



Knowledge grows

Yara International ASA

Carnegie US Roadshow

6-7 September 2011

A business strategy geared for global optimization



Scale
advantages

+

Unique
flexibility

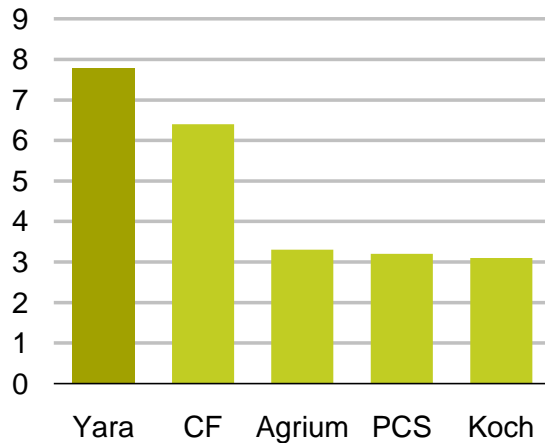
+

Unrivalled
presence

Yara – the leader in nitrogen fertilizers

Global no 1 in ammonia

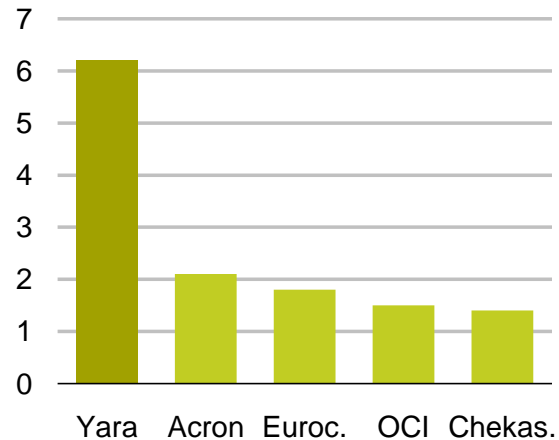
Production capacity* (mill t)



* Incl. companies' shares of JVs
Source: Yara & Fertecon

Global no 1 in nitrates

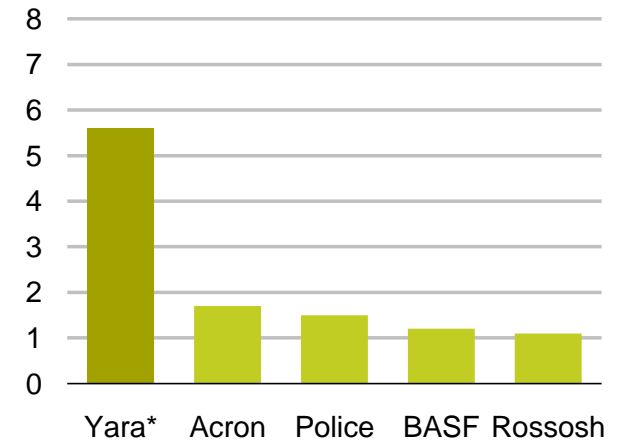
Production capacity* (mill t)



Source: British Sulphur, EFMA

Global no 1 in NPK complex fertilizer

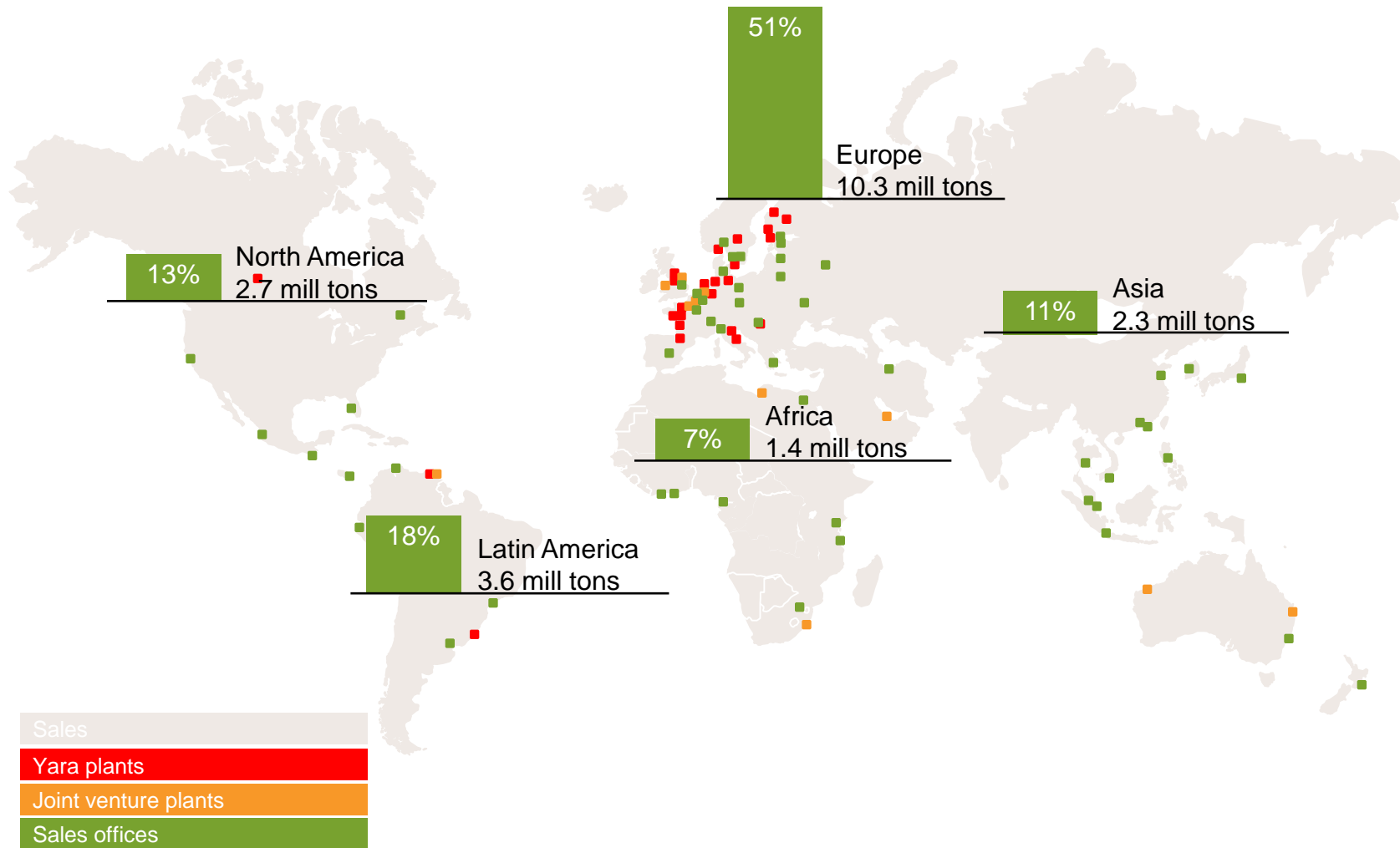
Production capacity* (mill t)



Source: Nitrex-Complex

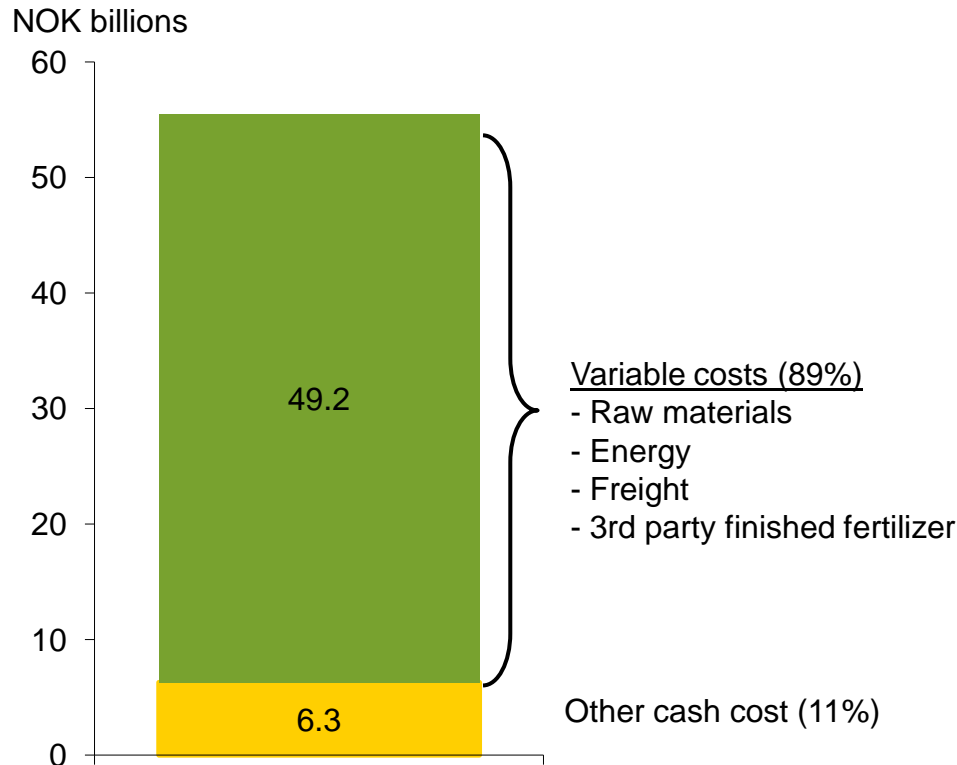


Global downstream presence with sales offices in more than 50 countries



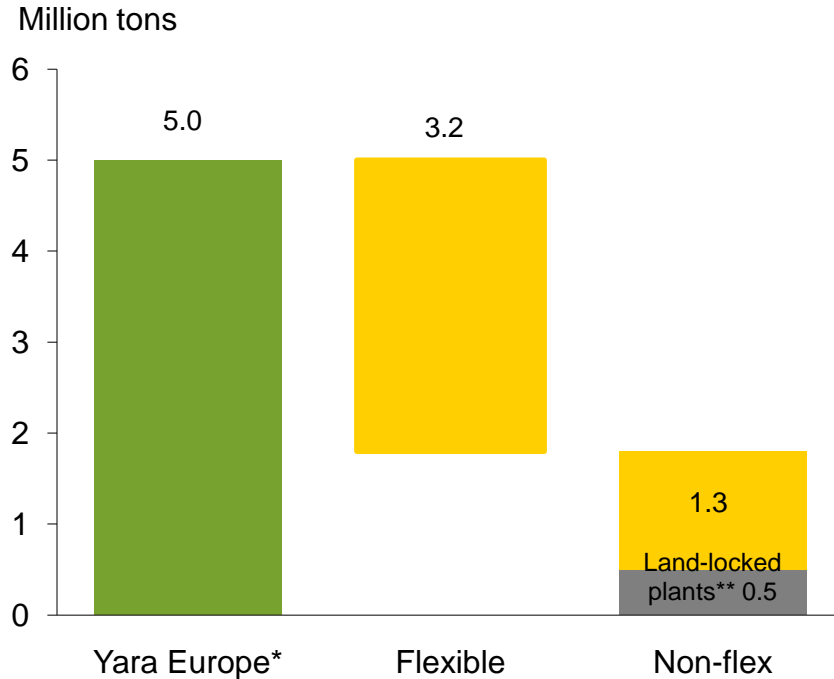
Yaras operating cash costs are mainly variable

Operating cash costs 2010



- Temporary plant closures can be made speedy and with limited stop/start costs
- Example for ammonia/urea plants:
 - Takes half a week to stop and a week to start
 - Cost of stopping is 2 days energy consumption
 - Cost of starting is 3 days energy consumption

Yara flexibility to produce or import ammonia in Europe



- Yara can swing 2/3 of European ammonia production without affecting fertilizer production
- Almost all Yara nitrate and NPK capacity has ammonia import flexibility

Yara can mitigate high European energy costs or take advantage of low ammonia prices by closing ammonia production and run most of nitrates and NPK based on imported ammonia.

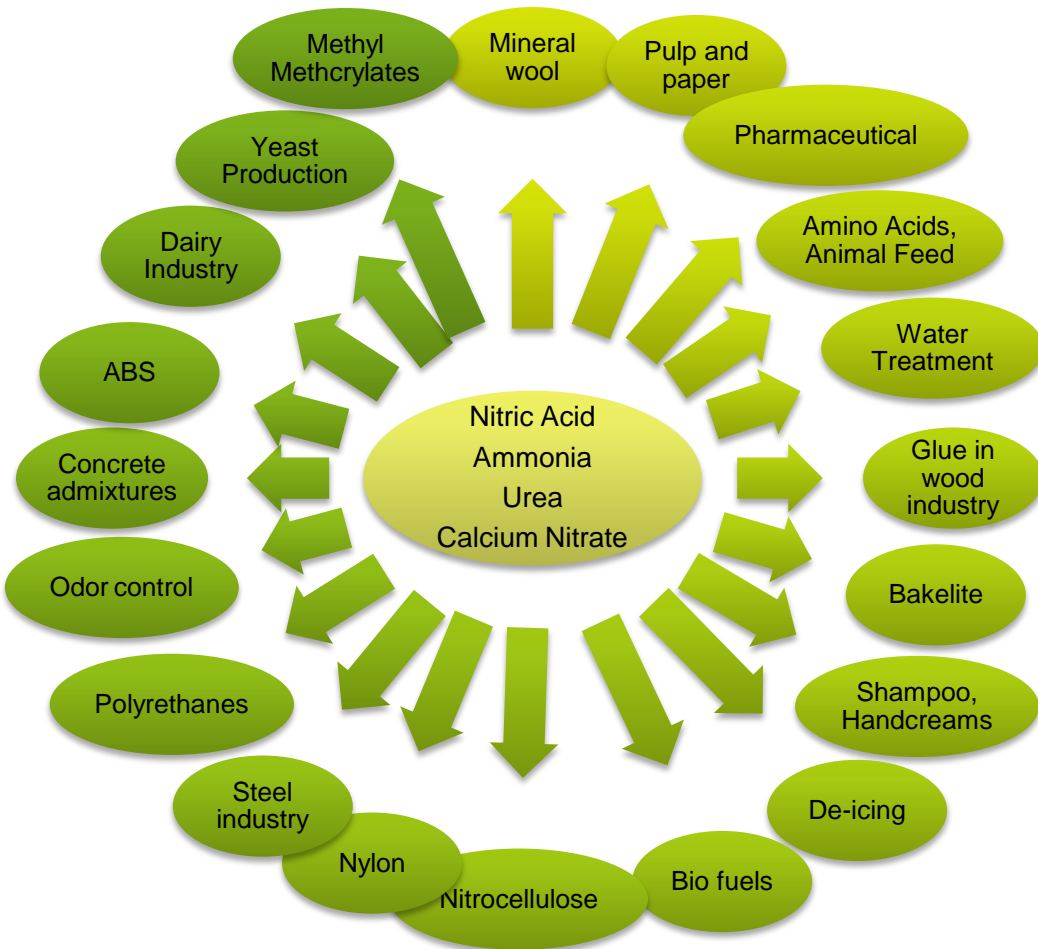
* Including equity share of joint venture capacity

** Yara European site without deep sea ammonia import/export terminals: Terte



Example of product innovation

Developing multiple applications for nitrogen chemicals



- Basic molecules into products that play a role in our daily life
 - **Nitric acid** to produce polyurethanes that are essential components to make car seats
 - **Ammonia** to make Caprolactam, an important raw material to produce nylon
 - **Calcium nitrate** enables rapid setting of concrete in cold conditions thereby saving time and money in construction
- Client base includes large players in the chemical, pharmaceutical, automotive, steel and biomaterial industries

Key trends impacting Yara the next 10 years

- Food security
- Climate change
- Water scarcity
- Need for agricultural productivity



Climate change and food security are related - established Downstream R&D project portfolio

Climate change

N ₂ O emissions from soils
Fertilizer for algae
Bioenergy
Intensification to Avoid deforestation
Forest as carbon sink
Nutrition and abiotic stress
Crop growth on marginal soils
Water use efficiency

Reduce emissions

Adapt to changes

Food security

Increase productivity
Secure sustainability
Crop nutrition research
Improved Nutrient management
Product development
Precision farming
Water access
Life cycle analysis
P use efficiency
Nutrition of rice
Nutrition of oil palm and sugar cane

Innovation

Knowledge transfer

Products & Services



Yara fertilizer reduces carbon footprint from farming

Fertilizer - an efficient solar energy catalyst

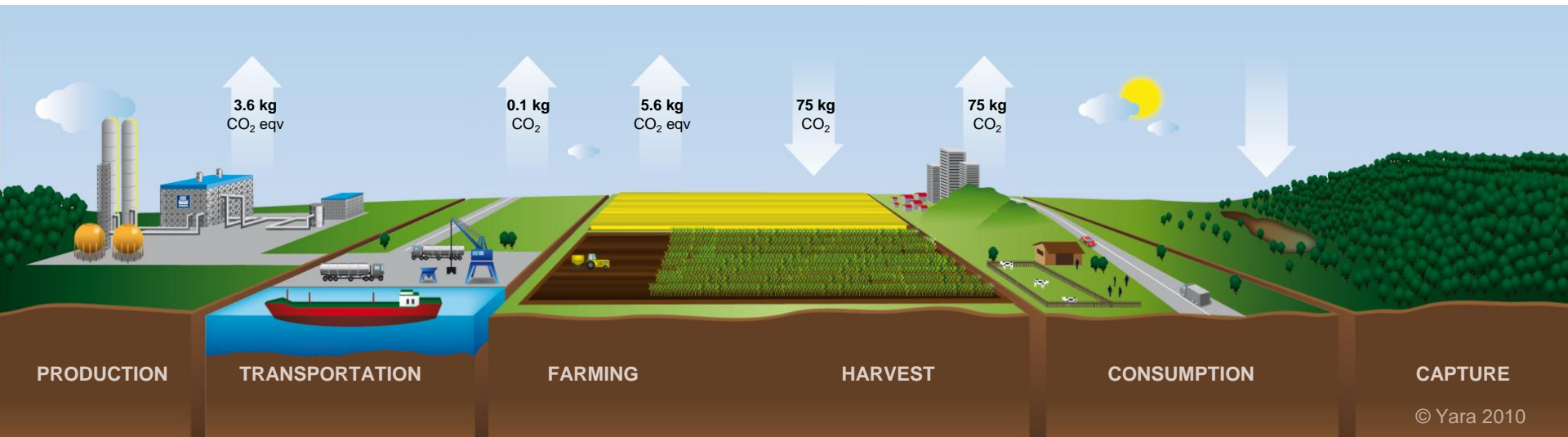
- Production marginal part of carbon footprint - efficient application more important
- Huge positive effects of fertilizer use by lower land use

Production

- Yara's production more energy-efficient than competitor average
- Yara developed N₂O catalyst

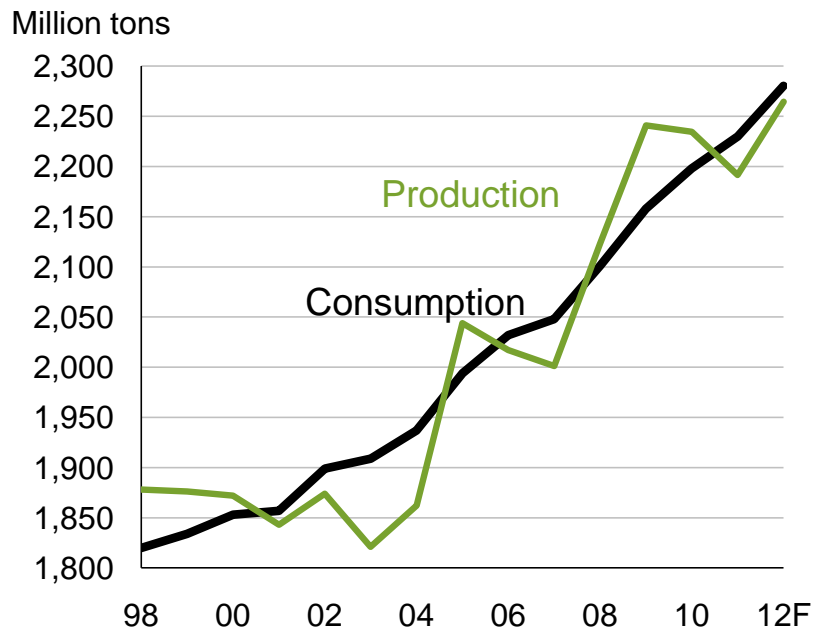
Application

- Nitrates better than urea
- Precision farming (N-tester etc.)
- Balanced fertilization (NPK)

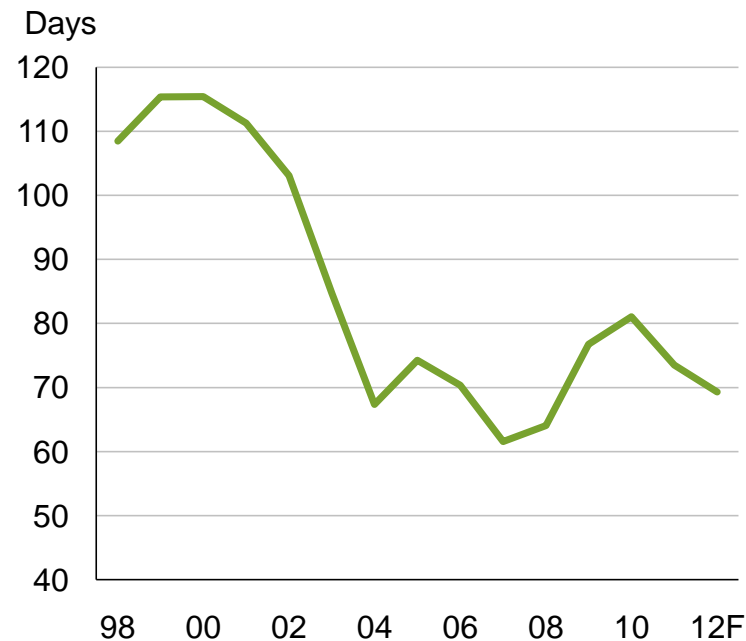


Stocks-to-use decline despite strong incentives and record production

Grain production and consumption



Days of consumption in stocks



Source: USDA, August 2011

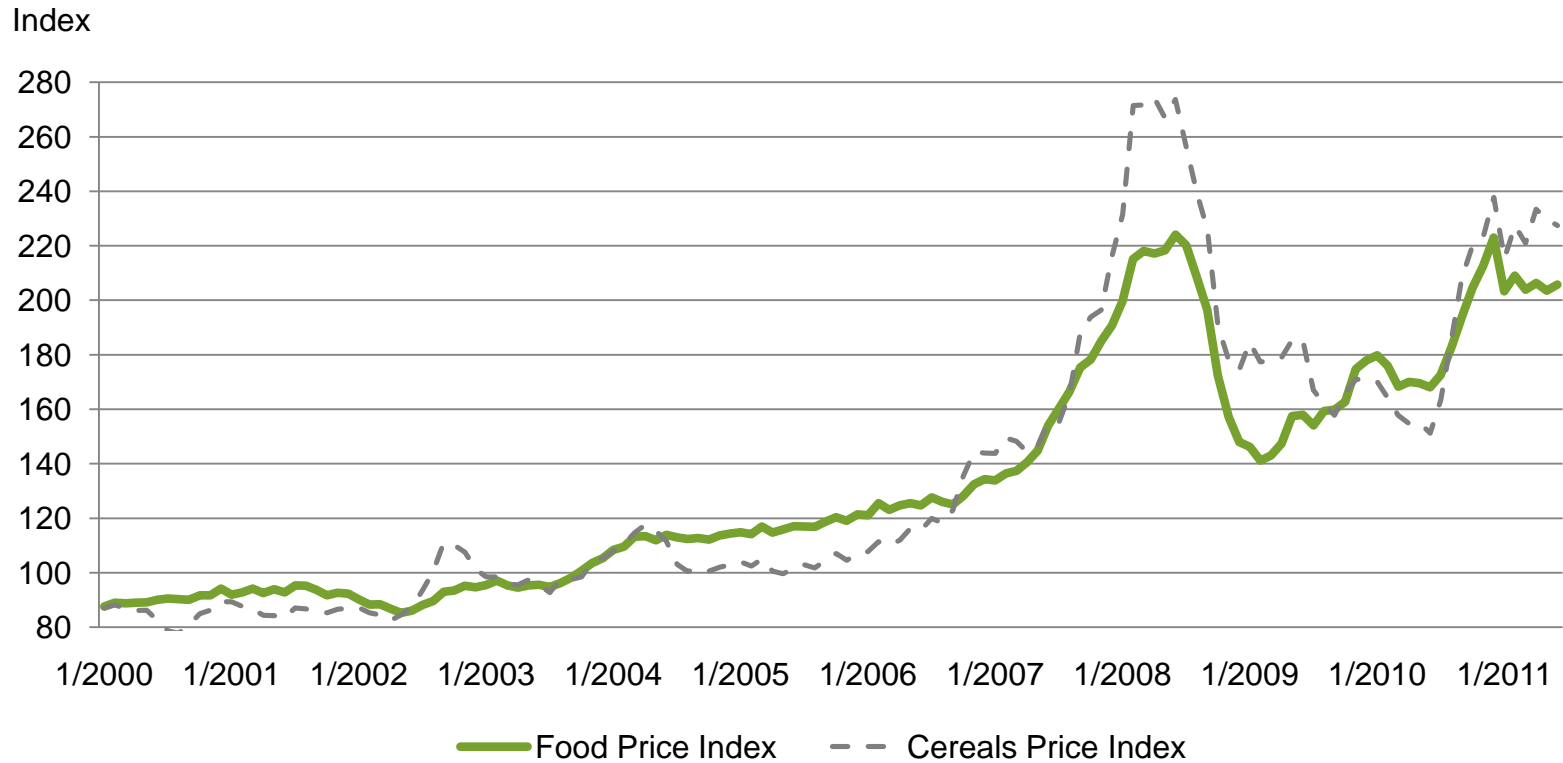


IR – Date: 2011-09-02



Strong farm incentives

FAO price index



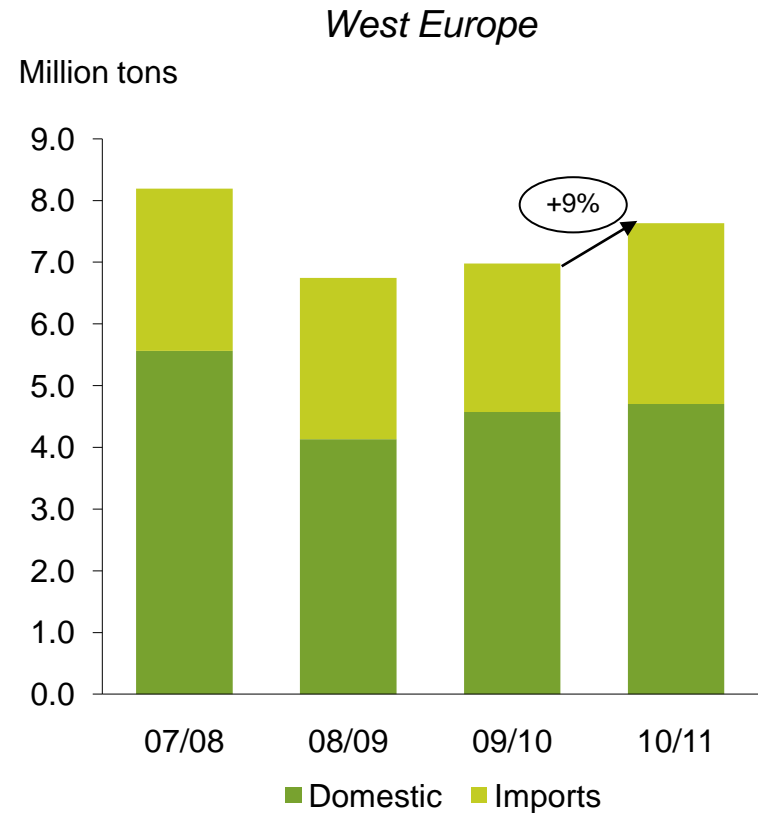
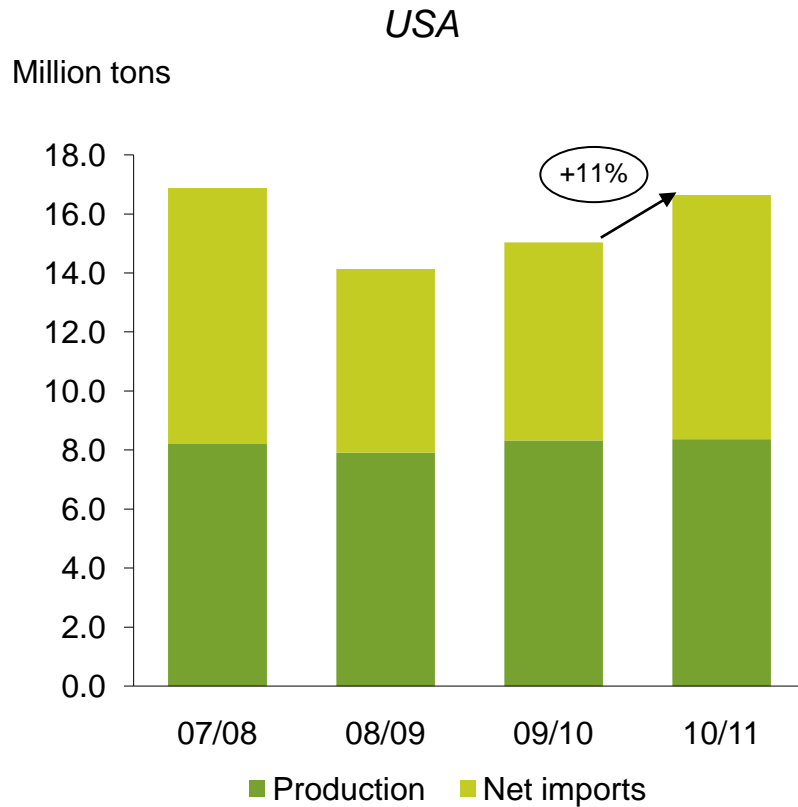
Source: FAO



IR - Date: 2011-09-02



Strong season with increased nitrogen deliveries

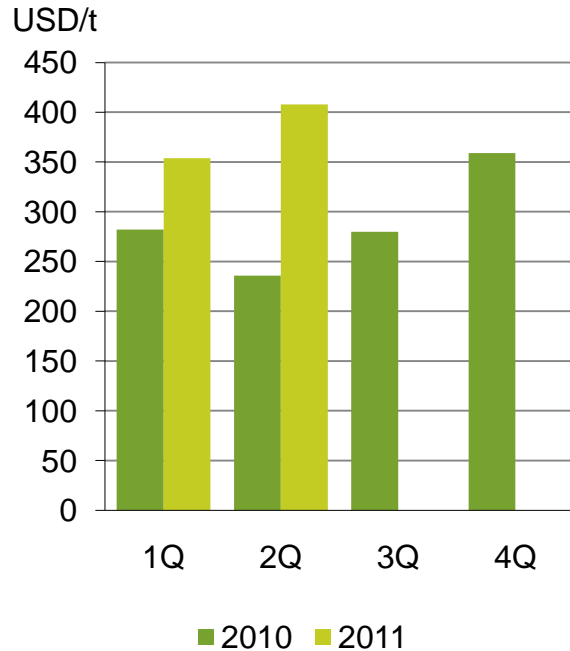


Source: Yara estimate for fertilizer deliveries to selected West European countries.
Total nitrogen deliveries estimate in USA based on TFI, US Trade Commission, Blue-Johnson

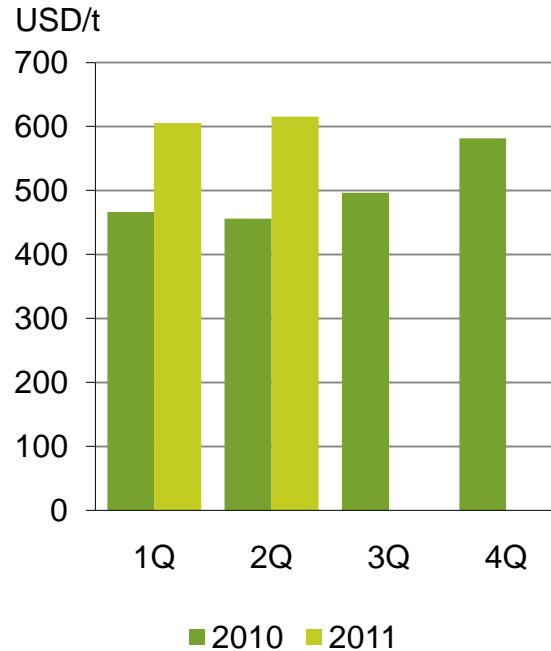


Strong market for all nutrients

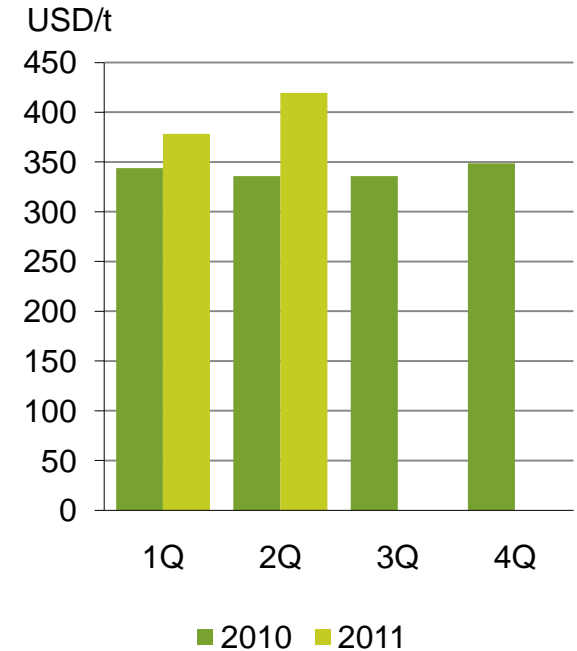
Urea prilled fob Black Sea



DAP fob US Gulf



MOP fob Vancouver



Source: Fertilizer Market Publications



IR – Date: 2011-09-02



Projected nitrogen capacity additions in line with historical consumption growth

Year	Driving regions		Urea capacity growth relative to nitrogen capacity	
	World	Excluding China	World	Excluding China
2010	China 50% Trinidad 8%	Trinidad 15% Iran 12%	2.5% (2.6%)	2.0% (2.0%)
2011	China 54% Pakistan 14%	Pakistan 30% Iran 15%	2.1% (2.2%)	1.5% (1.7%)
2012	China 56% Algeria 18%	Algeria 41% Qatar 17%	4.3% (4.3%)	3.1% (3.1%)
2013	China 40% UAE 13%	UAE 21% Iran 20%	2.2% (2.0%)	2.2% (2.0%)
2014	India 17% Indonesia 15%	India 16% Indonesia 15%	0.9% (0.8%)	1.6% (1.6%)
Gross annual addition 2011-2014				~2.1%
Assumed annual closures				~0.5%
Net annual addition 2011-2014				~1.6%
Trend consumption growth from 2001			2.7%	1.8%

Source: Fertecon update July 2011, IFA on consumption figures

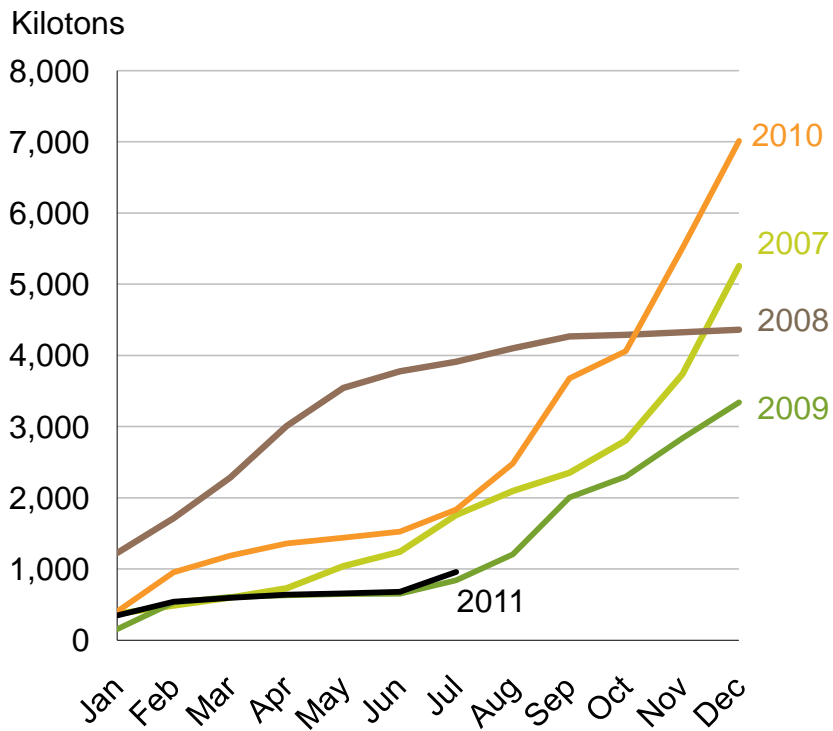


IR – Date: 2011-09-02

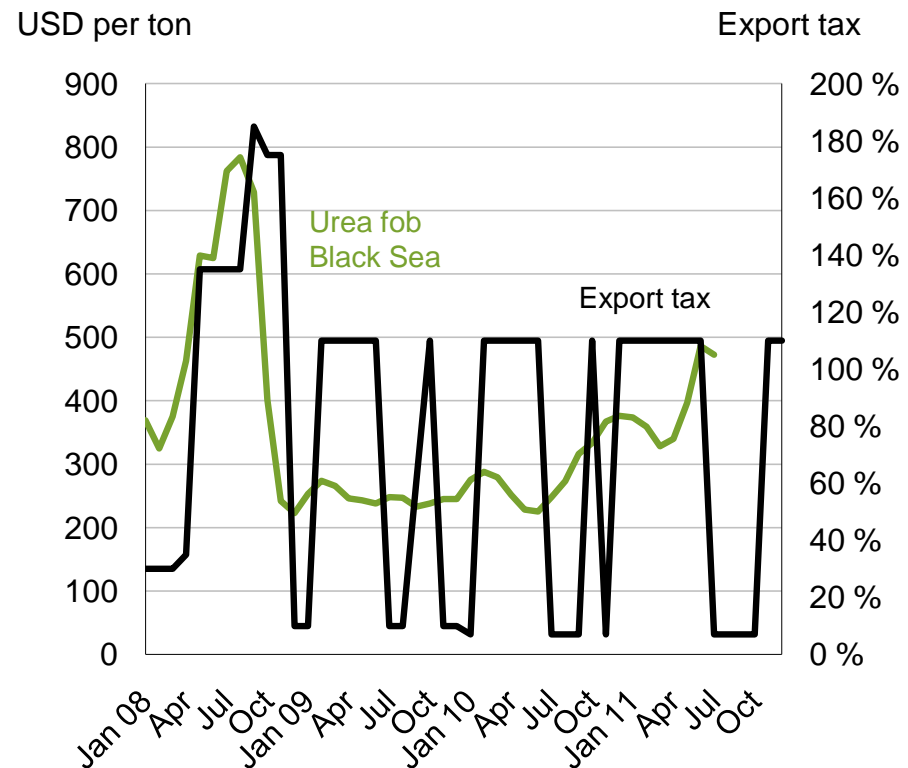


Chinese exports needed to balance the global market

Accumulated urea exports



Urea price and export tax



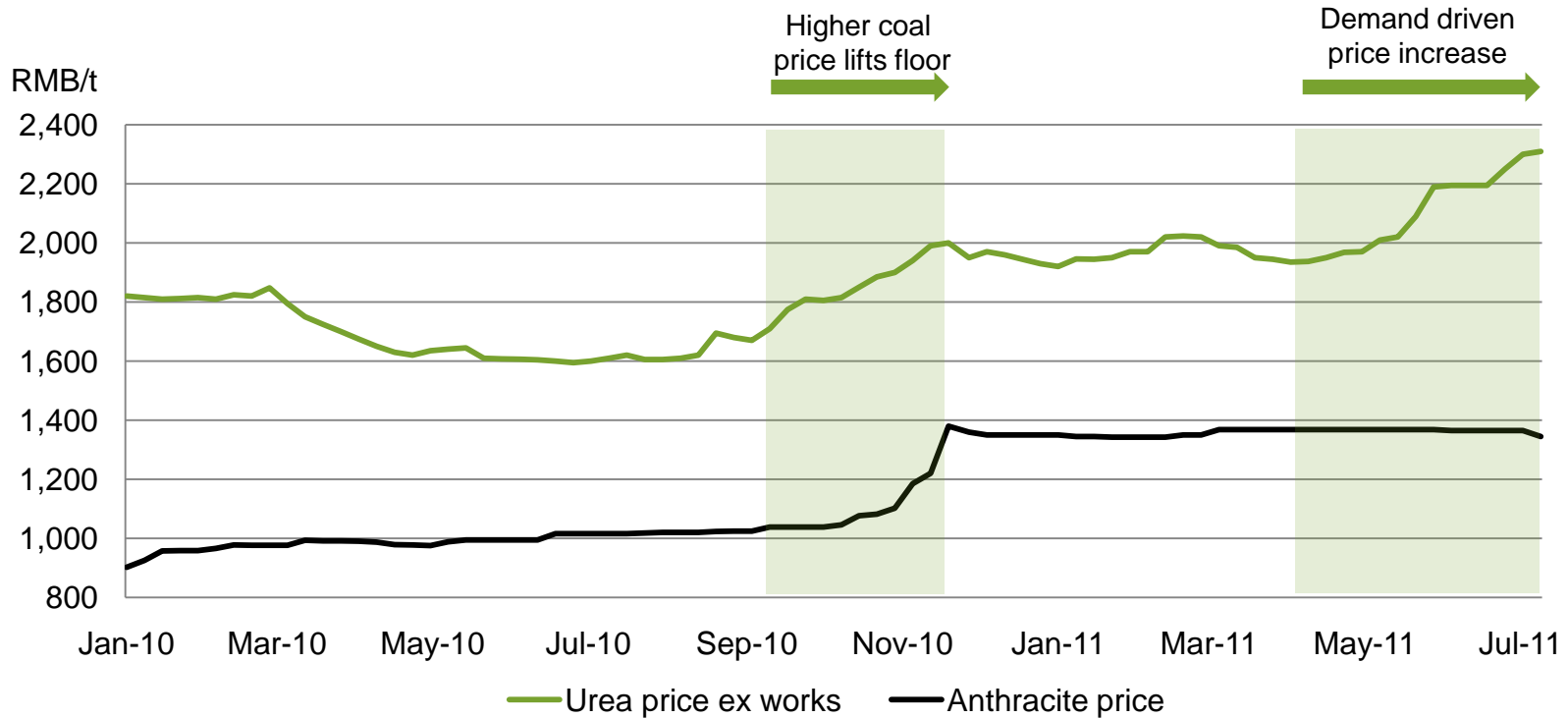
Source: BOABC



IR - Date: 2011-09-02



Increasing Chinese urea cost and price



Higher coal prices, increased exports and focus on emission control and energy efficiency has led to higher domestic urea prices

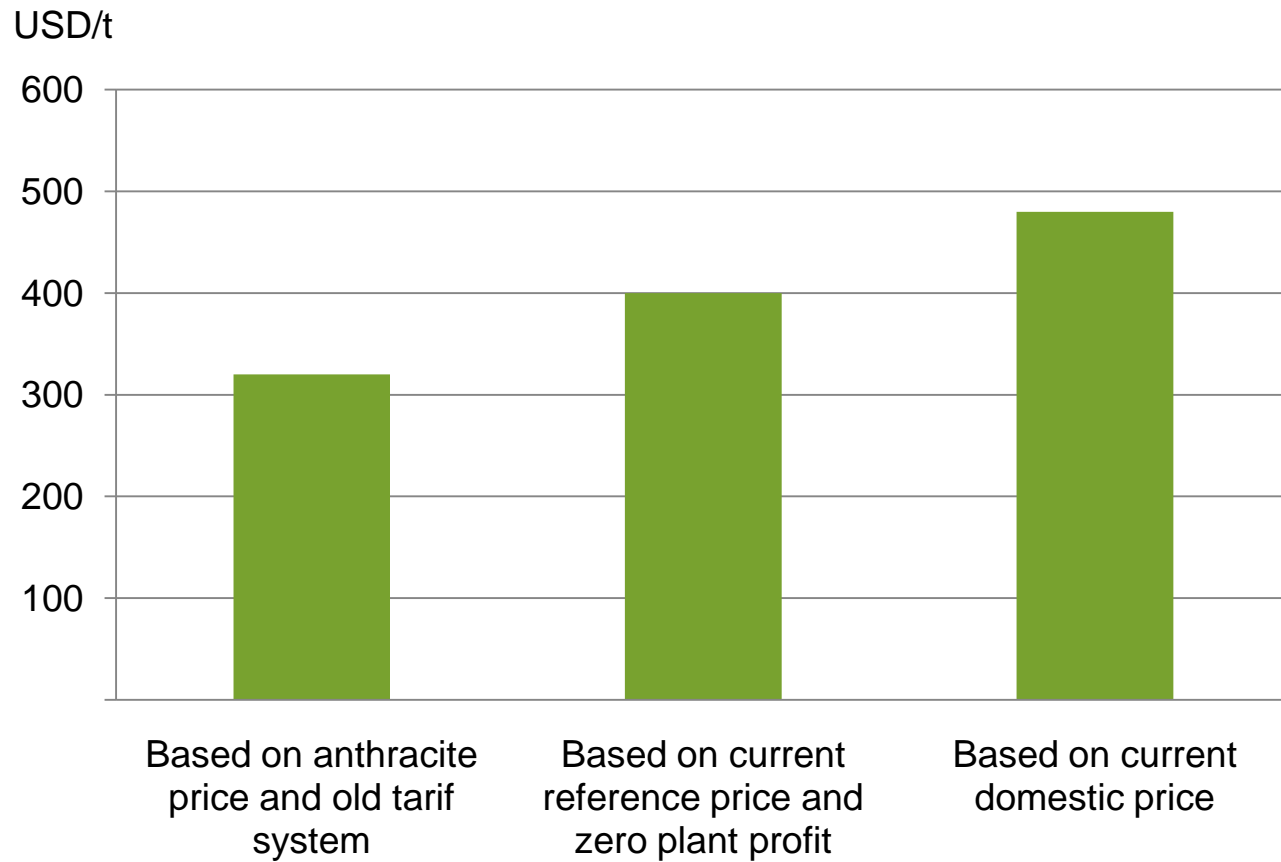
Source: China Fertilizer Market Week



IR – Date: 2011-09-02

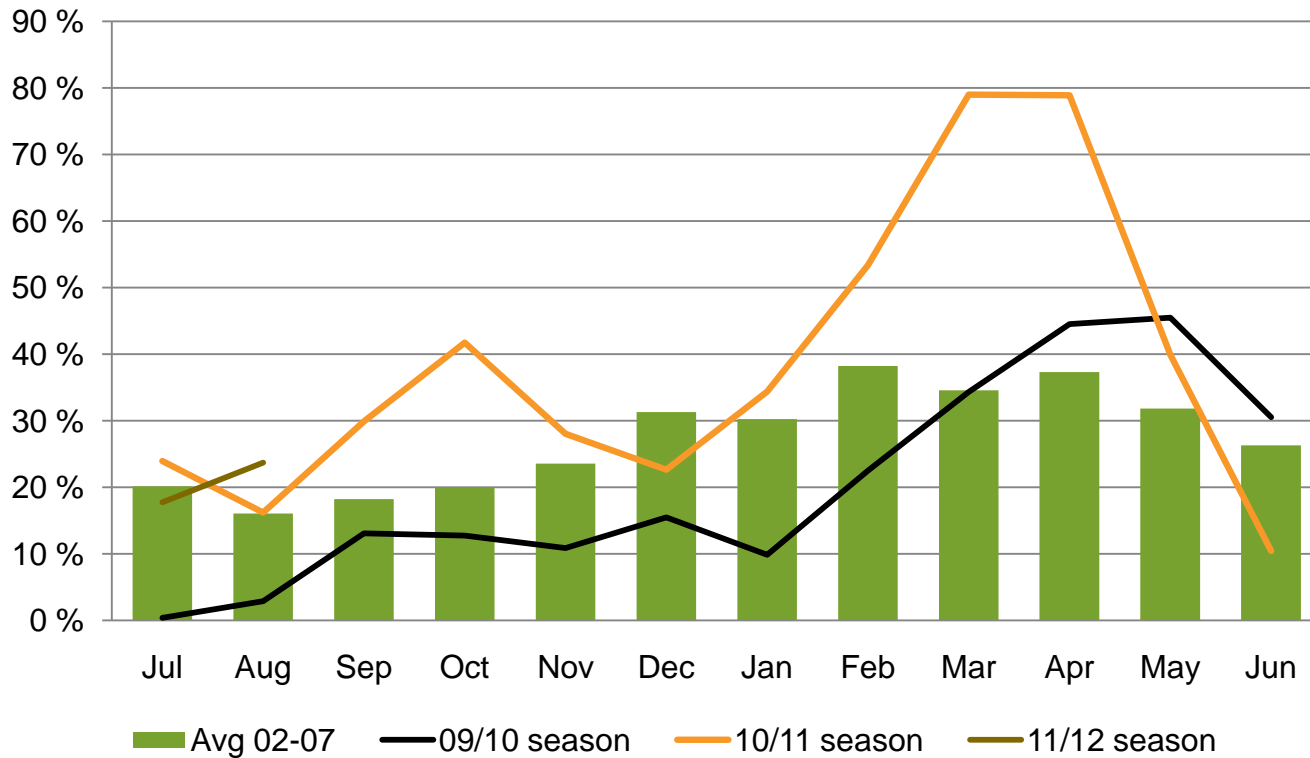


Chinese urea export price logic



Nitrate premium

Nitrate premium proxy*



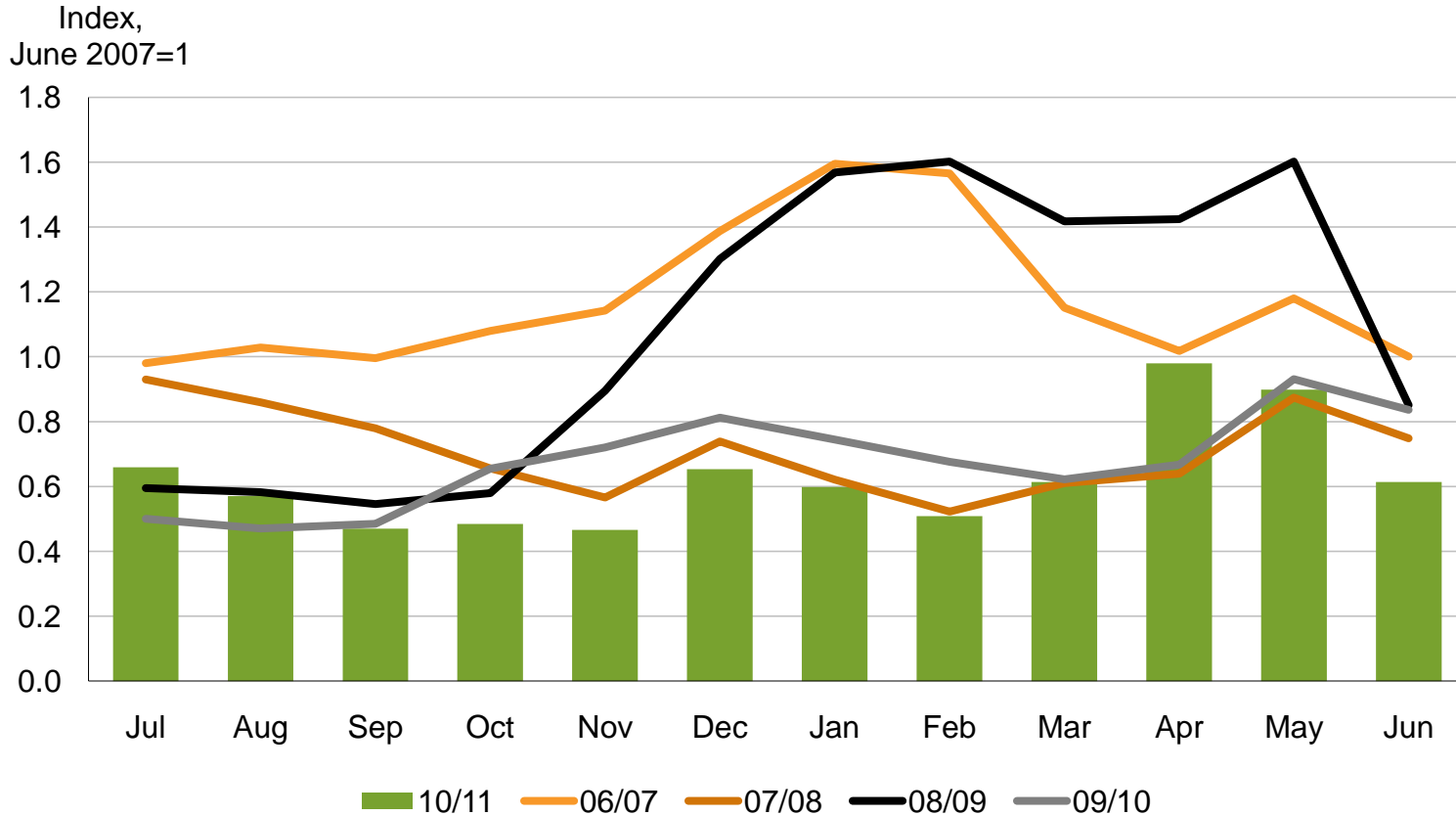
* Urea fob Black Sea adjusted for freight (USD 35) and duty (6.5%) to calculate a CFR NWE proxy



IR – Date: 2011-09-02



Low European producer nitrate stocks



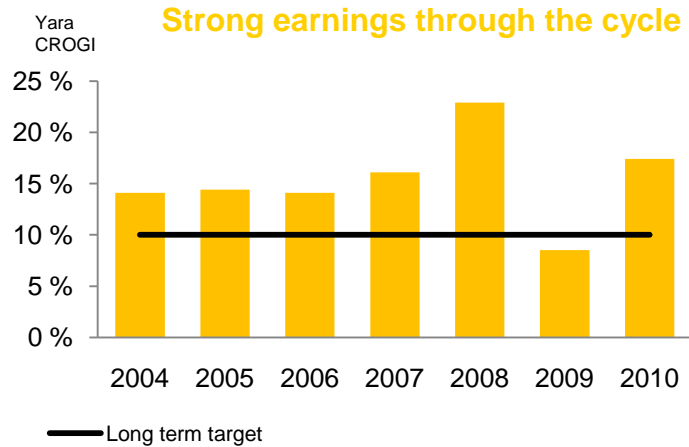
Source: Fertilizers Europe, June estimate from Yara



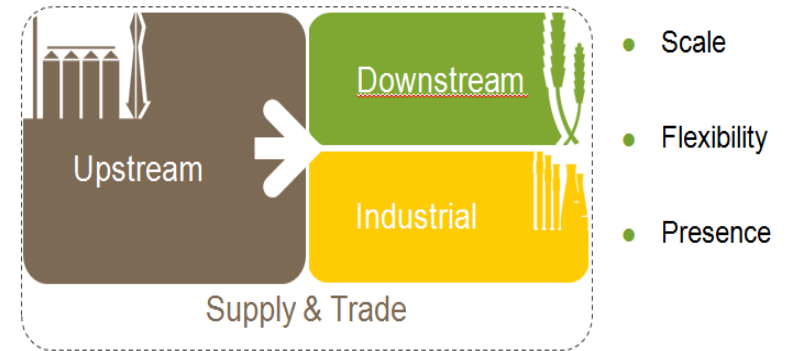
IR – Date: 2011-09-02



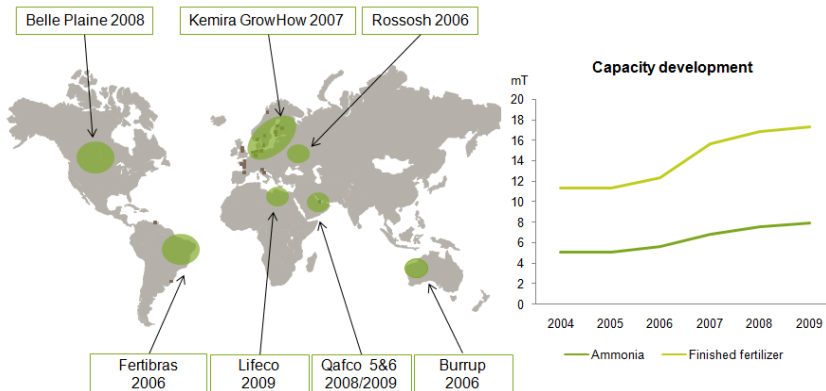
Basis for Yara's profitable growth ambitions



A scalable business model giving synergies



Industry-leading acquisition track-record



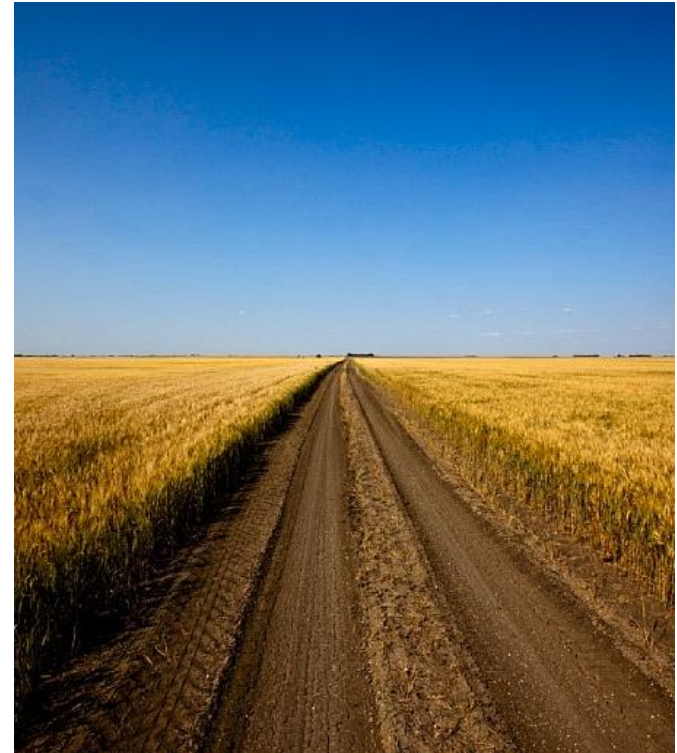
Valuation and capital discipline

- In acquisitions Yara looks for:
 - Relative synergies compared to alternative buyers
 - Distressed sellers
 - Our cycle view compared to seller & alternative buyers
- Capital and valuation discipline demonstrated with Terra withdrawal which we believe was right
- Grain, fertilizer and gas outlook has recently improved increasing nitrogen asset values



Well positioned for profitable operations and growth

- Strong need for sustainable improvements in agricultural productivity
- Flexible business model in volatile markets
- Products and solutions addressing climate change and water scarcity challenges
- Scalable business in a fragmented industry
- Proven and prudent growth track record



More information can be found at www.yara.com

YARA
Knowledge grows

Search

- About Yara
- Products and services
- Sustainability
- Investor Relations
- Careers
- Media

Select your country

LATEST PRESS RELEASES

Yara International ASA - Commercial paper issue 01.12.2009

SHARE PRICE ▶ 251,50 -3.27 ▼

NEW! FERTILIZER INDUSTRY HANDBOOK 2009

Timing is essential
Promoting sustainability and profitability
more Yara Stories

© 2009 Yara | [Contact us](#) | [Websites](#) | [Sitemap](#) | [Glossary](#) | [Privacy and legal](#) | [Newsfeed](#) | [A A A](#)



IR – Date: 2011-09-02



Yara sensitivities

	Operating Income USD million	EBITDA USD million	Operating Income NOK million	EBITDA NOK million	EPS** NOK
Urea sensitivity +100 USD/t	951	1,090	5,695	6,529	17.4
...of which pure Urea	300	389	1,797	2,330	6.3
...of which Nitrates	368	400	2,205	2,394	6.2
...of which NPK	230	249	1,380	1,493	3.8
Nitrate premium +50 USD/t	407	437	2,437	2,619	6.7
...of which pure Nitrates	292	314	1,750	1,883	4.8
Hub gas Europe + 1 USD/MMBtu	(90)	(110)	(530)	(620)	(1.7)
Currency + 1 NOK/USD	90	90	2,139	2,539	6.2
...of which translation effect	-	-	1,600	2,000	4.9
...and EUR & NOK net fixed cost	90	90	539	539	1.3
Ammonia + 100 USD/t	-	50	-	300	0.7
Phos rock + 50 USD/t	50	50	300	300	0.7
Hub gas North Am + 1 USD/MMBtu	(27)	(27)	(159)	(159)	(0.4)
Crude oil + 10 USD/brl	(80)	(80)	(479)	(479)	(1.3)

* Assuming NOK/USD = 6, USD/EUR = 1.36 and constant NOK/EUR

** Assuming 30% marginal tax rate on underlying business and 288.8 million shares

Sensitivities assume full production and no inter-correlation between factors



Price and currency assumptions in scenarios

	12 months to 30 Sep 10	5-year average to 30 Sep 10	Chinese swing*	Demand-driven**
Ammonia fob Black Sea (USD/t)	318	322	340	340
Urea prilled fob Black Sea (USD/t)	254	306	270	420
Nitrate premium (% above Nitrogen in Urea)	23%	32%	25%	25%
Phos rock fob North Africa (USD/t)	105	133	110	110
Zeebrugge natural gas (USD/MMBtu)	5.4	7.3	8.0	8.0
Henry hub natural gas (USD/MMBtu)	4.4	6.6	4.5	4.5
Brent blend crude oil price (USD/bbl)	74	74	85	85
Yara's European energy price (USD/MMBtu)	7.1	8.2	8.4	8.4
NOK/USD	6.0	6.1	6.0	6.0
USD/EUR	1.36	1.36	1.36	1.36

* Ammonia and urea prices equal to marginal producers' cash cost, energy prices are forward prices as of 26 November

** Given example to illustrate effect of urea price USD 150 per ton above marginal cost.



Simplified P&Ls for scenarios

NOK	12M to 30 Sep 2010 *	5-year average to 30 Sep 2010**	Chinese swing	Demand-driven
EBITDA	8,700	13,000	9,500	21,000
Depreciation	(2,500)	(2,500)	(2,500)	(2,500)
Net finance	(1,000)	(700)	(700)	(700)
Income before tax	5,200	9,800	6,300	17,800
Tax	(1,200)	(2,200)	(1,200)	(4,100)
Net income	4,000	7,500	5,100	13,700
Number of shares (millions)	288.8	288.8	288.8	288.8
Earnings per share (NOK)	14	26	18	47
Earnings per share (USD)	2.3	4.3	2.9	8.0

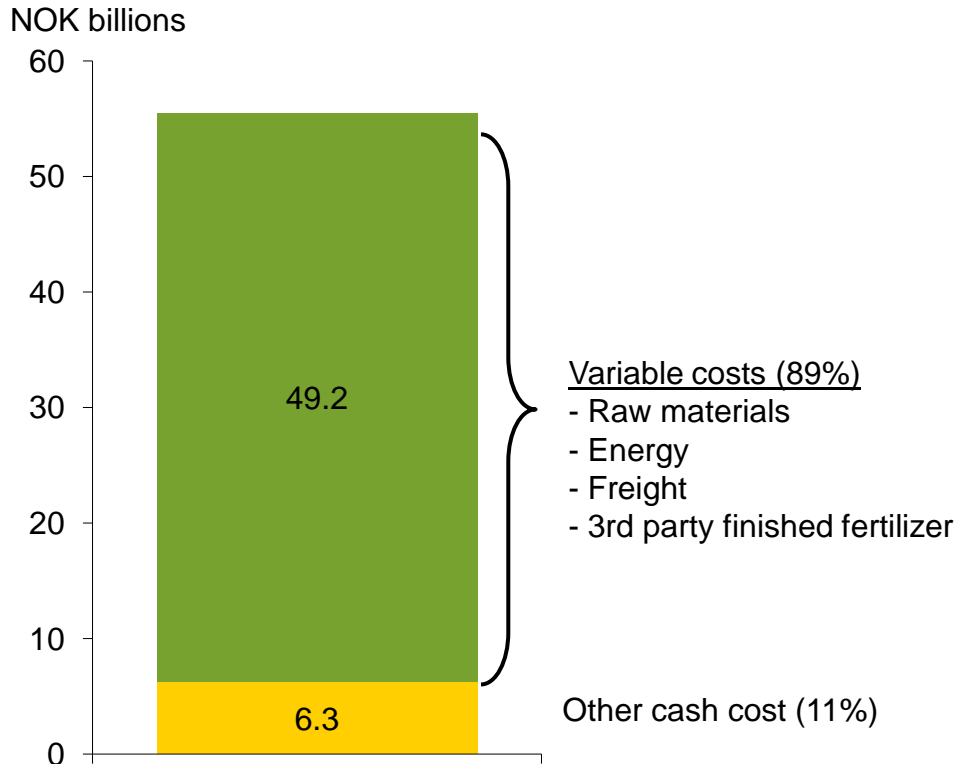
* Excluding foreign exchange gain/loss, special items and energy arbitrage

** Not historical earnings, but estimated earnings for today's Yara business, using 5-year average price conditions.



Yaras operating cash costs are mainly variable

Operating cash costs 2010



- Temporary plant closures can be made speedy and with limited stop/start costs
- Example for ammonia/urea plants:
 - Takes half a week to stop and a week to start
 - Cost of stopping is 2 days energy consumption
 - Cost of starting is 3 days energy consumption



Structure for Growth

Geographical Focus – Regional updates

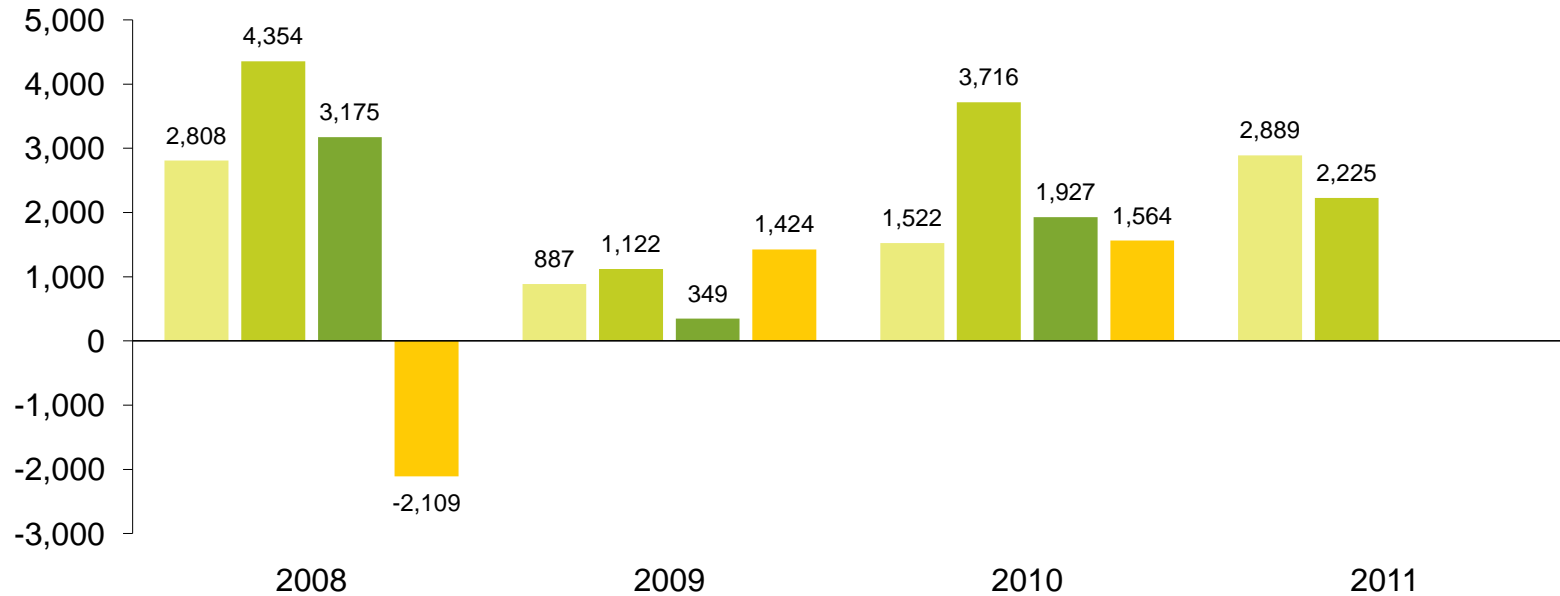
Market	Industry Characteristics	Yara focus and actions
North America	Consolidated	Market structure settled in short to medium term – map strategic intentions of key players in both market stress and boom scenarios and develop Yara response
West Europe	Mature, with some consolidation remaining; non-core assets available	One more major acquisition likely possible; look for assets made available by sellers dedicated to restructuring
Brazil	Capacity expanding, ownership shift, strong state interest/scrutiny	As the battle has been for phosphate dominance, a role as industry shaper in nitrogen could be attainable; map alternatives for achieving such a role
East Europe	Consolidation and rationalization yet to take place	Potentially attractive producers and market positions exist; map and rank these in light of energy situation and political risk
China	Over-supply, capacity expanding, limited consolidation, heavy state involvement	Given intense competition, high political risk, market barriers, unlikely to be investment destination for at least 3 – 5 years
India	Some consolidation, feed-stock poor, still subsidy driven	Unless major changes in subsidy policy, not likely to be focus area for fertilizer in the short to medium term. TAN is possible exception

In addition opportunities to build global plants for export are being pursued in areas like Africa and Middle East



Net income after non-controlling interests

NOK millions



Annual

NOK millions	8,228	3,782	8,729	5,114
--------------	-------	-------	-------	-------

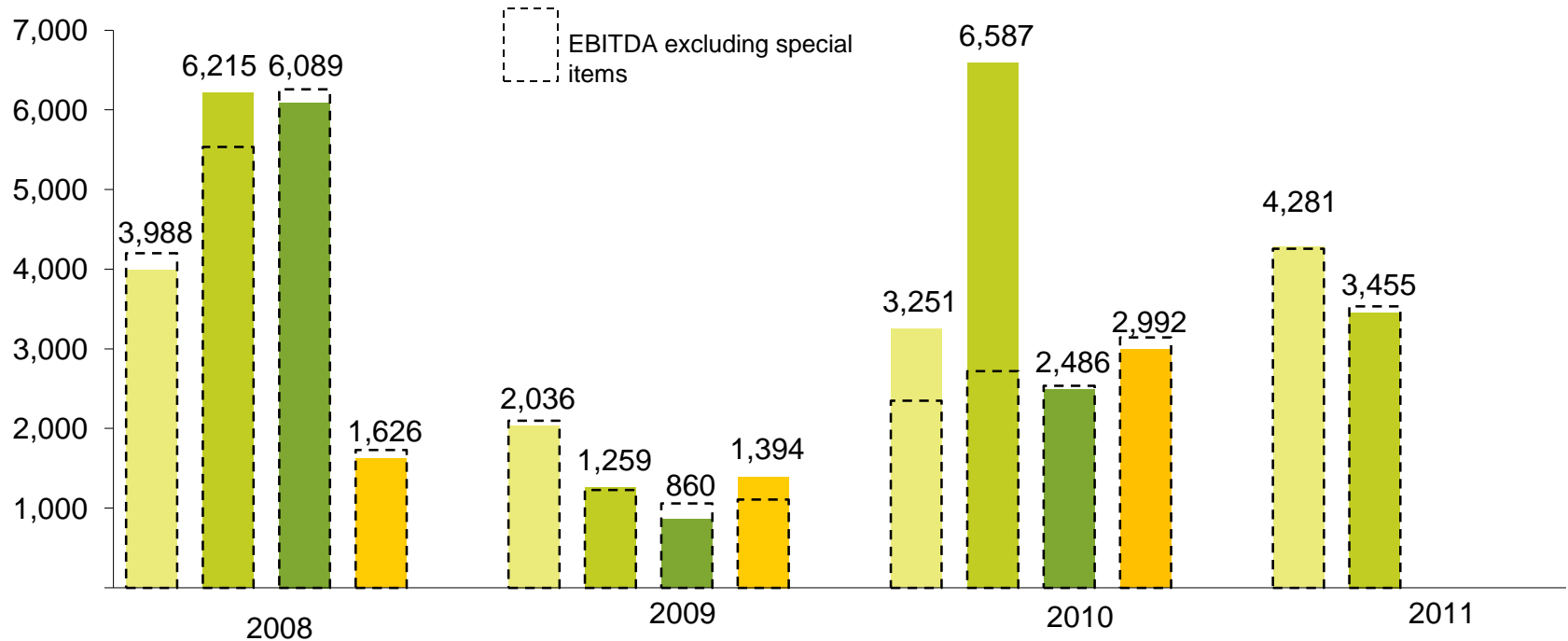


IR – Date: 2011-09-02



Earnings before interest, tax, depreciation and amortization (EBITDA)

NOK millions



Annual

NOK millions	2008	2009	2010	2011
	17,917	5,549	15,315	7,736

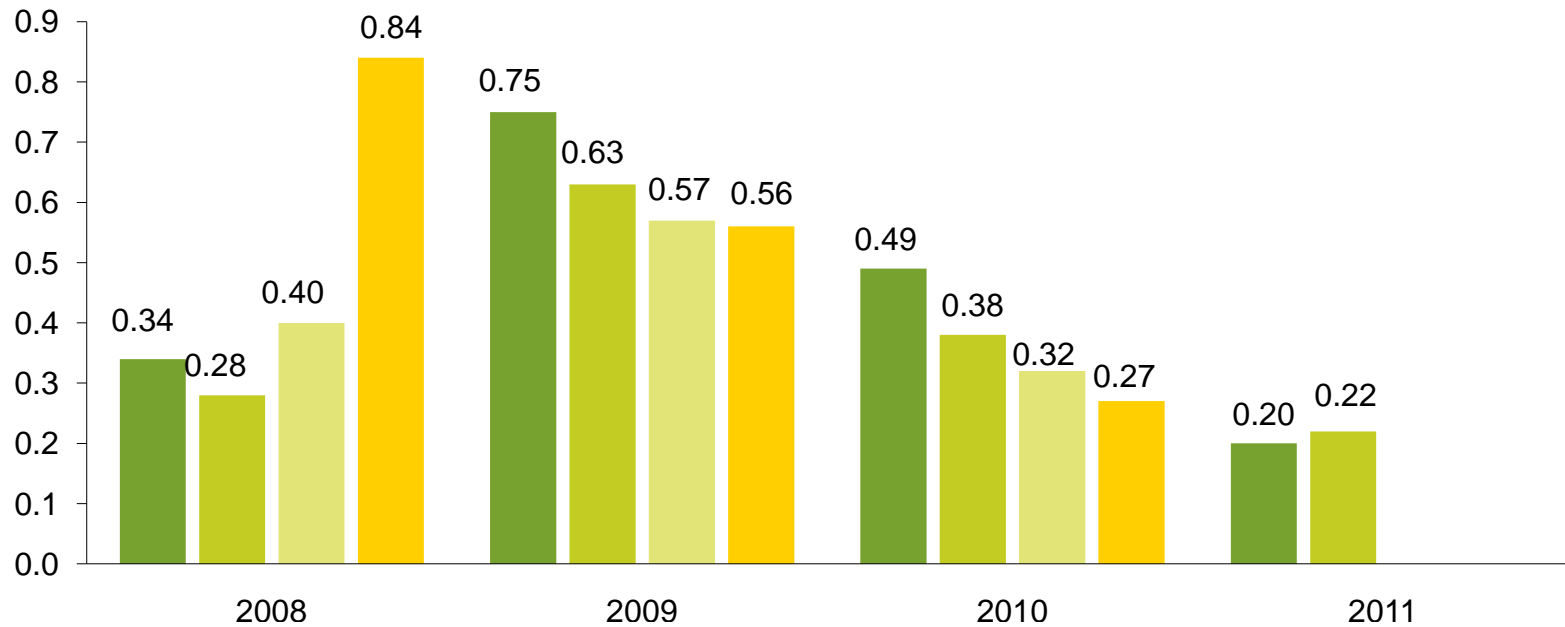


IR – Date: 2011-09-02

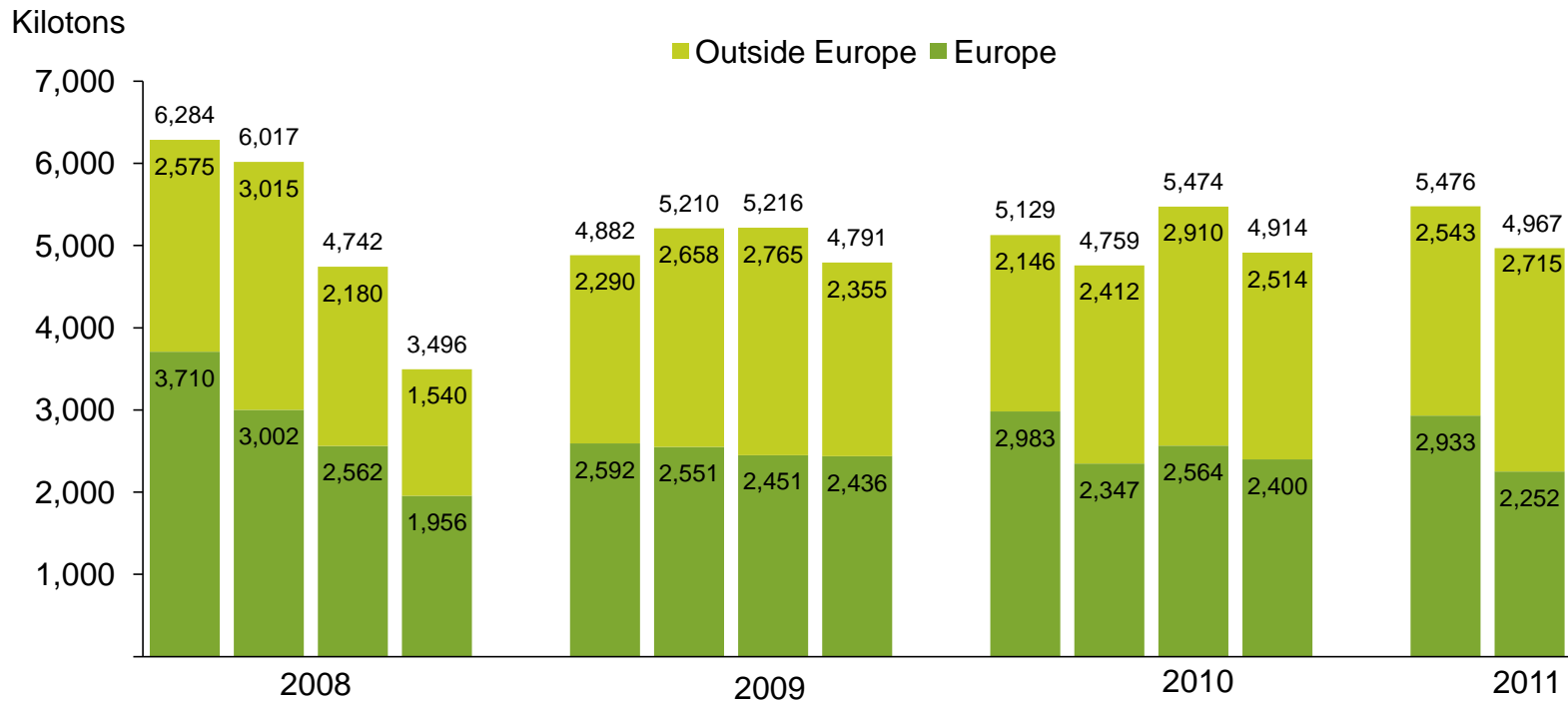


Debt/equity ratio

Net interest-bearing debt / equity ratio (end of period)



Fertilizer volumes up 4% on last year



Accumulated, Kt

Fin. fertilizer	20,540	20,099	20,276	10,443
-----------------	--------	--------	--------	--------

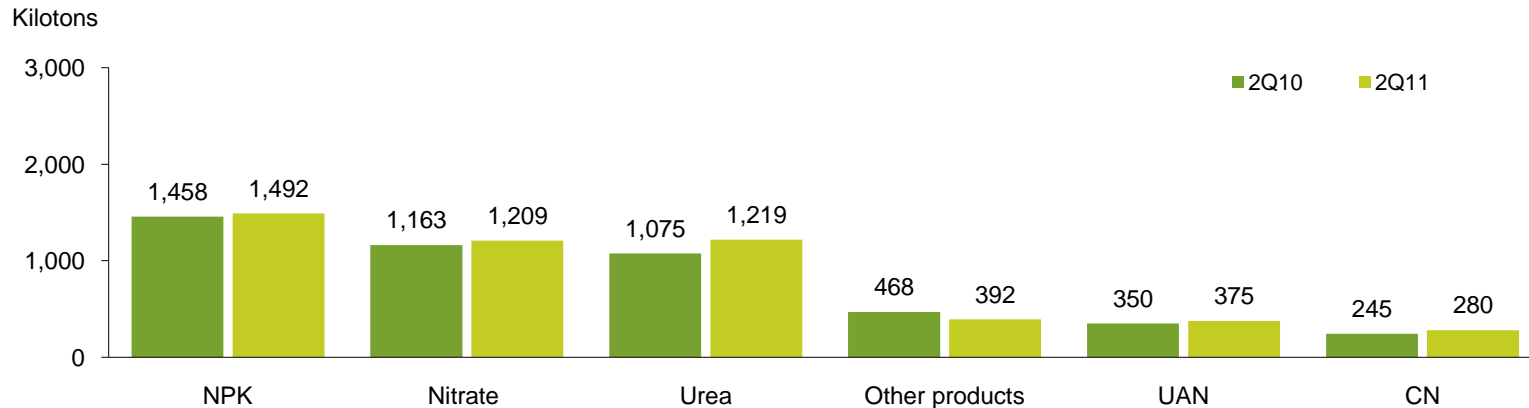
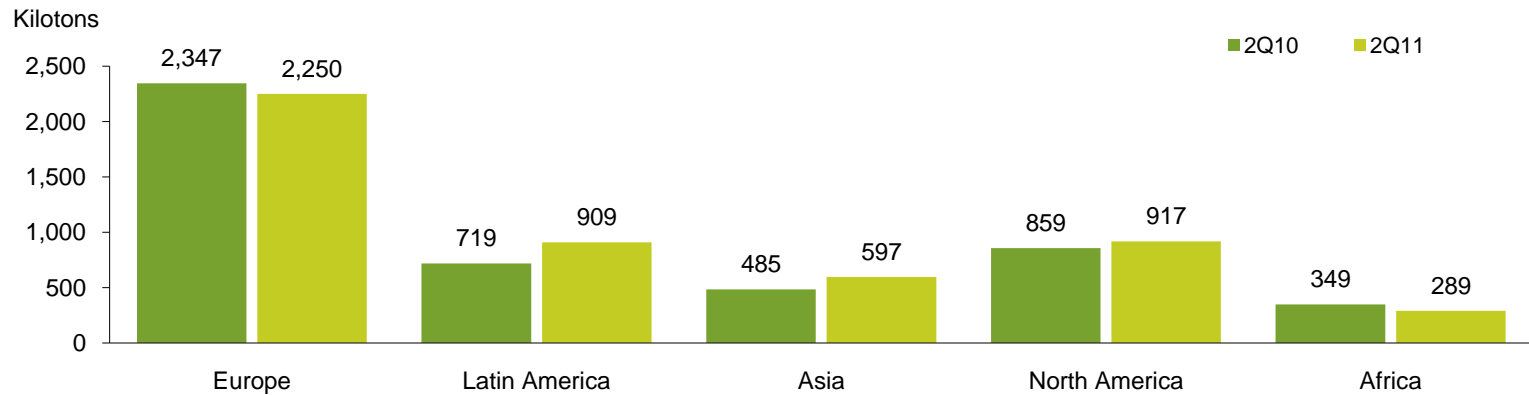


IR – Date: 2011-09-02



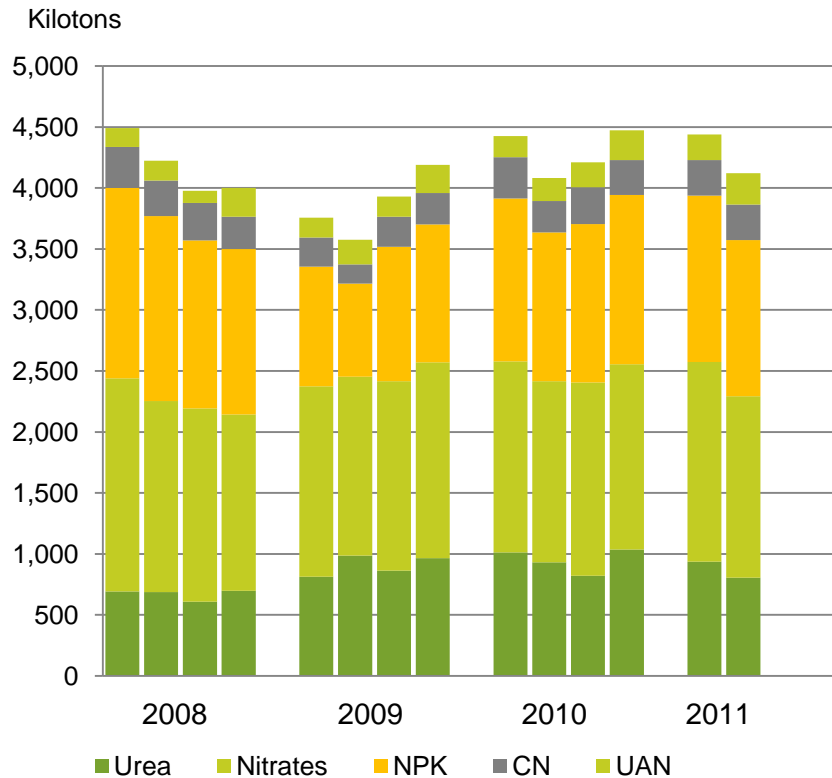
Yara 2Q fertilizer sales by market and product

2011: 5.0 million tons (2010: 4.8 million tons)

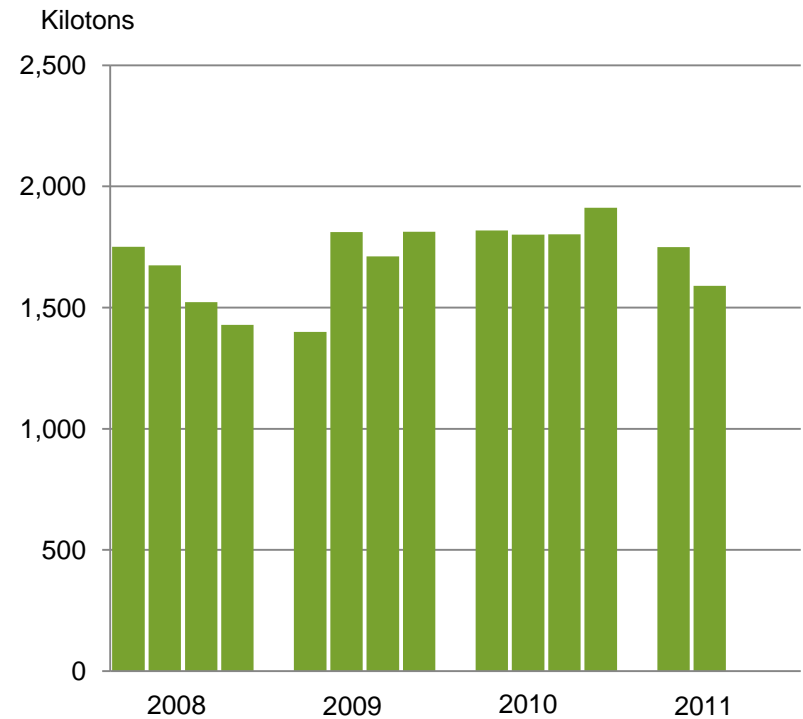


Yara – production volume*

Finished fertilizer



Ammonia



* Including share of equity-accounted investees

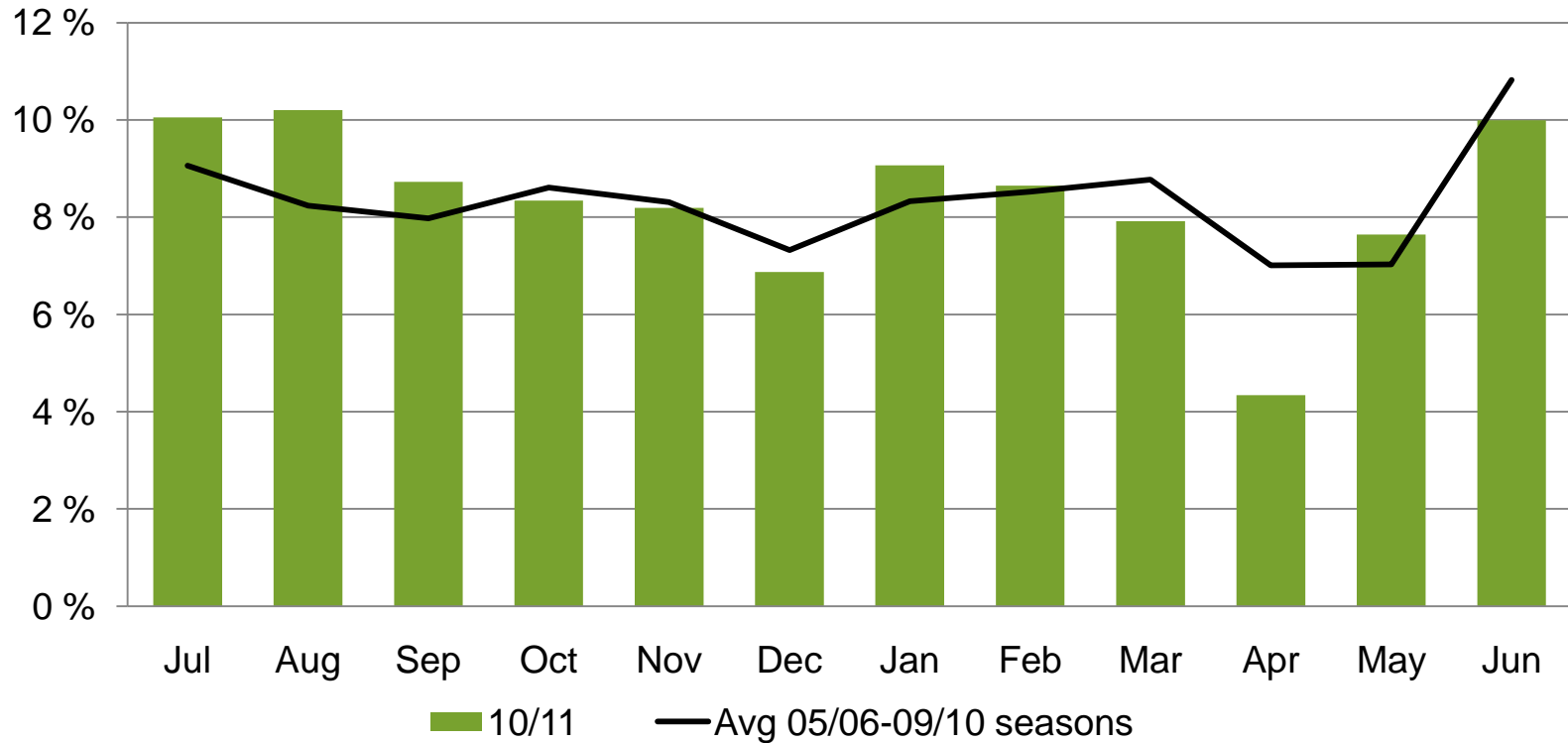


IR – Date: 2011-09-02



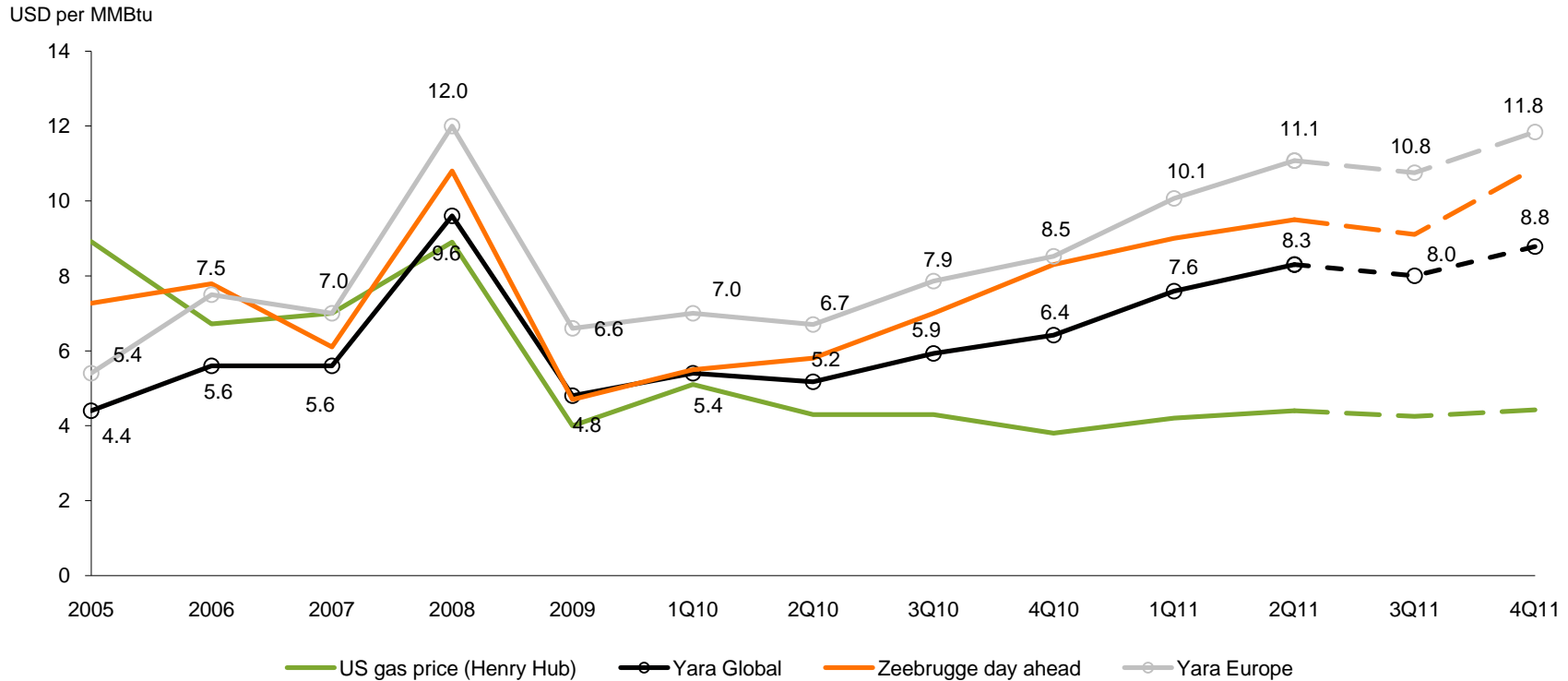
Yara nitrate sales

Share of annual sales



Spot natural gas versus Yara average

Yearly averages 2005 – 2009, quarterly averages for 2010 and 2011 with forward prices for 2011*



*Dotted lines denote forward prices as of 11 July

Source: Yara, World Bank, Platts

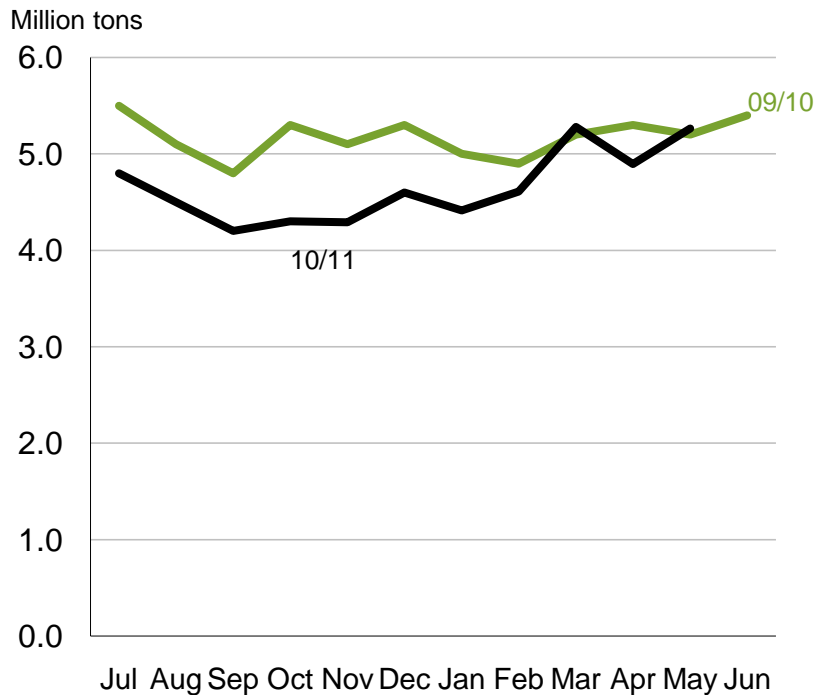


IR – Date: 2011-09-02

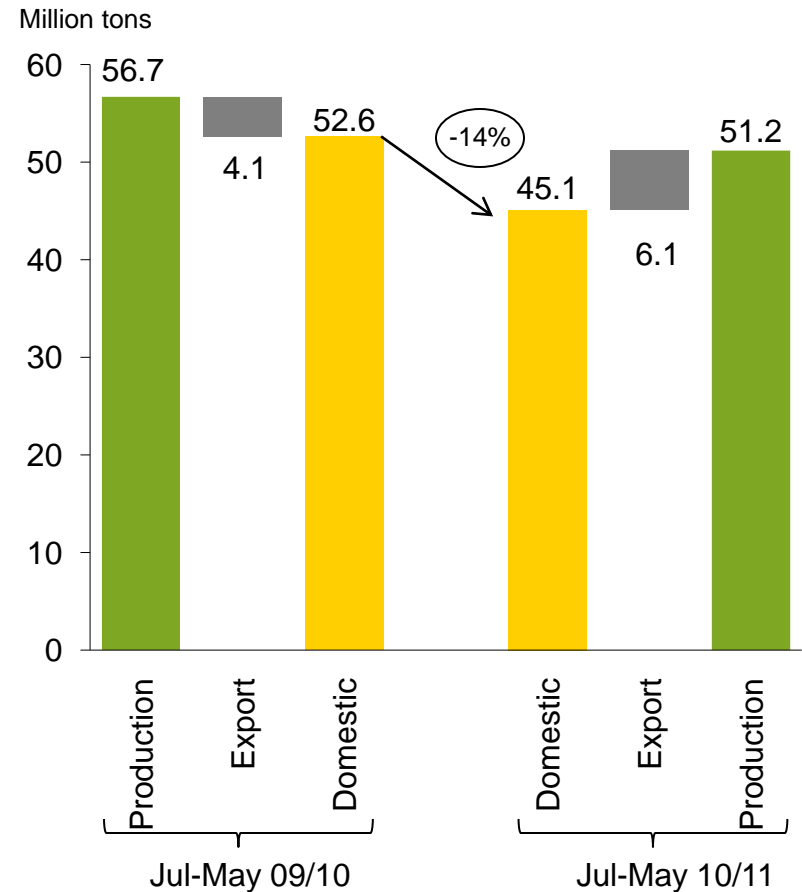


Domestic urea supply from producers – July to May down 14%

Chinese urea production



Domestic urea balance



Source: BOABC

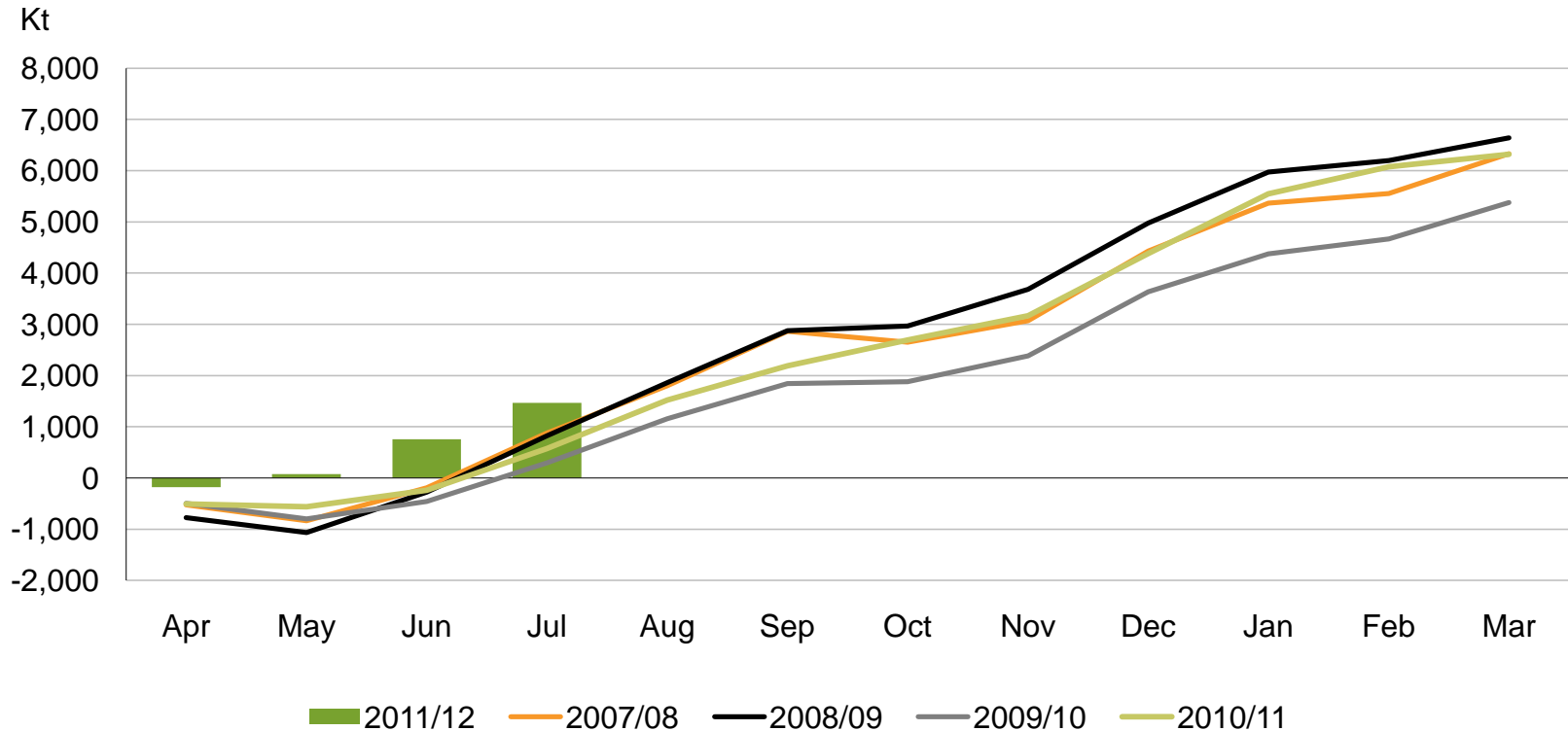


IR – Date: 2011-09-02



Import need returning to the peak level of 08/09

Sales - Production



- Kharif (July planting) – imports Apr-Sep
- Rabi (November planting) – imports Oct-Jan

Source: Indian Statistics



IR – Date: 2011-09-02



Structure for Growth

Geographical Focus – Regional updates

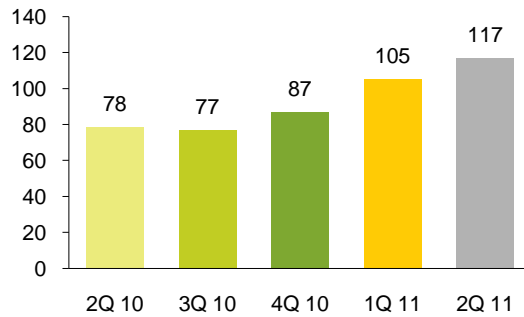
Market	Industry Characteristics	Yara focus and actions
North America	Consolidated	Market structure settled in short to medium term – map strategic intentions of key players in both market stress and boom scenarios and develop Yara response
West Europe	Mature, with some consolidation remaining; non-core assets available	One more major acquisition likely possible; look for assets made available by sellers dedicated to restructuring
Brazil	Capacity expanding, ownership shift, strong state interest/scrutiny	As the battle has been for phosphate dominance, a role as industry shaper in nitrogen could be attainable; map alternatives for achieving such a role
East Europe	Consolidation and rationalization yet to take place	Potentially attractive producers and market positions exist; map and rank these in light of energy situation and political risk
China	Over-supply, capacity expanding, limited consolidation, heavy state involvement	Given intense competition, high political risk, market barriers, unlikely to be investment destination for at least 3 – 5 years
India	Some consolidation, feed-stock poor, still subsidy driven	Unless major changes in subsidy policy, not likely to be focus area for fertilizer in the short to medium term. TAN is possible exception

In addition opportunities to build global plants for export are being pursued in areas like Africa and Middle East

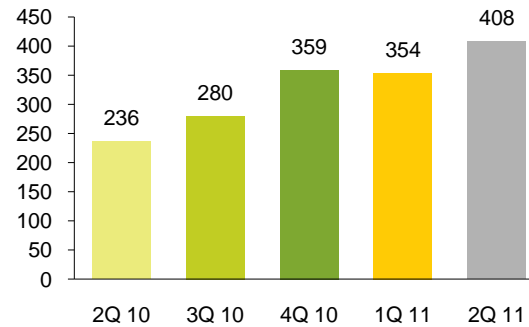


Key value drivers – quarterly averages

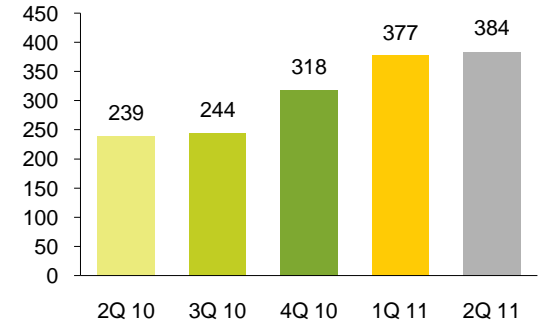
Oil Brent blend spot (USD/bbl)



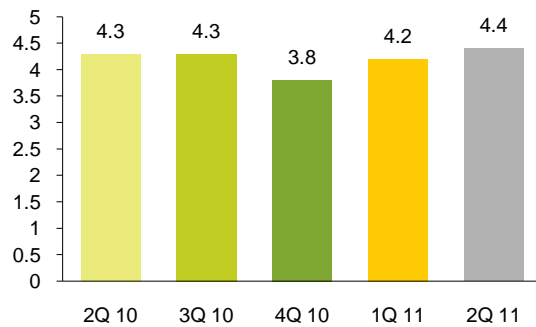
Urea prilled fob Black Sea (USD/t)



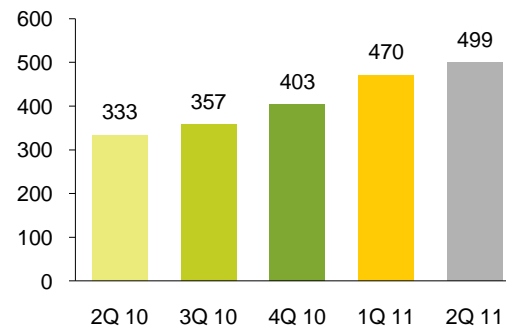
CAN cif Germany (USD/t)



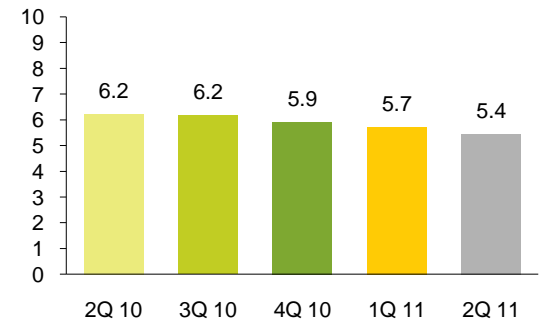
US gas price Henry Hub (USD/MMBtu)



Ammonia fob Black Sea (USD/t)



NOK/USD exchange rate

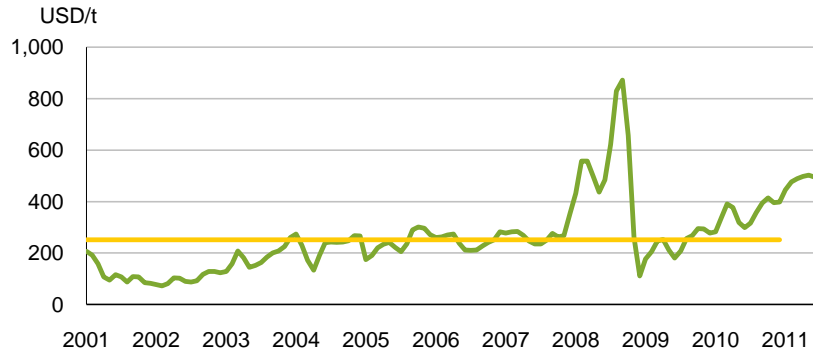


Source: Fertilizer Market Publications, CERA, World Bank, Norges Bank

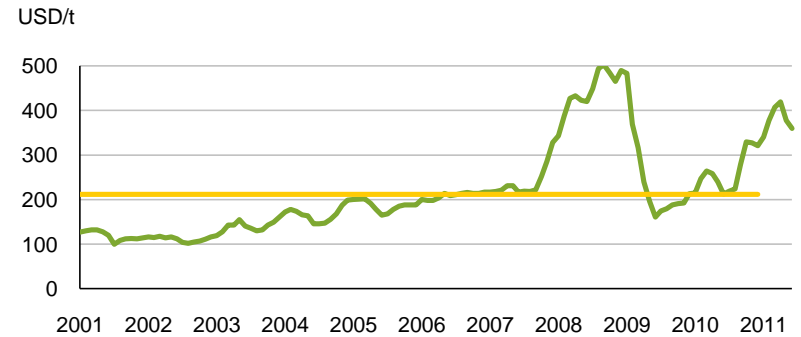


10-year fertilizer prices – monthly averages

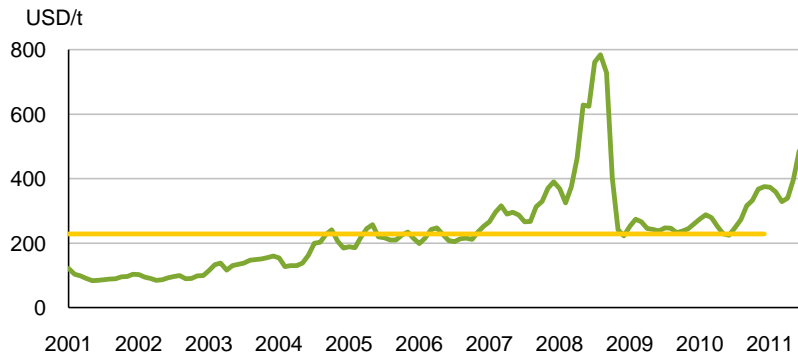
Ammonia fob Black Sea



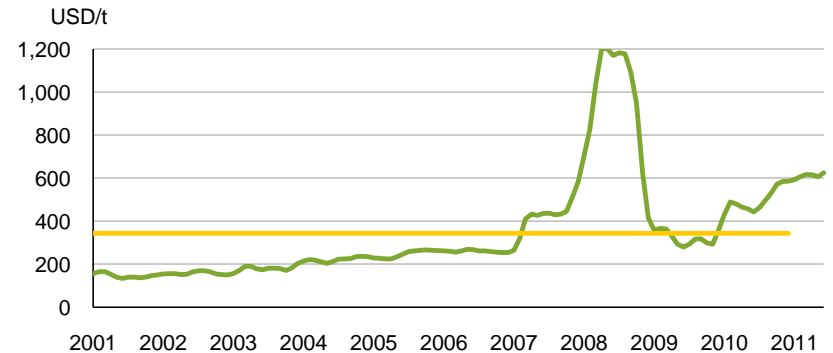
CAN cif Germany



Urea prilled fob Black Sea



DAP fob , US Gulf



— Average prices 2001 - 2010

Source: Average of international publications



IR – Date: 2011-09-02

