

W. P. O'Neill Jr.

International Raw Materials Ltd.

The Good Old Days

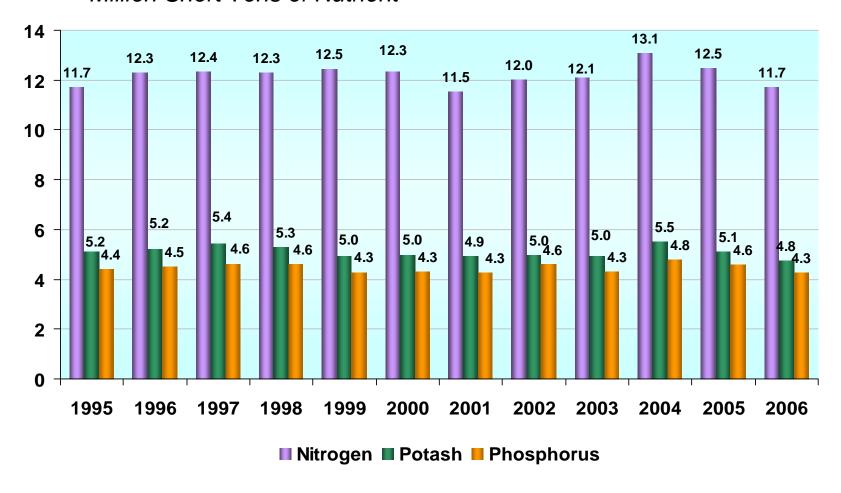




U.S. Fertilizer Consumption



Million Short Tons of Nutrient



IFA Data Bank - Fertilizer Year



Peter Drucker

1919 - 2005

"Goods and services are increasingly global, even if your market is purely regional, purely local. Your potential competition overnight can be from anyplace in the world. Someone has a nice niche in a regional market in Dayton, Ohio. Overnight, somebody from Denmark takes over the market."

1 January 2000 - WSJ

The Avalanche



"Who would have thought five years ago that 50% of the U.S.'s Nitrogen production would be shut down today?"

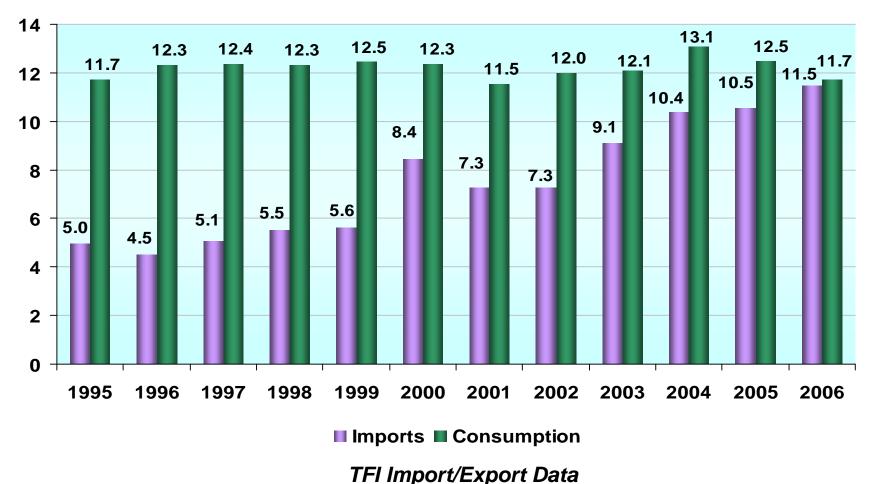
Senior U.S. Fertilizer Executive - Spring 2005



U.S. Nitrogen Imports vs. Consumption



Million Short Tons of Nutrient



IFA Data Bank - Fertilizer Year

A Peddler's Perspective



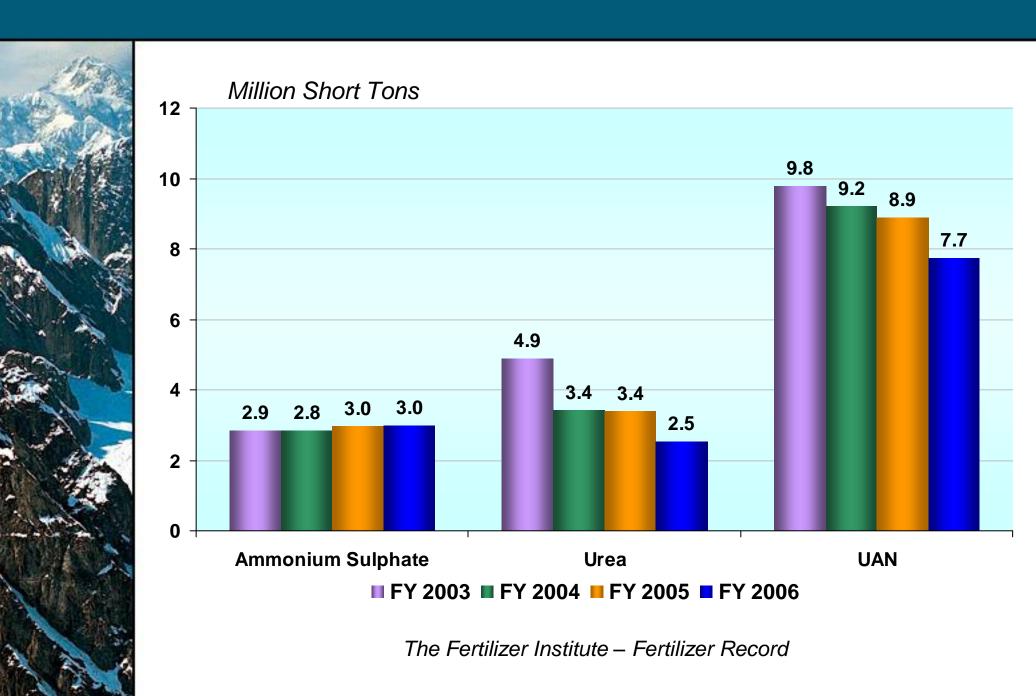
Major Supply Disruption

New Trading Patterns

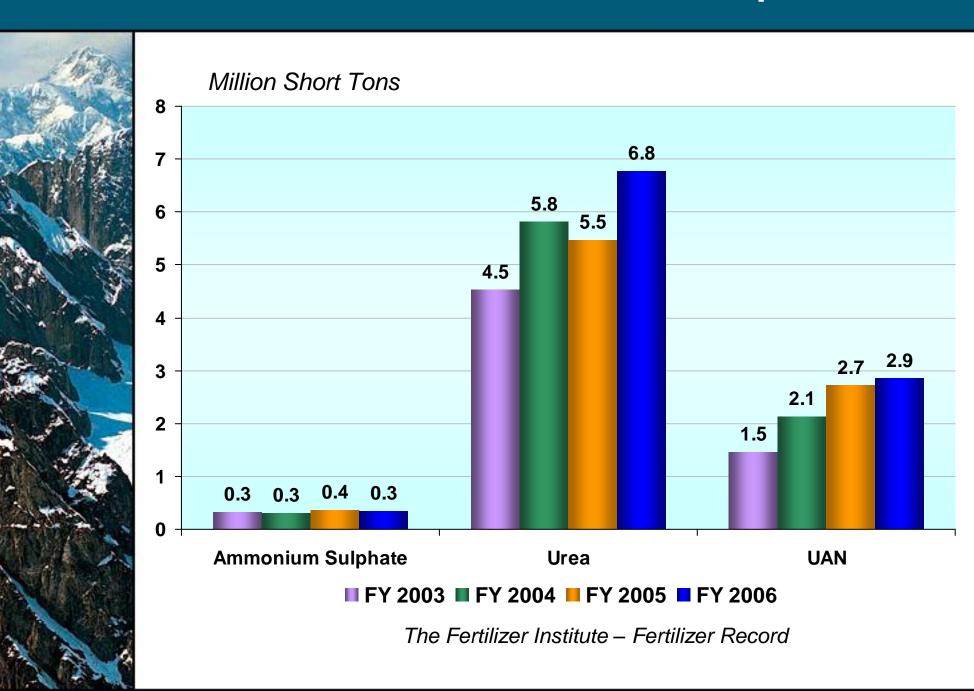
Dramatic Impact On Distribution

New Ag Retail Challenges

U.S. Fertilizer Production



U.S. Fertilizer Imports



Gone and Mostly Forgotten



- Agway
- Arcadian
- Borden
- Chevron
- Coastal Chem
- Farmland
- FirstMiss
- Freeport
- IMC Global
- Kalium
- LaRoche

- Mississippi Chemical
- Mobil
- Mulberry Phosphates
- Nu-West Industries
- Occidental Chemical
- Royster Clark
- Texasgulf
- Unocal
- US Chem
- Viridian
- Vigoro



TFI Winter Meeting 1995

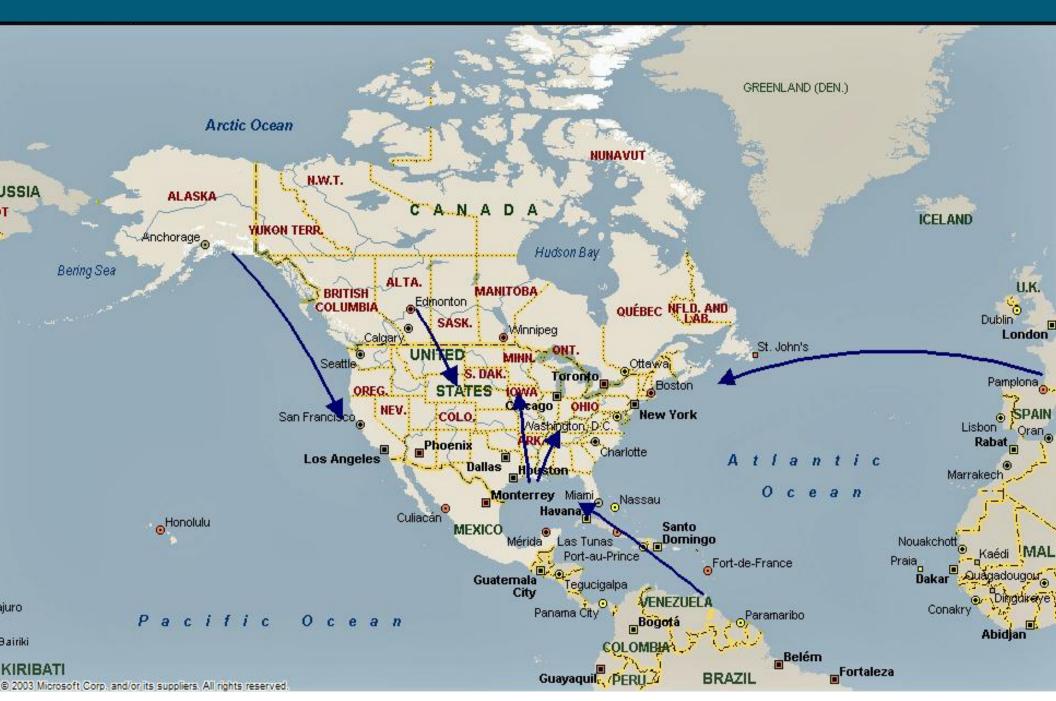
Say What?



- Abu Qir
- Achema
- Acron
- Agrolinz Melamin
- Amonil
- Asmidal
- Asean Bintulu
- Cherepovets
- Cherkassy
- Eurochem

- Fertilizantes
 Nitrogenados
- Grodno
- Novomoskovsk Azot
- PIC
- Profertil S.A.
- Pulawy
- QAFCO
- SABIC
- Sichuan Chemical
- Togliatti

Nitrogen Trade - 1995



Nitrogen 2006



The New Fertilizer Terrain



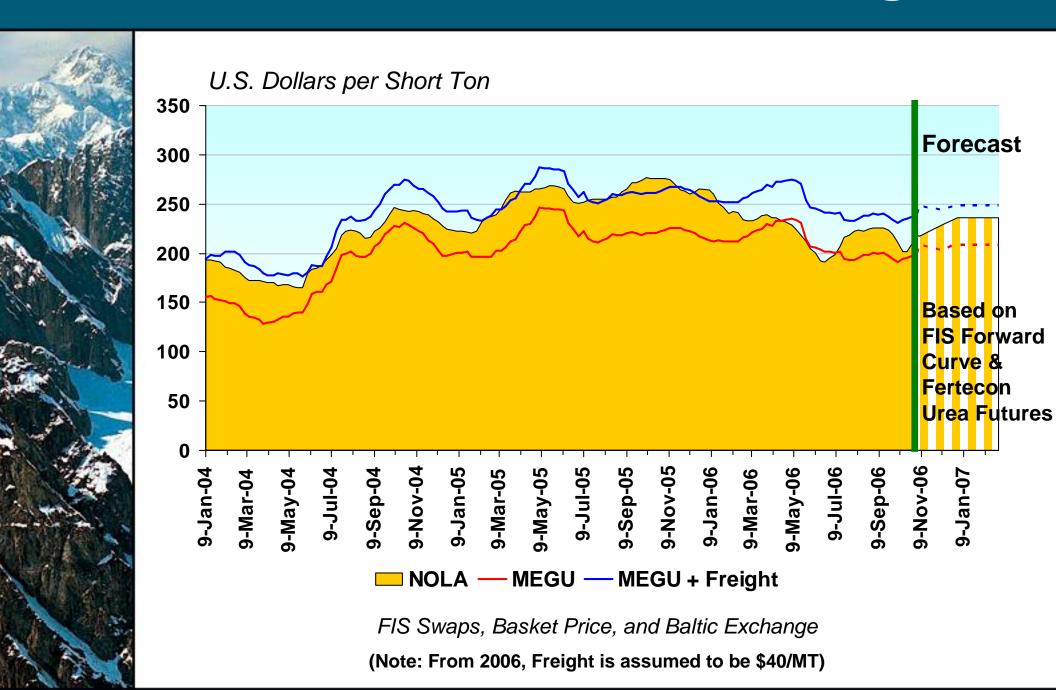
 World Markets Are Driving Domestic North American Prices.

 Emerging Nations Are Dominating Production.

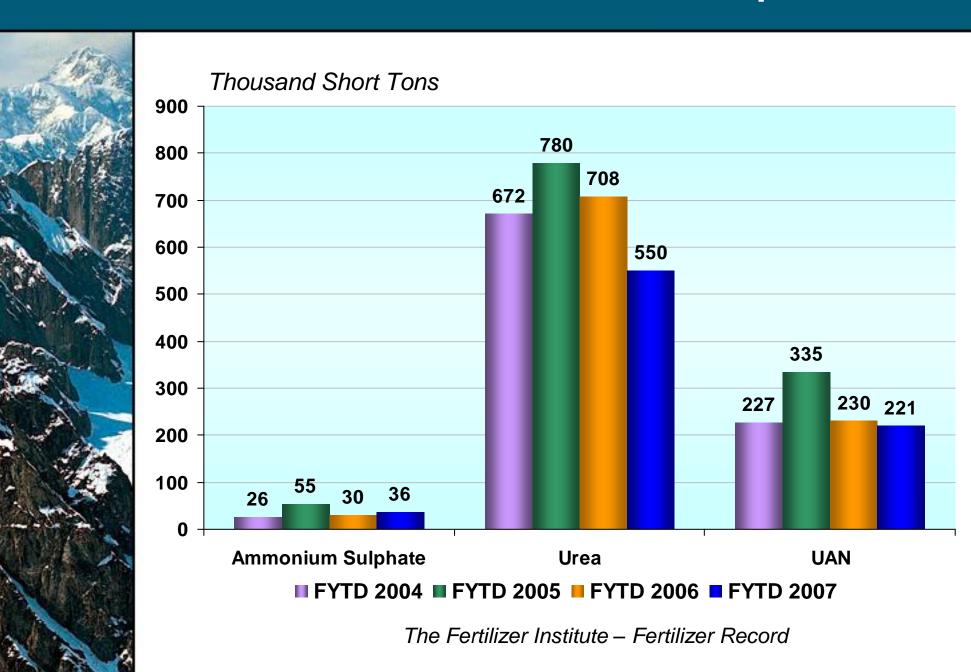
Supply Lines Are Dramatically Longer.

Prices Are Much More Volatile.

NOLA vs. MEGU + Freight



U.S. Fertilizer Imports



Transportation Challenges



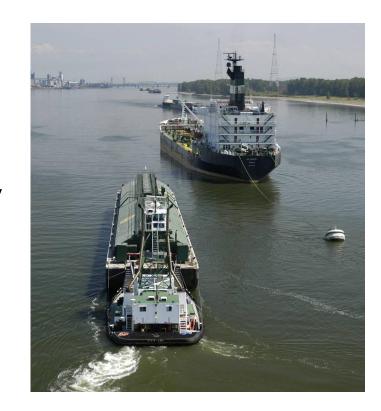
Limited Import Infrastructure

• 106 + 44 = 150 Ethanol Plants

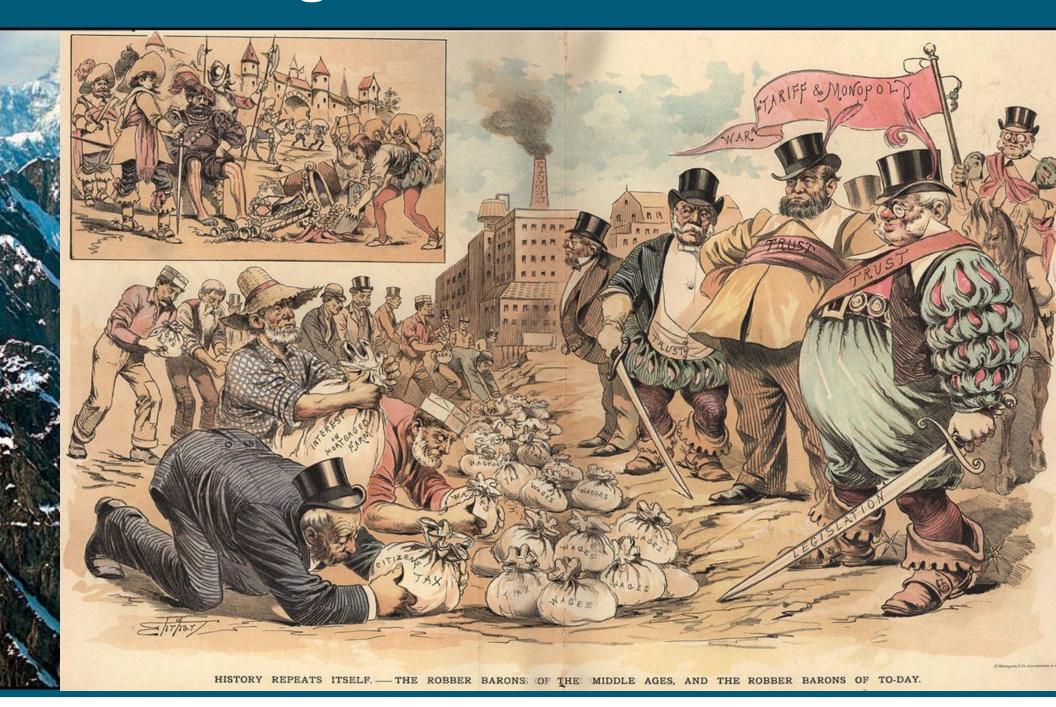
Biodiesel looming

Limited Barge Capacity

Indifferent Rail Service



Rail Negotiations – Circa... 2006



Retail Consolidation



"We Will Bury You"

"There are too many fertilizers retailers in North America. We are going to deal with that."



Senior Fertilizer Executive
Summer 2000

Nikita Khrushchev November 1956

CropLife 100: 2000 Data

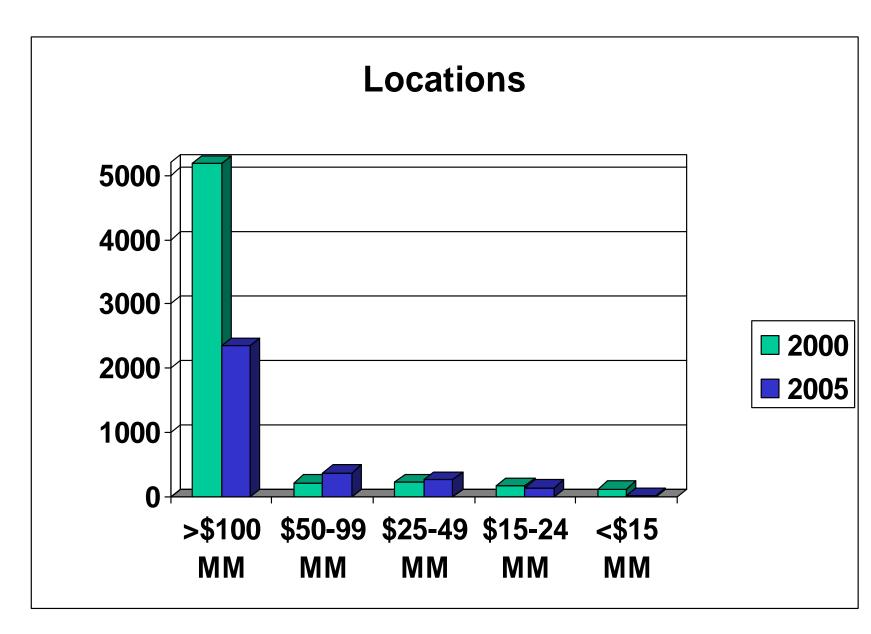
Class #	<u>Companies</u>	<u>Locations</u>	% of Total Locations
>\$100 MM	17	5,182	88%
\$50 - 99 MM	10	213	4%
\$25 - 49 MM	19	224	4%
\$15 - 24 MM	26	164	3%
<\$15 MM	28	119	2%
Total	100	5,902	100%

CropLife 100: 2005 Data

Class #	Companies	<u>Locations</u>	% of Total Locations
>\$100 MM	16	2,351	75%
\$50 - 99 MM	22	373	12%
\$25 - 49 MM	29	264	8%
\$15 - 24 MM	27	139	4%
<\$15 MM	6	20	1%
Total	100	3,147	100%

CropLife 100





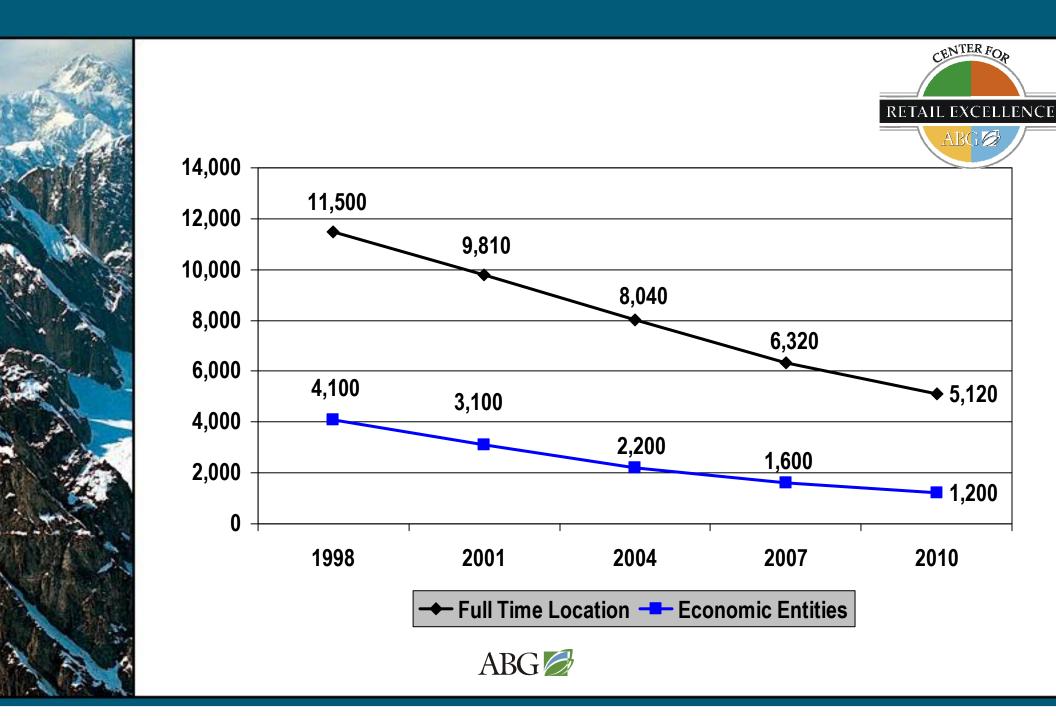
CropLife Top 10 - Fertilizer - 2005



- Royster-Clark
- UAP
- GROWMARK
- Helena Chemical
- Wilbur-Ellis
- Agriliance
- Western Farm Services
- Simplot Soilbuilders / J.R. Simplot
- Southern States Cooperative
- Crop Production Services

Total Sales - Top 10: \$3.8 Billion Share of Total *CropLife 100* Fertilizer Sales: 65%

Retail Consolidation



AG Retail Challenges



Fertilizer Price Volatility

Generic Crop Protection

Genetic Seeds

Organics - Friend or Foe

Fertilizer Producers?





Farm Customer?





Jason Hill et al – 2006 National Academy of Science



To be a viable alternative a biofuel should:

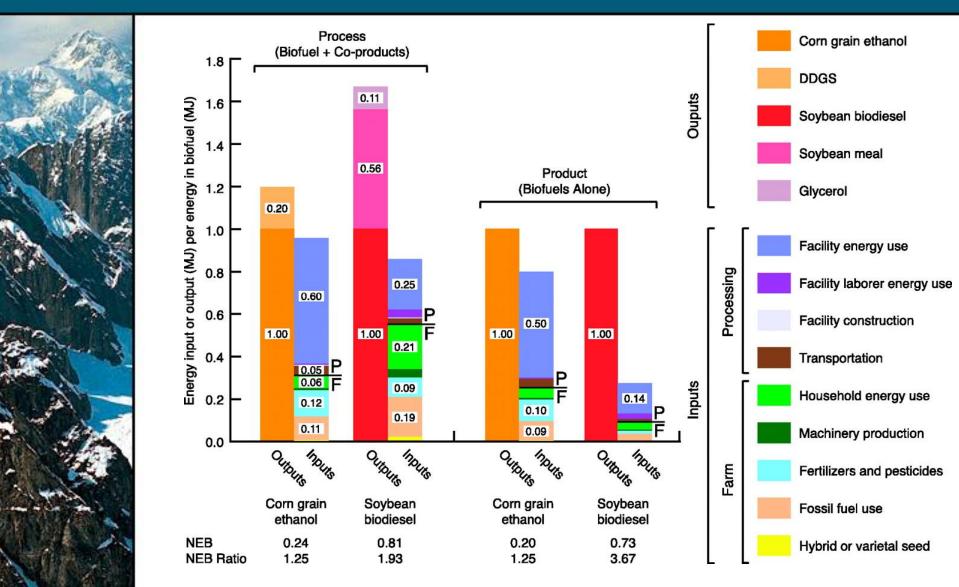
Provide a net energy gain.

Have environmental benefits.

Be economically competitive.

• Be producible in large quantities without reducing food supplies.

Net Economic Benefit of Corn Grain Ethanol and Soybean Biodiesel Production

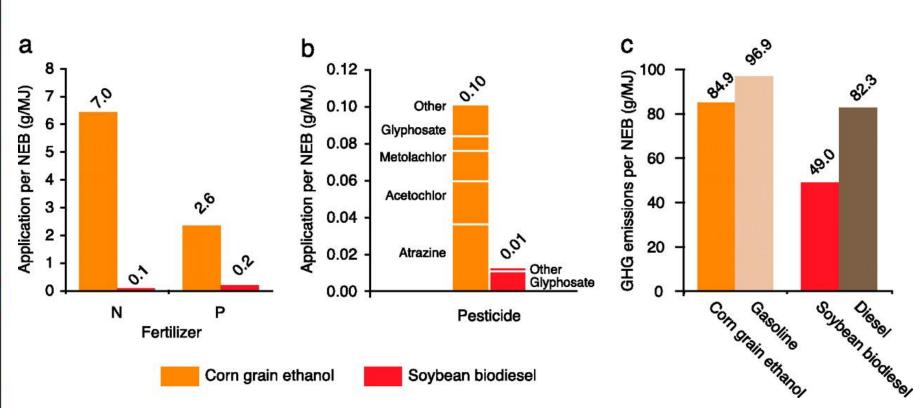


Hill, Jason et al. (2006) Proc. Natl. Acad. Sci. USA 103, 11206-11210



Environmental Effects From Life Cycles of Corn Grain Ethanol and Soybean Biodiesel





Hill, Jason et al. (2006) Proc. Natl. Acad. Sci. USA 103, 11206-11210

Fertilizer Products At Risk



- Ammonium Nitrate
 - Legislation
 - Litigation
- Ammonia
 - -Hazmat Transportation
 - Litigation
- Urea
 - Volatility

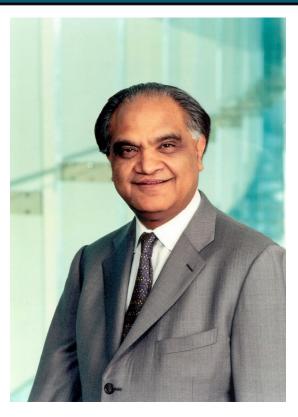
Success Breeds Failure



 History tells us that most of the companies that will be successful in our industry in the future...don't exist today.

Reinvent Yourself





Ram Charan
Summer 1988

A successful organization is driven by a core team that constantly reinvents itself.

In Summary....









Excellence is always in season.