg			
UNI PAGX ® 12-12	720 Kg + 720 Kg			
UNI PACX ® 20	1,200 Kg			

Pellet Products fro Europe	om
Pellets / Cubes Small Bags	25Kg
Pellets /Cubes Small Bags	40 Kg
Pellets / Cubes Large Bags	1,000 Kg

Shipping Options:
40' Standard Sea Container (Palletized)
40' Standard Sea Container (Bulk)
40' High Cube Sea Container
Bulk Vessel / Break Bulk

Packaging and Shipping

Bale Products from Europe	
Double Compressed Large Bale	450 Kg
Double Compressed Large Bale	800 Kg
Double Compressed Small Bale	50 Kg
Single Compressed Large Bale Single	450 Kg
Compressed Large Bale	800 Kg
Small Bale with Sleeve on Pallet	30 Kg
Medium Bale with Sleeve / Plactic Strip	400 Kg
Large Wired Bale (Wire)	750 Kg
Large Wired Bale (Twine)	750 Kg



Single Compressed Small Bale (60 Kg)



Double Compressed Small Bale (60 Kg)



Double Compressed Small Bale (30 Kg)



Long Bale (100 Kg)



MACX ® Bale Sleeve (450 Kg)



UNIPACX ®(1,200 Kg)



UNIPACX @(720Kg + 450 Kg)



UNIPACX ®(720Kg + 720 Kg)



ANIMAL FEED WORLDWIDE PRESENCE

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