



# FARMING IN THE DESERT

Farming Division





Farming Division

6 1 2009



Farming Division



9 11 2008



# FARMING DIVISION

Farming Division



**Total Herd - 105,000 animals**



Farming Division

-  7 Dairy Farms
-  7 Arable Farms
- 1 Depot for Cull Cow Sales
- 1 Manufacturing Centre





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ARABLE



Farming Division



22,500 Hectares under centre pivot  
irrigation



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INTENSIVE FARMING ON AN  
EXTENSIVE SCALE



Farming Division

- 
- ENGINE OUTPUT = Upto 700 Horsepower
  - 2009 Water Consumption = 410,000,000 Cubic meters
  - Diesel Consumption = 1Billion Litres



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Deep well impellor pumps set at upto 200 metres  
Pump output upto 6,000 litres per minute



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3 Year Rotation: Two years in Alfalfa followed by one year in Maize





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Farming Division



11,000 tonnes DAP per year

JAN 11 2009



Farming Division



Alfalfa Seed - 20kg/ha



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# Integrated Crop Management

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Farming Division



Team of Agronomists monitor crops on a daily basis



# 2009 Budget

Farming Division

- Alfalfa Production :400,000 tonnes
- Maize Silage :300,000 tonnes
- Rhodes Grass :30,000 tonnes

11 12 2008



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Farming Division



- 10 cuts per year
- Budget yield - 22.5 t/ha
- 21 day cutting interval at peak growth
- 800ha cut per day, May to September
- 40,000km of baler twine



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DEC 14 2005



Farming Division



45 Claas Rota Cut Quadrant Balers  
4,000 bales per night or 100 truck loads



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20,000 trucks per year  
6 minutes loading time

JAN 5 2009



Farming Division





Farming Division

2 Cuts taken each year  
110 tonnes per ha @ 32% DM

OCT 23 2003



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900km later!



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Each clamp holds 2,200 tonnes



# Al Danah Dairy Farm

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Total cows - 15,800

Youngstock - 18,000

R.H.A. - 12,500

Butterfat - 3.3%

19 12 2008



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940,000 litres per day

35 tankers per day - 1 tanker every 40  
minutes

19 12 2008



Farming Division



19 12 2008



1,000 tonnes of Hay per day!  
50 Truck loads!

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19 12 2008



Farming Division





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Rations electronically controlled and monitored from the farm office

19 12 2008



Farming Division



19-12-2008



Farming Division

Maximum temperature 30°C



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300 cows per house  
50 m<sup>2</sup> per cow

19 12 2008



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Cows washed twice for 6 minutes

15 12 2008



Farming Division





Farming Division

Cows dried for 15 minutes



Farming Division





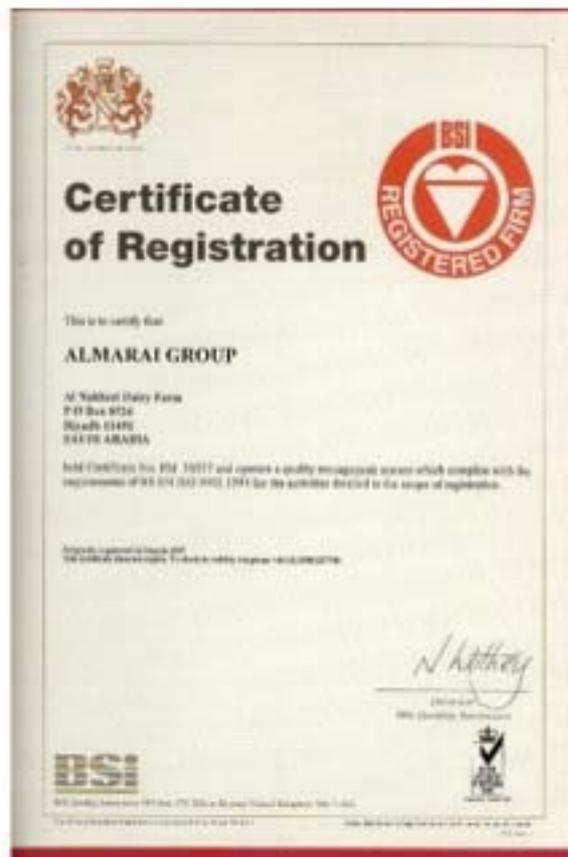
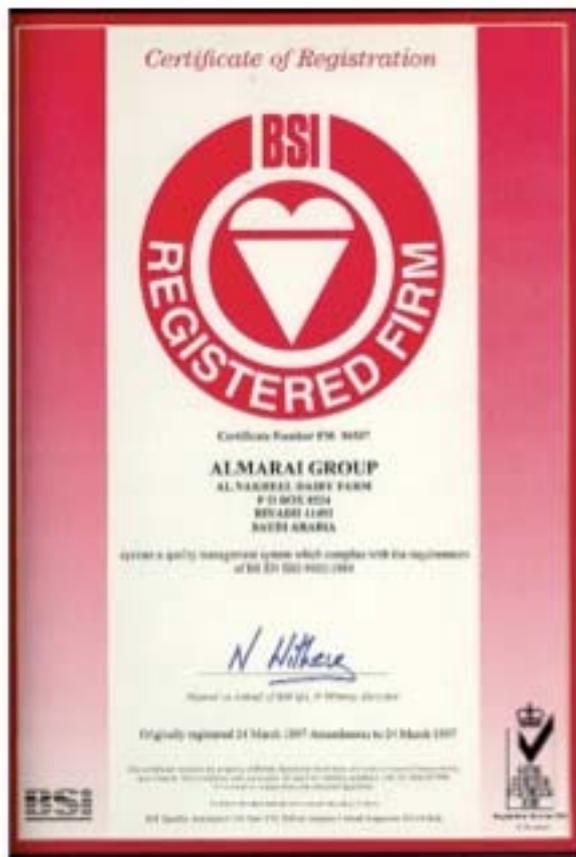
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Average mastitis less than 0.5%  
SCC 160,000  
TBC less than 1000



Farming Division

# BSI-ISO 9000 Accredited Farms



## Registered Farms & Site

**Al Nakheel Farm**

**Al Hamra Farm**

**Al Fanar Farm**

**Al Rabiah Farm**

**Al Badiyah Farm**

**Al Kabir Farm**

**Al Naklah Site**



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Farming Division





# Parts backup over 1.5 million GBP

Farming Division





Farming Division

# Central Processing Plant

Almarai 2008 profit - 125 Million GBP

19 12 2008



Farming Division





Farming Division



7 1 2009



Farming Division



2 1 2009



Farming Division



2 1 2009



Farming Division



6 1 2009



Farming Division



7 1 2009



Farming Division



7 1 2009



Farming Division

