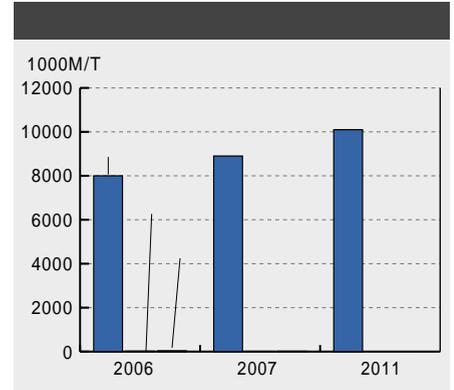
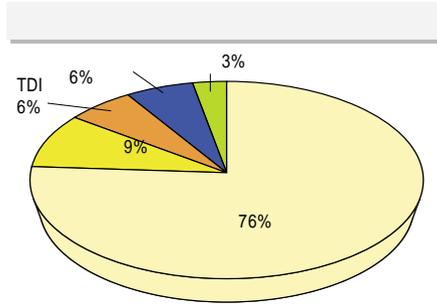


CHEMICAL PROFILE

Product

(Nitric Acid) (Nitric Oxide) (Platinum) (Nitric Dioxide)
 90% 가 (Ammonium Nitrate)
 10%



(Toluene Diisocyanate) 6%, (Nitrobenzene) 6%, Metal Nitrate 1%, 2%
 가 2006-07 42Baume(67%) 가 FOB S (Short) 145-290
 2008 5 260-265

Demand

가 2006 800 2007 890 , 2011 1010
 2007 76%, (Adipic Acid) 9%, TDI 6.5% 가 2008-11 3%

(: 1000M/T)

Agrium	Beatrice(), Cincinnati(), Kennewick(), West Sacramento()	585	Koch Nitrogen	Victoria(), Beatrice(), Dodge City(), Enid()	470
Air Products	Pasadena()	110	LyondellBasell	Fort Dodge()	330
Angus Chemical*	Sterlington()	65	Nitrochem	Lake Charles()	170
Apache Nitrogen	Benson()	140	Orica USA	Newell()	180
Bayer MaterialScience	Baytown()	45	PCS Nitrogen †	Joplin(), Seneca()	320
CF Industries	Donaldsonville()	750	Rentech Energy	Augusta(), Geismar()	1405
Cherokee Nitrogen**	Cherokee()	210	Rubicon ††	Lima(), East Dubuque()	110
Coffeyville Resources	Coffeyville()	240	J.R. Simplot	Geismar()	110
DuPont	Beaumont()	95	Solutia	Helm(), Pocatello()	100
Dyno Nobel	Battle Mountain(), Cheyenne(), Donora(), Louisiana(), St. Helens()	755	Terra Industries	Cantonment()	365
El Dorado Chemical**	El Dorado()	430	TradeMark Nitrogen	Port Neal(), Verdigris(), Woodward(), Yazoo City()	1900
El Dorado Nitrogen**	Baytown()	400		Tampa()	35
First Chemical***	Pascagoula()	75			9555
Geneva Nitrogen	Geneva()	80			
Hercules	Parlin()	80			
Invista	Orange(),				

* Dow ** El Dorado Chemical, El Dorado Nitrogen, Cherokee Nitrogen LSB
 *** First Chemical DuPont † PCS Nitrogen PotashCorp †† Rubicon Huntsman
 Chemtura) ICIS

Market

(Bioethanol)
 가
 7500 -8000
 (3000 -3200 ha) 2007
 9000
 UAN 2006 7068S
 (6411) 2007 8061S
 가 12%
 Nylon 66 가
 TDI PU(Polyurethane)
 , 가 ,
 가
 2008-15 3% 가



Basell Lyondell

120 가 200 Lyondell

Chemicals 가 300

가 - -

LyondellBasell 가 가 330

가 Chapter 11

LyondellBasell 2

8000 가가

2008 11 1 6000 가 15%

12 Chocolate Bayou 12

가

Access가 7 5000

가가

Dow Chemical

KPC(Kuwait Petroleum) K-Dow

Dow

50% 90 KPC MEG

MEGlobal K-Dow MB 가

174

Dow Dow

150 Rohm & Haas

가

가

Dow K-Dow LyondellBasell

가 Dow

Dow 가

가 K-Dow 가 가

Dow

가

Chemicals) 66.75% CCC(Columbian

Equity Partners) OEP(One

CCC 2520

가

1889

가

CCC

가

가