

Note: This is a reference cited in AP 42, *Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources*. AP42 is located on the EPA web site at [www.epa.gov/ttn/chief/ap42/](http://www.epa.gov/ttn/chief/ap42/)

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Tennessee Valley Authority  
Muscle Shoals, Alabama 35660

NORTH AMERICAN  
FERTILIZER CAPACITY DATA

December 1991

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TVA/NFERC-91/14  
Circular Z-305

Price: Domestic - \$ 6.00  
Canada & Foreign - \$12.00

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TENNESSEE VALLEY AUTHORITY  
National Fertilizer and Environmental Research Center

The Tennessee Valley Authority conducts the only full-scale fertilizer research and development program in the United States with a professional staff that includes world authorities in fertilizer technology and use. Economists and marketing specialists provide contractual economic and market intelligence services on all aspects of the national and international fertilizer industry. Clients range in size from the small fertilizer retailer to producers serving world markets. Studies include market potential for new fertilizer materials, long- and short-term supply and demand forecasts for domestic and world markets, and development of market strategies for by-product materials.

TVA maintains a comprehensive data system of world fertilizer market statistics which serves as a basis for market publications and analyses. Data include fertilizer plant capacity, production, and supply, world production, use and trade data by country, and U.S. fertilizer consumption trends and patterns by State and county. A directory of U.S. fertilizer retailers and distribution patterns is also an integral part of the information services available.

For more information, call or write:

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## NORTH AMERICAN FERTILIZER PRODUCTION CAPACITY

This listing of producers and their fertilizer production capacities was compiled in October 1991 with the cooperation of the U.S. and Canadian fertilizer industry. TVA does not guarantee the completeness or accuracy of the information.

Capacity is only an indicator of supply. Nameplate capacity differs from planned production levels or actual production because plants often operate above or below design capacity. Unless reported otherwise, plant capacities are based on 340 days per year of operation. No adjustment is made for partial year operation. The following plant status codes are used:

OPR	Operating unit
UCT	Under construction
CTR	Contracted
PLN	Planned
IDF	Indefinite or insufficient information
EXP	Expansion of existing facilities
SLD	Change in ownership
CLS	Closed

The IDF category is used when little is known about the status of the plant, no completion date has been announced, or the plant is not expected to be completed until after the time period reported. Closed plants include both units that have been inoperative for a year or more and those that have been scrapped or dismantled.

TVA invites any comments, corrections, or additions to these capacity listings. For further information contact Janice Berry (205-386-3554).

Company, Location	Plant Status	(thousand short tons per year)										
		87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
AMMONIA (material)												
United States												
Agrico Chemical (FMRP)												
Blytheville, AR	SLD	350	350	-	-	-	-	-	-	-	-	-
Donaldsonville, LA	OPR	450	450	450	450	450	450	450	450	450	450	450
Verdigris, OK	SLD	950	950	-	-	-	-	-	-	-	-	-
Agricultural Minerals Corp (AMC)												
Blytheville, AR	OPR	-	-	400	400	400	400	400	400	400	400	400
Verdigris, OK	OPR	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Air Products & Chem, Inc												
New Orleans, LA	EXP	245	245	290	290	290	290	290	290	290	290	290
Pace Junction, FL	OPR	100	100	100	100	100	100	100	100	100	100	100
Allied-Signal Corp												
Hopewell, VA	EXP	404	404	404	410	410	410	410	410	410	410	410
American Cyanamid Co												
Fortier, LA	EXP	340	386	425	425	425	425	425	425	425	425	425
Ang Coal Gas												
Beulah, ND	OPR	-	-	-	24	24	24	24	24	24	24	24
Arcadian Corp												
Augusta, GA	OPR	-	-	545	545	545	545	545	545	545	545	545
Clinton, IA	OPR	-	-	260	260	260	260	260	260	260	260	260
Geismar, LA	EXP	352	352	352	410	410	410	410	410	410	410	410
Lake Charles, LA	OPR	-	-	440	440	440	440	440	440	440	440	440
Laplatte, NE	OPR	190	190	190	190	190	190	190	190	190	190	190
Woodstock, TN	OPR	-	-	340	340	340	340	340	340	340	340	340
Atochem North America												
Portland, OR	OPR	8	8	8	8	8	8	8	8	8	8	8
Borden Chemicals & Plastics												
Geismar, LA	OPR	400	400	400	400	400	400	400	400	400	400	400
BP Chemical												
Lima, OH	EXP	510	510	530	530	530	530	530	530	530	530	530
Carbонаire Co, Inc												
Palmerton, PA	OPR	35	35	35	35	35	35	35	35	35	35	35
Center Plains Industries												
Dumas, TX	SLD	160	-	-	-	-	-	-	-	-	-	-
Cepex, Inc												
Beatrice, NE	SLD	237	-	-	-	-	-	-	-	-	-	-
CF Industries, Inc												
Donaldsonville, LA	EXP	1,590	1,590	1,590	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770
Chevron Chemical Co												
El Segundo, CA	OPR	20	20	20	20	20	20	20	20	20	20	20
Finley, WA	OPR	140	140	140	140	140	140	140	140	140	140	140
St Helens, OR	OPR	80	80	80	80	80	80	80	80	80	80	80
Coal Gasification												
Girard, IL	IDF	-	-	-	-	-	-	-	-	-	-	450
Coastal Chem, Inc												
Cheyenne, WY	EXP	170	170	170	170	345	345	345	345	345	345	345
Columbia Nitrogen Corp												
Augusta, GA	SLD	510	510	-	-	-	-	-	-	-	-	-

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
AMMONIA (material)												
United States												
Cominco												
Borger, TX	EXP	385	385	400	400	400	420	420	440	440	440	440
Diamond Shamrock												
Dumas, TX	OPR	-	-	-	-	77	77	77	77	77	77	77
DuPont & Co, Inc												
Beaumont, TX	OPR	520	520	490	490	490	490	490	490	490	490	490
Farmland Industries, Inc												
Beatrice, NE	OPR	-	237	237	237	237	237	237	237	237	237	237
Dodge City, KS	OPR	210	210	210	210	210	210	210	210	210	210	210
Enid, OK	OPR	840	840	840	840	840	840	840	840	840	840	840
Fort Dodge, IA	OPR	210	210	210	210	210	210	210	210	210	210	210
Lawrence, KS	OPR	350	350	350	350	350	350	350	350	350	350	350
Pollock, LA	OPR	420	420	420	420	420	420	420	420	420	420	420
First Mississippi Fertilizer Co												
Donaldsonville, LA	EXP	341	341	341	450	450	450	450	450	450	450	450
Grace-Oklahoma Nitrogen												
Woodward, OK	SLD	450	-	-	-	-	-	-	-	-	-	-
Grace, W.R., & Co												
Woodstock, TN	SLD	340	-	-	-	-	-	-	-	-	-	-
Green Valley Chem Corp												
Creston, IA	OPR	35	35	35	35	35	35	35	35	35	35	35
Hawkeye Chemical Co												
Clinton, IA	SLD	256	256	-	-	-	-	-	-	-	-	-
IMC Fertilizer, Inc												
Sterlington, LA	OPR	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Jupiter Chemicals Inc												
Westlake, LA	OPR	30	30	30	30	30	30	30	30	30	30	30
LaRoche Industries Inc												
Cherokee, AL	OPR	175	175	175	175	175	175	175	175	175	175	175
Mississippi Chemical Corp												
Yazoo City, MS	EXP	393	393	500	500	500	500	500	500	500	500	500
Monsanto Co												
Luling, LA	EXP	460	460	460	490	490	490	490	490	490	490	490
Nitrex												
Woodstock, TN	SLD	-	340	-	-	-	-	-	-	-	-	-
Nitrogen Products, Inc												
Helena, AR	OPR	-	-	-	210	210	210	210	210	210	210	210
Olin Corp												
Lake Charles, LA	SLD	490	490	-	-	-	-	-	-	-	-	-
OxyChem Electrochemicals												
Tacoma, WA	OPR	28	28	28	28	28	28	28	28	28	28	28
Phoenix Chemical Co												
East Dubuque, IL	OPR	238	238	238	238	238	238	238	238	238	238	238
PPG Industries, Inc												
Natrium, WV	OPR	50	50	50	50	50	50	50	50	50	50	50
Simplot, J.R., Co												
Pocatello, ID	OPR	108	108	108	108	108	108	108	108	108	108	108

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
<b>AMMONIA (material)</b>												
<b>United States</b>												
Tennessee Valley Authority												
Muscle Shoals, AL	CLS	71	71	71	-	-	-	-	-	-	-	-
Terra International, Inc												
Port Neal, IA	OPR	230	230	230	230	230	230	230	230	230	230	230
Woodward, OK	OPR	-	450	450	450	450	450	450	450	450	450	450
Triad Chemical Co												
Donaldsonville, LA	EXP	364	364	450	450	450	450	450	450	450	450	450
Unocal Corp												
Brea, CA	CLS	280	280	-	-	-	-	-	-	-	-	-
Kenai, AK	EXP	1,100	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Wil-Grow Fertilizer Co												
Pryor, OK	OPR	94	94	94	94	94	94	94	94	94	94	94
<b>Total United States</b>		<b>16,759</b>	<b>16,745</b>	<b>16,836</b>	<b>17,382</b>	<b>17,634</b>	<b>17,654</b>	<b>17,654</b>	<b>17,674</b>	<b>17,674</b>	<b>17,674</b>	<b>18,124</b>
<b>Canada</b>												
Canadian Fertilizers Ltd												
Medicine Hat, AB	EXP	920	920	920	980	980	980	980	980	980	980	980
Cominco Ltd												
Carseland, AB	EXP	400	400	452	452	452	452	452	452	452	452	452
Joffre, AB	OPR	390	390	390	390	390	390	390	390	390	390	390
Cyanamid Canada Inc												
Welland, ON	CLS	244	244	220	-	-	-	-	-	-	-	-
Esso Chemical Canada												
Redwater, AB	EXP	600	600	650	650	650	650	650	650	650	650	650
Glacier Ammonia Ltd												
Pincher Creek, AB	CLS	140	140	-	-	-	-	-	-	-	-	-
ICI Nitrogen Products												
Courtright, ON	CLS	390	390	-	-	-	-	-	-	-	-	-
	EXP	420	420	435	435	435	435	435	435	435	435	435
Nitrochem, Inc												
Maitland, ON	OPR	88	88	88	88	88	88	88	88	88	88	88
Ocelot Ammonia Co												
Kitimat, BC	EXP	210	210	210	210	210	290	290	290	290	290	290
Peace River Fertilizer												
McLennan, AB	CLS	-	33	-	-	-	-	-	-	-	-	-
SASKFERCO												
Belle Plaine, SK	UCT	-	-	-	-	-	560	560	560	560	560	560
Sherritt Gordon Ltd												
Ft Saskatchewan, AB	OPR	535	535	535	535	535	535	535	535	535	535	535
Simplot Canada Ltd												
Brandon, MB	OPR	210	210	210	210	210	210	210	210	210	210	210
<b>Total Canada</b>		<b>4,547</b>	<b>4,580</b>	<b>4,110</b>	<b>3,950</b>	<b>3,950</b>	<b>4,590</b>	<b>4,590</b>	<b>4,590</b>	<b>4,590</b>	<b>4,590</b>	<b>4,590</b>
<b>Total North America</b>		<b>21,306</b>	<b>21,325</b>	<b>20,946</b>	<b>21,332</b>	<b>21,584</b>	<b>22,244</b>	<b>22,244</b>	<b>22,264</b>	<b>22,264</b>	<b>22,264</b>	<b>22,714</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
AMMONIUM NITRATE (material)												
United States												
Agrico Chemical (FMRP)												
Verdigris, OK	SLD	750	750	-	-	-	-	-	-	-	-	-
Agricultural Minerals Corp (AMC)												
Verdigris, OK	OPR	-	-	750	750	750	750	750	750	750	750	750
Air Products & Chem, Inc												
Pace Junction, FL	OPR	200	200	200	200	200	200	200	200	200	200	200
American Cyanamid Co												
Hannibal, MO	CLS	160	-	-	-	-	-	-	-	-	-	-
Apache Powder Co												
Benson, AZ	OPR	130	130	130	130	130	130	130	130	130	130	130
Arcadian Corp												
Augusta, GA	OPR	-	-	658	658	658	658	658	658	658	658	658
Clinton, IA	OPR	-	-	167	167	167	167	167	167	167	167	167
Geismar, LA	OPR	550	550	550	550	550	550	550	550	550	550	550
Laplatte, NE	OPR	175	175	175	175	175	175	175	175	175	175	175
Savannah, GA	OPR	-	-	243	243	243	243	243	243	243	243	243
Wilmington, NC	OPR	-	-	220	220	220	220	220	220	220	220	220
Atlas Powder Co												
Joplin, MO	SLD	168	168	168	-	-	-	-	-	-	-	-
BP Chemical												
Lima, OH	OPR	71	71	66	66	66	66	66	66	66	66	66
Cepex, Inc												
Beatrice, NE	SLD	73	-	-	-	-	-	-	-	-	-	-
Fort Madison, IA	SLD	90	-	-	-	-	-	-	-	-	-	-
CF Industries, Inc												
Donaldsonville, LA	OPR	224	224	224	224	224	224	224	224	224	224	224
Chevron Chemical Co												
Finley, WA	SLD	60	60	60	-	-	-	-	-	-	-	-
Fort Madison, IA	CLS	-	90	-	-	-	-	-	-	-	-	-
Kennewick, WA	EXP	233	233	240	240	240	240	240	240	240	240	240
Richmond, CA	EXP	41	41	50	50	50	50	50	50	50	50	50
St Helens, OR	OPR	27	27	27	27	27	27	27	27	27	27	27
Coastal Chem, Inc												
Cheyenne, WY	OPR	228	228	228	228	228	228	228	228	228	228	228
Elko, WY	PLN	-	-	-	-	130	130	130	130	130	130	130
Columbia Nitrogen Corp												
Augusta, GA	SLD	589	589	-	-	-	-	-	-	-	-	-
Savannah, GA	SLD	230	230	-	-	-	-	-	-	-	-	-
Cominco												
Beatrice, NE	EXP	175	190	190	190	190	190	190	190	190	190	190
DuPont & Co, Inc												
Louviers, CO	SLD	18	18	-	-	-	-	-	-	-	-	-
Seneca, IL	SLD	158	158	-	-	-	-	-	-	-	-	-
El Dorado Chemical Co												
El Dorado, AR	EXP	280	280	280	560	590	590	590	590	590	590	590
Estech Branded Fert Inc												
Bainbridge, GA	OPR	50	50	50	50	50	50	50	50	50	50	50
North Bend, OH	OPR	63	63	63	63	63	63	63	63	63	63	63

Company, Location	Plant Status	Plant										IDF
		87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	
(thousand short tons per year)												
AMMONIUM NITRATE (material)												
United States												
Explosive Tech, Inc												
Louviers, CO	OPR	-	-	18	18	18	18	18	18	18	18	18
Seneca, IL	OPR	-	-	158	158	158	158	158	158	158	158	158
Farmland Industries, Inc												
Beatrice, NE	OPR	-	73	73	73	73	73	73	73	73	73	73
Dodge City, KS	EXP	80	80	92	92	92	92	92	92	92	92	92
Enid, OK	OPR	-	-	-	60	60	60	60	60	60	60	60
Lawrence, KS	OPR	510	510	400	400	400	400	400	400	400	400	400
Grace, W.R., & Co												
Wilmington, NC	SLD	220	-	-	-	-	-	-	-	-	-	-
Hawkeye Chemical Co												
Clinton, IA	SLD	145	145	-	-	-	-	-	-	-	-	-
ICI - Atlas Powder Co												
Joplin, MO	OPR	-	-	-	168	168	168	168	168	168	168	168
IRECO, Inc												
Donora, PA	EXP	130	130	157	157	157	157	157	157	157	157	157
Louisiana, MO	EXP	350	350	375	375	375	375	375	375	375	375	375
LaRoche Industries Inc												
Cherokee, AL	EXP	150	150	220	220	220	220	220	220	220	220	220
Crystal City, MO	OPR	220	220	220	220	220	220	220	220	220	220	220
Mississippi Chemical Corp												
Yazoo City, MS	EXP	850	850	870	870	870	870	870	870	870	870	870
Nitram, Inc												
Tampa, FL	OPR	430	430	430	430	430	430	430	430	430	430	430
Nitrex												
Wilmington, NC	SLD	-	220	-	-	-	-	-	-	-	-	-
Nitrogen Products, Inc												
Helena, AR	OPR	-	-	-	120	120	120	120	120	120	120	120
Phoenix Chemical Co												
East Dubuque, IL	OPR	90	90	90	90	90	90	90	90	90	90	90
Simplot, J.R., Co												
Helm, CA	EXP	74	74	100	100	100	100	100	100	100	100	100
Pocatello, ID	EXP	18	18	26	26	26	26	26	26	26	26	26
Tennessee Valley Authority												
Muscle Shoals, AL	CLS	34	34	34	-	-	-	-	-	-	-	-
Terra International, Inc												
Port Neal, IA	OPR	160	160	160	160	160	160	160	160	160	160	160
Woodward, OK	OPR	102	102	102	102	102	102	102	102	102	102	102
TradeMark Nitrogen Corp												
Tampa, FL	OPR	52	52	52	52	52	52	52	52	52	52	52
Unocal Corp												
Brea, CA	CLS	120	120	120	120	120	-	-	-	-	-	-
W Sacramento, CA	EXP	89	89	89	89	89	239	239	239	239	239	239
Wil-Grow Fertilizer Co												
Pryor, OK	OPR	136	136	136	136	136	136	136	136	136	136	136
<b>Total United States</b>		<b>8,703</b>	<b>8,558</b>	<b>8,661</b>	<b>9,027</b>	<b>9,187</b>	<b>9,217</b>	<b>9,217</b>	<b>9,217</b>	<b>9,217</b>	<b>9,217</b>	<b>9,217</b>



Company, Location	Plant	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
	Status											

(thousand short tons per year)

AMMONIUM NITRATE (material)

Canada

Cominco Ltd												
Calgary, AB	EXP	40	40	56	56	56	56	56	56	56	56	56
Esso Chemical Canada												
Redwater, AB	OPR	230	230	225	225	225	225	225	225	225	225	225
ICI Nitrogen Products												
Beloeil, PQ	EXP	72	72	77	77	77	77	77	77	77	77	77
Carseland, AB	EXP	248	248	309	309	309	309	309	309	309	309	309
Courtright, ON	EXP	160	160	162	162	162	162	162	162	162	162	162
Nitrochem, Inc												
Maitland, ON	OPR	220	220	218	218	218	218	218	218	218	218	218
Simplot Canada Ltd												
Brandon, MB	OPR	137	137	137	137	137	137	137	137	137	137	137
Total Canada		1,107	1,107	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184	1,184
Total North America		9,810	9,665	9,845	10,211	10,371	10,401	10,401	10,401	10,401	10,401	10,401

Company, Location	Plant Status	Plant										
		87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF

(thousand short tons per year)

NITROGEN SOLUTIONS (material)

United States

Agrico Chemical (FMRP)												
Verdigris, OK	SLD	1,700	1,700	-	-	-	-	-	-	-	-	-
Agricultural Minerals Corp (AMC)												
Verdigris, OK	OPR	-	-	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Air Products & Chem, Inc												
Pace Junction, FL	EXP	65	65	80	80	80	80	80	80	80	80	80
Apache Powder Co												
Benson, AZ	OPR	10	10	10	10	10	10	10	10	10	10	10
Arcadian Corp												
Augusta, GA	OPR	-	-	680	680	680	680	680	680	680	680	680
Clinton, IA	OPR	-	-	180	180	180	180	180	180	180	180	180
Geismar, LA	EXP	1,016	1,016	1,016	1,016	1,125	1,125	1,125	1,125	1,125	1,125	1,125
Laplatte, NE	OPR	390	390	390	390	390	390	390	390	390	390	390
Savannah, GA	OPR	-	-	280	280	280	280	280	280	280	280	280
Wilmington, NC	OPR	-	-	200	200	200	200	200	200	200	200	200
Atlas Powder Co												
Joplin, MO	SLD	30	30	30	-	-	-	-	-	-	-	-
BP Chemical												
Lima, OH	OPR	158	158	158	158	158	158	158	158	158	158	158
Cepex, Inc												
Beatrice, NE	SLD	165	-	-	-	-	-	-	-	-	-	-
Fort Madison, IA	SLD	200	-	-	-	-	-	-	-	-	-	-
CF Industries, Inc												
Donaldsonville, LA	EXP	560	560	560	725	725	725	1,220	1,220	1,220	1,220	1,220
Chevron Chemical Co												
Finley, WA	SLD	120	120	120	-	-	-	-	-	-	-	-
Fort Madison, IA	CLS	-	200	-	-	-	-	-	-	-	-	-
Kennewick, WA	EXP	200	200	210	270	270	270	270	270	270	270	270
Richmond, CA	EXP	136	136	140	140	140	140	140	140	140	140	140
St Helens, OR	OPR	60	60	60	60	60	60	60	60	60	60	60
Coastal Chem, Inc												
Cheyenne, WY	EXP	55	55	55	55	75	75	75	75	75	75	75
Columbia Nitrogen Corp												
Augusta, GA	SLD	680	680	-	-	-	-	-	-	-	-	-
Savannah, GA	SLD	280	280	-	-	-	-	-	-	-	-	-
Cominco												
Beatrice, NE	CLS	510	510	-	-	-	-	-	-	-	-	-
Estech Branded Fert Inc												
Bainbridge, GA	EXP	94	94	94	110	110	110	110	110	110	110	110
Marseilles, IL	CLS	380	-	-	-	-	-	-	-	-	-	-
North Bend, OH	OPR	123	123	123	123	123	123	123	123	123	123	123
Farmland Industries, Inc												
Beatrice, NE	OPR	-	165	165	165	165	165	165	165	165	165	165
Dodge City, KS	OPR	210	210	210	210	210	210	210	210	210	210	210
Enid, OK	EXP	-	-	-	120	220	220	220	220	220	220	220
Lawrence, KS	EXP	170	170	170	260	260	260	260	260	260	260	260
Grace, W.R., & Co												
Wilmington, NC	SLD	230	-	-	-	-	-	-	-	-	-	-

Company, Location	Plant	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
	Status											

(thousand short tons per year)

NITROGEN SOLUTIONS (material)

United States

Hawkeye Chemical Co Clinton, IA	SLD	175	175	-	-	-	-	-	-	-	-	-
ICI - Atlas Powder Co. Joplin, MO	OPR	-	-	-	30	30	30	30	30	30	30	30
LaRoche Industries Inc Cherokee, AL	EXP	65	65	270	270	270	270	270	270	270	270	270
Mississippi Chemical Corp Yazoo City, MS	OPR	500	500	500	500	500	500	500	500	500	500	500
Nitrex Wilmington, NC	SLD	-	230	-	-	-	-	-	-	-	-	-
Nitrogen Products, Inc Helena, AR	OPR	-	-	-	250	250	250	250	250	250	250	250
Phoenix Chemical Co East Dubuque, IL	OPR	230	230	230	230	230	230	230	230	230	230	230
Simplot, J.R., Co Helm, CA	EXP	129	222	222	222	222	222	222	222	222	222	222
Pocatello, ID	OPR	52	52	52	52	52	52	52	52	52	52	52
Tennessee Valley Authority Muscle Shoals, AL	CLS	204	204	204	-	-	-	-	-	-	-	-
Terra International, Inc Port Neal, IA	OPR	350	350	350	350	350	350	350	350	350	350	350
Woodward, OK	OPR	270	270	270	270	270	270	270	270	270	270	270
TradeMark Nitrogen Corp Tampa, FL	OPR	85	85	85	85	85	85	85	85	85	85	85
Unocal Corp Brea, CA	CLS	100	100	100	100	100	-	-	-	-	-	-
W Sacramento, CA	EXP	200	200	200	200	200	350	350	350	350	350	350
Wil-Grow Fertilizer Co Pryor, OK	OPR	51	51	51	51	51	51	51	51	51	51	51
<b>Total United States</b>		<b>9,953</b>	<b>9,666</b>	<b>9,265</b>	<b>9,642</b>	<b>9,871</b>	<b>9,921</b>	<b>10,416</b>	<b>10,416</b>	<b>10,416</b>	<b>10,416</b>	<b>10,416</b>

Canada

Cominco Ltd Calgary, AB	CLS	75	75	-	-	-	-	-	-	-	-	-
ICI Nitrogen Products Beloeil, PQ	OPR	50	50	50	50	50	50	50	50	50	50	50
Courtright, ON	OPR	175	175	149	149	149	149	149	149	149	149	149
Nitrochem, Inc Maitland, ON	EXP	50	50	82	82	82	82	82	82	82	82	82
Sherritt Gordon Ltd Ft Saskatchewan, AB	OPR	7	7	7	7	7	7	7	7	7	7	7
Simplot Canada Ltd Brandon, MB	EXP	360	360	360	375	375	375	375	375	375	375	375
<b>Total Canada</b>		<b>717</b>	<b>717</b>	<b>648</b>	<b>663</b>	<b>663</b>	<b>663</b>	<b>663</b>	<b>663</b>	<b>663</b>	<b>663</b>	<b>663</b>
<b>Total North America</b>		<b>10,670</b>	<b>10,383</b>	<b>9,913</b>	<b>10,305</b>	<b>10,534</b>	<b>10,584</b>	<b>11,079</b>	<b>11,079</b>	<b>11,079</b>	<b>11,079</b>	<b>11,079</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	10F
(thousand short tons per year)												
UREA (material)												
United States												
Agrico Chemical (FMRP)												
Blytheville, AR	SLD	375	375	-	-	-	-	-	-	-	-	-
Donaldsonville, LA	EXP	225	225	243	243	243	243	243	243	243	243	243
Verdigris, OK	SLD	600	600	-	-	-	-	-	-	-	-	-
Agricultural Minerals Corp (AMC)												
Blytheville, AR	OPR	-	-	425	425	425	425	425	425	425	425	425
Verdigris, OK	OPR	-	-	600	600	600	600	600	600	600	600	600
Air Products & Chem, Inc												
Pace Junction, FL	EXP	23	23	30	30	30	30	30	30	30	30	30
American Cyanamid Co												
Fortier, LA	CLS	145	145	-	-	-	-	-	-	-	-	-
Arcadian Corp												
Augusta, GA	OPR	-	-	440	440	440	440	440	440	440	440	440
Clinton, IA	OPR	-	-	66	66	66	66	66	66	66	66	66
Geismar, LA	EXP	342	342	342	380	380	380	380	380	380	380	380
Lake Charles, LA	OPR	-	-	210	210	210	210	210	210	210	210	210
Laplatte, NE	EXP	144	144	144	170	170	170	170	170	170	170	170
Woodstock, TN	OPR	-	-	415	415	415	415	415	415	415	415	415
Borden Chemicals & Plastics												
Geismar, LA	OPR	240	240	240	240	240	240	240	240	240	240	240
BP Chemical												
Lima, OH	EXP	388	388	400	400	400	400	400	400	400	400	400
Cepex, Inc												
Beatrice, NE	SLD	58	-	-	-	-	-	-	-	-	-	-
CF Industries, Inc												
Donaldsonville, LA	EXP	950	950	950	1,100	1,100	1,100	1,475	1,475	1,475	1,475	1,475
Chevron Chemical Co												
Finley, WA	SLD	30	30	30	-	-	-	-	-	-	-	-
Kennewick, WA	CLS	70	70	-	-	-	-	-	-	-	-	-
St Helens, OR	EXP	110	110	110	115	115	115	115	115	115	115	115
Coal Gasification												
Girard, IL	IDF	-	-	-	-	-	-	-	-	-	-	700
Coastal Chem, Inc												
Cheyenne, WY	EXP	60	60	60	60	108	108	108	108	108	108	108
Columbia Nitrogen Corp												
Augusta, GA	SLD	450	450	-	-	-	-	-	-	-	-	-
Cominco												
Borger, TX	OPR	85	85	85	85	85	85	85	85	85	85	85
Farmland Industries, Inc												
Beatrice, NE	OPR	-	58	58	58	58	58	58	58	58	58	58
Enid, OK	OPR	340	340	340	340	340	340	340	340	340	340	340
Lawrence, KS	EXP	240	240	272	272	272	272	272	272	272	272	272
Grace, W.R., & Co												
Woodstock, TN	SLD	400	-	-	-	-	-	-	-	-	-	-
Hawkeye Chemical Co												
Clinton, IA	SLD	61	61	-	-	-	-	-	-	-	-	-
LaRoche Industries Inc												
Cherokee, AL	OPR	96	96	96	96	96	96	96	96	96	96	96

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
UREA (material)												
United States												
Mississippi Chemical Corp												
Yazoo City, MS	OPR	178	178	178	178	178	178	178	178	178	178	178
Nitrex												
Woodstock, TN	SLD	-	400	-	-	-	-	-	-	-	-	-
Nitrogen Products, Inc												
Helena, AR	OPR	-	-	-	90	90	90	90	90	90	90	90
Olin Corp												
Lake Charles, LA	SLD	-	170	-	-	-	-	-	-	-	-	-
Phoenix Chemical Co												
East Dubuque, IL	OPR	125	125	125	125	125	125	125	125	125	125	125
Simplot, J.R., Co												
Pocatello, ID	OPR	20	20	20	20	20	20	20	20	20	20	20
Tennessee Valley Authority												
Muscle Shoals, AL	CLS	109	109	109	-	-	-	-	-	-	-	-
Terra International, Inc												
Port Neal, IA	OPR	255	255	255	255	255	255	255	255	255	255	255
Woodward, OK	OPR	83	83	83	83	83	83	83	83	83	83	83
Triad Chemical Co												
Donaldsonville, LA	EXP	420	420	540	540	540	540	540	540	540	540	540
Unocal Corp												
Brea, CA	CLS	120	120	-	-	-	-	-	-	-	-	-
Kenai, AK	EXP	1,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Wil-Grow Fertilizer Co												
Pryor, OK	OPR	27	27	27	27	27	27	27	27	27	27	27
Total United States		7,769	8,039	7,993	8,163	8,211	8,211	8,586	8,586	8,586	8,586	9,286
Canada												
Canadian Fertilizers Ltd												
Medicine Hat, AB	EXP	610	610	610	650	650	650	650	650	650	650	650
Cominco Ltd												
Carseland, AB	OPR	634	634	597	597	597	630	630	630	630	630	630
ICI Nitrogen Products												
Courtright, ON	OPR	176	176	170	170	170	170	170	170	170	170	170
Esso Chemical Canada												
Redwater, AB	EXP	542	542	623	623	623	623	623	623	623	623	623
SASKFERCO												
Belle Plaine, SK	UCT	-	-	-	-	-	680	680	680	680	680	680
Sherritt Gordon Ltd												
Ft Saskatchewan, AB	OPR	440	440	440	440	440	440	440	440	440	440	440
Simplot Canada Ltd												
Brandon, MB	EXP	165	165	165	171	171	171	171	171	171	171	171
Total Canada		2,567	2,567	2,605	2,651	2,651	3,364	3,364	3,364	3,364	3,364	3,364
Total North America		10,336	10,606	10,598	10,814	10,862	11,575	11,950	11,950	11,950	11,950	12,650

Company, Location	Plant Status	Plant										
		87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
PHOSPHATE ROCK (material)												
United States												
Agrico Chemical (FMRP)												
Fort Green, FL	OPR	3,000	3,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Payne Creek, FL	CLS	3,000	3,000	2,500	2,500	2,500	2,500	2,500	-	-	-	-
C & G Holdings, Inc												
Silver City Mine, FL	OPR	-	1,500	1,500	1,200	500	500	500	500	500	500	-
CF Industries, Inc												
Hardee County, FL	OPR	1,200	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Chevron Chemical Co												
Vernal, UT	SLD	1,300	1,300	1,300	1,300	-	-	-	-	-	-	-
Cominco												
Garrison, MT	EXP	275	275	275	275	300	300	300	300	300	300	300
Consolidated Minerals												
Pine Level, FL	PLN	-	-	-	-	-	-	-	4,000	4,000	4,000	4,000
Estech, Inc												
Silver City Mine, FL	SLD	1,500	-	-	-	-	-	-	-	-	-	-
Watson Mine, FL	CLS	1,000	900	-	-	-	-	-	-	-	-	-
FS Industries												
Vernal, UT	OPR	-	-	-	-	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Cargill Fertilizer, Inc												
Fort Meade, FL	OPR	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Grace, W.R., & Co												
Hooker's Praire, FL	SLD	3,000	-	-	-	-	-	-	-	-	-	-
Hopewell Land Partners												
Hopewell, FL	SLD	-	500	500	-	-	-	-	-	-	-	-
JMC Fertilizer, Inc												
Bartow, FL	OPR	10,500	10,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500
Brewster, FL	EXP	2,000	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Clear Springs, FL	CLS	2,000	2,000	2,000	2,000	-	-	-	-	-	-	-
Four Corners, FL	EXP	-	5,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Hopewell, FL	OPR	-	-	-	500	500	500	500	500	500	500	500
Mobil Mining & Minerals												
Big Four, FL	OPR	-	-	-	2,500	2,500	2,500	2,500	2,500	-	-	-
Fort Meade, FL	CLS	3,200	3,200	3,200	-	-	-	-	-	-	-	-
Nichols, FL	OPR	-	-	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
South Ft Meade, FL	UCT	-	-	-	-	-	-	-	-	3,400	3,400	3,400
Monsanto Co												
Henry, ID	OPR	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Nu-Gulf Industries												
Wingate Creek, FL	SLD	-	1,000	1,000	1,400	-	-	-	-	-	-	-
Nu-West Industries												
Dry Valley, ID	EXP	1,500	1,500	1,673	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
OxyChem Ag Products, Inc												
White Springs, FL	OPR	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500
OxyChem Electrochemicals												
Columbia, TN	OPR	500	500	500	500	500	500	500	500	500	500	500
Rhone-Poulenc												
Mt Pleasant, TN	OPR	600	600	600	600	600	600	600	600	600	600	600
Wooley Valley, ID	OPR	750	750	750	750	750	750	750	750	750	750	750

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

PHOSPHATE ROCK (material)

United States

Royster												
Windgate Creek, FL	OPR	-	-	-	-	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Seminole Fertilizer Corp												
Hooker's Praire, FL	OPR	-	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100
Simplot, J.R., Co												
Fort Hall, ID	CLS	1,000	300	-	-	-	-	-	-	-	-	-
Smoky Canyon, WY	OPR	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Texasgulf Chemicals Co												
Lee Creek, NC	EXP	5,600	5,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
US Agri-Chemicals (Sinochem)												
Fort Meade, FL	OPR	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Total United States		55,425	59,025	65,998	65,525	62,950	62,950	62,950	64,450	65,350	65,350	64,850

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

WET-PROCESS PHOSPHORIC ACID (P2O5)

United States

Agrico Chemical (FMRP)												
Donaldsonville, LA	EXP	500	500	510	510	510	510	510	510	510	510	510
Pierce, FL	OPR	450	450	450	450	450	450	450	450	450	450	450
Uncle Sam, LA	EXP	880	880	880	880	880	880	980	980	980	980	980
Arcadian Corp												
Geismar, LA	EXP	180	180	180	180	260	260	260	260	260	260	260
Bartow Chem (W.R. Grace)												
Bartow, FL	SLD	414	-	-	-	-	-	-	-	-	-	-
Cargill Fertilizer, Inc												
Tampa, FL	EXP	720	720	750	750	850	850	850	850	850	850	850
CF Industries, Inc												
Bartow, FL	OPR	-	540	540	540	540	540	540	540	540	540	540
Plant City, FL	EXP	870	915	915	940	940	940	940	1,050	1,050	1,050	1,050
Chevron Chemical Co												
Rock Springs, WY	EXP	200	200	215	225	225	225	225	225	225	225	225
Conserv, Inc (Agrimont)												
Nichols, FL	EXP	200	200	230	260	260	260	260	260	260	260	260
Consolidated Minerals												
Pine Level, FL	PLN	-	-	-	-	-	-	-	1,000	1,000	1,000	1,000
Piney Point, FL	SLD	190	-	-	-	-	-	-	-	-	-	-
Farmland Industries, Inc												
Pierce, FL	OPR	600	600	600	600	600	600	600	600	600	600	600
Grace, W.R., & Co												
Bartow, FL	SLD	210	-	-	-	-	-	-	-	-	-	-
IMC Fertilizer, Inc												
New Wales, FL	OPR	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Mississippi Phosphate Corp												
Pascagoula, MS	EXP	243	-	-	-	300	300	300	300	300	300	300
Mobil Mining & Minerals												
Pasadena, TX	EXP	240	240	255	255	255	255	255	255	255	255	255
Nu-South Industries												
Pascagoula, MS	SLD	-	225	270	-	-	-	-	-	-	-	-
Nu-West Industries												
Conda, ID	EXP	247	247	247	280	280	280	280	280	280	280	280
OxyChem Ag Products, Inc												
White Springs, FL	OPR	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
Royster												
Mulberry, FL	EXP	250	320	320	320	320	320	320	320	320	320	320
Piney Point, FL	OPR	-	230	230	230	230	230	230	230	230	230	230
Seminole Fertilizer Corp												
Bartow, FL	OPR	-	720	720	720	720	720	720	720	720	720	720
Simplot, J.R., Co												
Pocatello, ID	EXP	350	350	360	380	390	390	390	390	390	390	390
Texasgulf Chemicals Co												
Lee Creek, NC	OPR	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270



Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
WET-PROCESS PHOSPHORIC ACID (P2O5)												
United States												
US Agri-Chemicals Fort Meade, FL	EXP	480	480	500	500	500	500	500	500	500	500	500
<b>Total United States</b>		<b>11,314</b>	<b>12,087</b>	<b>12,262</b>	<b>12,110</b>	<b>12,600</b>	<b>12,600</b>	<b>12,700</b>	<b>13,810</b>	<b>13,810</b>	<b>13,810</b>	<b>13,810</b>
Canada												
Belledune Fertilizers Belledune, NB	OPR	150	150	150	150	150	150	150	150	150	150	150
Cominco Ltd Trail, BC	EXP	84	84	84	84	90	90	90	90	90	90	90
Esso Chemical Canada Redwater, AB	EXP	320	320	380	380	380	380	380	380	380	380	380
Sherritt Gordon Ltd Ft Saskatchewan, AB	OPR	66	66	66	66	66	66	66	66	66	66	66
<b>Total Canada</b>		<b>620</b>	<b>620</b>	<b>680</b>	<b>680</b>	<b>686</b>	<b>686</b>	<b>686</b>	<b>686</b>	<b>686</b>	<b>686</b>	<b>686</b>
<b>Total North America</b>		<b>11,934</b>	<b>12,707</b>	<b>12,942</b>	<b>12,790</b>	<b>13,286</b>	<b>13,286</b>	<b>13,386</b>	<b>14,496</b>	<b>14,496</b>	<b>14,496</b>	<b>14,496</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
AMMONIUM PHOSPHATES (P2O5)												
United States												
Agrico Chemical (FMRP)												
Donaldsonville, LA	OPR	960	960	874	874	874	874	874	874	874	874	874
Luling, LA	CLS	300	300	-	-	-	-	-	-	-	-	-
Pierce, FL	OPR	83	83	7	7	7	7	7	7	7	7	7
Taft, LA	OPR	-	345	299	299	299	299	299	299	299	299	299
Arcadian Corp												
Geismar, LA	CLS	138	-	-	-	-	-	-	-	-	-	-
Cargill Fertilizer, Inc												
Tampa, FL	EXP	475	475	525	525	625	625	625	625	625	625	625
CF Industries, Inc												
Plant City, FL	EXP	600	600	600	900	900	900	900	1,100	1,100	1,100	1,100
Chevron Chemical Co												
Rock Springs, WY	SLD	200	200	200	200	-	-	-	-	-	-	-
Conserv, Inc (Agrimont)												
Nichols, FL	EXP	190	190	230	260	260	260	260	260	260	260	260
Consolidated Minerals												
Pine Level, FL	PLN	-	-	-	-	-	-	-	1,000	1,000	1,000	1,000
Piney Point, FL	SLD	184	-	-	-	-	-	-	-	-	-	-
Farmland Industries, Inc												
Pierce, FL	EXP	460	530	530	530	530	530	530	530	530	530	530
Ford Motor Co												
Dearborn, MI	OPR	10	10	10	10	10	10	10	10	10	10	10
FS Industries												
Rock Springs, WY	OPR	-	-	-	-	200	200	200	200	200	200	200
Grace, W.R., & Co												
Bartow, FL	SLD	715	-	-	-	-	-	-	-	-	-	-
IMC Fertilizer, Inc												
New Wales, FL	EXP	1,010	1,010	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270
Kaiser Steel Corp												
Fontana, CA	OPR	15	15	15	15	15	15	15	15	15	15	15
Mississippi Phosphate Co												
Pascagoula, MS	OPR	-	-	-	-	300	300	300	300	300	300	300
Mobil Mining & Minerals												
Pasadena, TX	EXP	230	230	255	255	255	255	255	255	255	255	255
Nu-South Industries												
Pascagoula, MS	SLD	-	225	270	-	-	-	-	-	-	-	-
Nu-West Industries												
Conda, ID	EXP	140	140	259	275	275	275	275	275	275	275	275
OxyChem Ag Products, Inc												
White Springs, FL	OPR	350	350	350	350	350	350	350	350	350	350	350
Royster												
Mulberry, FL	EXP	275	320	320	320	320	320	320	320	320	320	320
Piney Point, FL	OPR	-	230	230	230	230	230	230	230	230	230	230
Seminole Fertilizer Corp												
Bartow, FL	EXP	-	800	800	830	830	830	830	830	830	830	830
Simplot, J.R., Co												
Pocatello, ID	EXP	191	191	230	230	230	230	230	230	230	230	230

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
<b>AMMONIUM PHOSPHATES (P2O5)</b>												
United States												
Tennessee Valley Authority												
Muscle Shoals, AL	CLS	20	20	20	-	-	-	-	-	-	-	-
Texasgulf Chemicals Co												
Lee Creek, NC	OPR	384	384	384	384	384	384	384	384	384	384	384
US Agri-Chemicals (Sinochem)												
Bartow, FL	EXP	237	237	294	350	350	350	350	350	350	350	350
<b>Total United States</b>		<b>7,167</b>	<b>7,845</b>	<b>7,972</b>	<b>8,114</b>	<b>8,514</b>	<b>8,514</b>	<b>8,514</b>	<b>9,714</b>	<b>9,714</b>	<b>9,714</b>	<b>9,714</b>
Canada												
Belledune Fertilizers												
Belledune, NB	OPR	138	138	138	138	138	138	138	138	138	138	138
Cominco Ltd												
Trail, BC	OPR	89	89	89	89	89	89	89	89	89	89	89
Esso Chemical Canada												
Redwater, AB	EXP	295	295	373	373	373	373	373	373	373	373	373
Sherritt Gordon Ltd												
Ft Saskatchewan, AB	OPR	62	62	62	62	62	62	62	62	62	62	62
<b>Total Canada</b>		<b>584</b>	<b>584</b>	<b>662</b>	<b>662</b>	<b>662</b>	<b>662</b>	<b>662</b>	<b>662</b>	<b>662</b>	<b>662</b>	<b>662</b>
<b>Total North America</b>		<b>7,751</b>	<b>8,429</b>	<b>8,634</b>	<b>8,776</b>	<b>9,176</b>	<b>9,176</b>	<b>9,176</b>	<b>10,376</b>	<b>10,376</b>	<b>10,376</b>	<b>10,376</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

CONCENTRATED SUPERPHOSPHATES (P2O5)

United States

Agrico Chemical (FMRP) Pierce, FL	EXP	276	276	299	299	299	299	299	299	299	299	299
Cargill Fertilizer, Inc Tampa, FL	OPR	300	300	150	150	150	150	150	150	150	150	150
CF Industries, Inc Plant City, FL	CLS	-	-	240	-	-	-	-	-	-	-	-
Grace, W.R., & Co Bartow, FL	SLD	125	-	-	-	-	-	-	-	-	-	-
IMC Fertilizer, Inc New Wales, FL	OPR	180	180	180	180	180	180	180	180	180	180	180
Seminole Fertilizer Corp Bartow, FL	EXP	-	161	161	180	180	180	180	180	180	180	180
Simplot, J.R., Co Pocatello, ID	OPR	45	45	45	45	45	45	45	45	45	45	45
Texasgulf Chemicals Co Lee Creek, NC	CLS	330	330	152	-	-	-	-	-	-	-	-
U.S. Agri-Chemicals Fort Meade, FL	CLS	121	-	-	-	-	-	-	-	-	-	-
<b>Total United States</b>		<b>1,377</b>	<b>1,292</b>	<b>1,227</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
POTASH (K2O)												
United States												
Amax Corp												
Carlsbad, NM	OPR	470	400	400	400	400	400	400	400	400	400	400
Eddy Potash, Inc												
Carlsbad, NM	OPR	-	400	400	400	400	400	400	400	400	400	400
Great Salt Lake												
Ogden, UT	SLD	-	110	110	-	-	-	-	-	-	-	-
Harris & Associates (Great Salt Lake)												
Ogden, UT	EXP	-	-	-	110	110	110	110	175	175	175	175
Harris & Associates (N. Amer Chemical)												
Trona, CA	OPR	-	-	-	-	95	95	95	95	95	95	95
IMC Fertilizer, Inc												
Carlsbad, NM	EXP	355	355	430	430	430	430	430	430	430	430	430
Kaiser Aluminum & Chem												
Wendover, UT	SLD	60	-	-	-	-	-	-	-	-	-	-
Kalium Chemical Co												
Hershey, MI	EXP	-	-	18	18	30	35	35	35	35	35	35
Kerr-McGee Corp												
Trona, CA	SLD	95	95	95	95	-	-	-	-	-	-	-
Lundberg Industries Corp												
Carlsbad, NM	SLD	400	-	-	-	-	-	-	-	-	-	-
Mississippi Chemical Corp												
Carlsbad, NM	OPR	-	240	240	240	240	240	240	240	240	240	240
Moab Potash Co (Texasgulf)												
Moab, UT	OPR	-	-	-	60	60	60	60	60	60	60	60
New Mexico Potash Co												
Carlsbad, NM	EXP	180	180	180	268	268	268	268	268	268	268	268
Reilly Wendover												
Wendover, UT	OPR	-	60	60	60	60	60	60	60	60	60	60
Texasgulf Chemicals Co												
Moab, UT	SLD	60	60	60	-	-	-	-	-	-	-	-
Western Ag-Minerals												
Carlsbad, NM	OPR	105	105	105	105	105	105	105	105	105	105	105
Total United States		1,725	2,005	2,098	2,186	2,198	2,203	2,203	2,268	2,268	2,268	2,268
Canada												
Allan Potash (PCS and Saskterra)												
Allan, SK	SLD	1,055	1,055	1,055	-	-	-	-	-	-	-	-
Central Canada Potash												
Colonsay, SK	OPR	900	900	900	900	900	900	900	900	900	900	900
Cominco Ltd												
Vanscoy, SK	OPR	900	900	900	900	900	900	900	900	900	900	900
IMC Fertilizer, Inc												
Esterhazy, SK (K1)	OPR	1,280	1,280	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220
Esterhazy, SK (K2)	EXP	1,280	1,280	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340
Kalium Chemical Co												
Belle Plaine, SK	OPR	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

POTASH (K2O)

Canada

PCA												
Lake Patience, SK	EXP	-	170	420	420	420	420	420	420	420	420	420
Sussex, NB	OPR	690	690	690	690	690	690	690	690	690	690	690
PCS												
Allan, SK	OPR	-	-	-	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055
Cory, SK	OPR	915	915	915	915	915	915	915	915	915	915	915
Lanigan, SK	OPR	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
Rocanville, SK	OPR	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
Potacan												
Salt Springs, NB	OPR	860	860	860	860	860	860	860	860	860	860	860
Total Canada		12,830	13,000	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250
Total North America		14,555	15,005	15,348	15,436	15,448	15,453	15,453	15,518	15,518	15,518	15,518

Tennessee Valley Authority  
Muscle Shoals, Alabama 35660

NORTH AMERICAN  
FERTILIZER CAPACITY DATA

(SUPPLEMENT)

December 1991

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TVA/NFERC-91/14  
Circular Z-305 (Supplement)

Price: Domestic - \$ 6.00  
Canada & Foreign - \$12.00

\* \* \* \* \*

TENNESSEE VALLEY AUTHORITY  
National Fertilizer and Environmental Research Center

The Tennessee Valley Authority conducts the only full-scale fertilizer research and development program in the United States with a professional staff that includes world authorities in fertilizer technology and use. Economists and marketing specialists provide contractual economic and market intelligence services on all aspects of the national and international fertilizer industry. Clients range in size from the small fertilizer retailer to producers serving world markets. Studies include market potential for new fertilizer materials, long- and short-term supply and demand forecasts for domestic and world markets, and development of market strategies for by-product materials.

TVA maintains a comprehensive data system of world fertilizer market statistics which serves as a basis for market publications and analyses. Data include fertilizer plant capacity, production, and supply, world production, use and trade data by country, and U.S. fertilizer consumption trends and patterns by State and county. A directory of U.S. fertilizer retailers and distribution patterns is also an integral part of the information services available.

For more information, call or write:

Tennessee Valley Authority  
P.O. Box 1010  
Muscle Shoals, Alabama 35660-1010

TEL: 205-386-2246  
FAX: 205-386-2284

\* \* \* \* \*



## NORTH AMERICAN FERTILIZER PRODUCTION CAPACITY

This listing of producers and their fertilizer production capacities was compiled in October 1991 with the cooperation of the U.S. and Canadian fertilizer industry. TVA does not guarantee the completeness or accuracy of the information.

Capacity is only an indicator of supply. Nameplate capacity differs from planned production levels or actual production because plants often operate above or below design capacity. Unless reported otherwise, plant capacities are based on 340 days per year of operation. No adjustment is made for partial year operation. The following plant status codes are used:

OPR	Operating unit
UCT	Under construction
CTR	Contracted
PLN	Planned
IDF	Indefinite or insufficient information
EXP	Expansion of existing facilities
SLD	Change in ownership
CLS	Closed

The IDF category is used when little is known about the status of the plant, no completion date has been announced, or the plant is not expected to be completed until after the time period reported. Closed plants include both units that have been inoperative for a year or more and those that have been scrapped or dismantled.

TVA invites any comments, corrections, or additions to these capacity listings. For further information contact Janice Berry (205-386-3554).

Company, Location	Plant Status	(thousand short tons per year)										
		87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
AMMONIUM SULFATE (material)												
United States												
Allied-Signal Corp Hopewell, VA	OPR	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
BASF Corp Freeport, TX	OPR	441	441	433	433	433	433	433	433	433	433	433
Bethlehem Steel Corp Bethlehem, PA	OPR	26	26	26	26	26	26	26	26	26	26	26
Burns Harbor, IN	OPR	24	24	24	24	24	24	24	24	24	24	24
Lackawanna, NY	OPR	42	42	42	42	42	42	42	42	42	42	42
Sparrows Point, MD	OPR	50	50	50	50	50	50	50	50	50	50	50
Brenlin Group Gadsden, AL	OPR	12	12	12	12	12	12	12	12	12	12	12
Chemical Enterprises, Inc Odessa, TX	OPR	130	130	130	130	130	130	130	130	130	130	130
C.P. Chemicals, Inc Garland, TX	OPR	2	2	2	2	2	2	2	2	2	2	2
Union, IL	OPR	2	2	2	2	2	2	2	2	2	2	2
Delta Chemicals, Inc Searsport, ME	OPR	25	25	25	25	25	25	25	25	25	25	25
Donner-Hanna Coke Co Buffalo, NY	OPR	12	12	12	12	12	12	12	12	12	12	12
Drummond Co, Inc Tarrant, AL	OPR	12	12	12	12	12	12	12	12	12	12	12
DSM Chemicals Augusta Augusta, GA	OPR	270	270	270	270	270	270	270	270	270	270	270
Empire Coke Co Holt, AL	OPR	2	2	2	2	2	2	2	2	2	2	2
Inland Steel Co Indiana Harbor, IN	OPR	40	40	40	40	40	40	40	40	40	40	40
LTV Steel F R & B Co Chicago, IL	OPR	6	6	6	6	6	6	6	6	6	6	6
Cleveland, OH	OPR	30	30	30	30	30	30	30	30	30	30	30
Thomas, AL	OPR	4	4	4	4	4	4	4	4	4	4	4
Warren, OH	OPR	6	6	6	6	6	6	6	6	6	6	6
National Steel Co Granite City, IL	OPR	6	6	6	6	6	6	6	6	6	6	6
Zug Island, MI	OPR	18	18	18	18	18	18	18	18	18	18	18
Rohm & Haas Co Deer Park, TX	CLS	150	150	150	150	-	-	-	-	-	-	-
Sharon Steel Corp Fairmount, WV	OPR	4	4	4	4	4	4	4	4	4	4	4
Shenango, Inc Pittsburgh, PA	OPR	6	6	6	6	6	6	6	6	6	6	6
Simplot, J.R., Co Lathrop, CA	OPR	165	165	165	165	165	165	165	165	165	165	165
Pocatello, ID	EXP	35	35	64	64	64	64	64	64	64	64	64
Smith & Ardussi Chewelah, WA	OPR	...	...	...	...	...	...	...	...	...	...	...

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

AMMONIUM SULFATE (material)

United States

USX Corp												
Fairfield, AL	OPR	90	90	90	90	90	90	90	90	90	90	90
Fairless, PA	OPR	13	13	13	13	13	13	13	13	13	13	13
Gary, IN	OPR	35	35	35	35	35	35	35	35	35	35	35
Lorain, OH	OPR	22	22	22	22	22	22	22	22	22	22	22
Walter, Jim, Corp												
Birmingham, AL	OPR	16	16	16	16	16	16	16	16	16	16	16
Wheeling-Pittsburgh Steel												
Follansbee, WV	OPR	20	20	20	20	20	20	20	20	20	20	20
Monessen, PA	OPR	9	9	9	9	9	9	9	9	9	9	9
Whittaker Corp												
Stroudsburg, PA	OPR	3	3	3	3	3	3	3	3	3	3	3
Zipp Industries												
Plainview, TX	OPR	110	110	110	110	110	110	110	110	110	110	110
Total United States		3,238	3,238	3,259	3,259	3,109	3,109	3,109	3,109	3,109	3,109	3,109

Canada

Cominco Ltd												
Trail, BC	OPR	220	220	220	220	220	165	165	165	165	165	165
Esso Chemical Canada												
Redwater, AB	OPR	77	172	165	165	165	165	165	165	165	165	165
Sherritt Gordon Ltd												
Ft Saskatchewan, AB	OPR	176	176	176	176	176	176	176	176	176	176	176
Total Canada		473	568	561	561	561	506	506	506	506	506	506
Total North America		3,711	3,806	3,820	3,820	3,670	3,615	3,615	3,615	3,615	3,615	3,615

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
NITRIC ACID (material)												
United States												
Agrico (FMRP)												
Verdigris, OK	SLD	600	600	600	-	-	-	-	-	-	-	-
Agricultural Minerals Corp (AMC)												
Verdigris, OK	OPR	-	-	-	600	600	600	600	600	600	600	600
Air Products & Chem, Inc												
Pace Junction, FL	EXP	170	170	200	200	200	200	200	200	200	200	200
Pasadena, TX	OPR	120	120	120	120	120	120	120	120	120	120	120
Allied Corp												
Buffalo, NY	CLS	25	25	-	-	-	-	-	-	-	-	-
American Cyanamid Co												
Boundbrook, NJ	CLS	25	-	-	-	-	-	-	-	-	-	-
Hannibal, MO	CLS	229	-	-	-	-	-	-	-	-	-	-
Apache Powder Co												
Benson, AZ	OPR	100	100	100	100	100	100	100	100	100	100	100
Arcadian Corp												
Augusta, GA	OPR	-	-	470	470	470	470	470	470	470	470	470
Clinton, IA	OPR	-	-	132	132	132	132	132	132	132	132	132
Geismar, LA	OPR	450	450	450	450	450	450	450	450	450	450	450
Laplatte, NE	OPR	140	140	140	140	140	140	140	140	140	140	140
Savannah, GA	OPR	-	-	190	190	190	190	190	190	190	190	190
Wilmington, NC	OPR	-	-	170	170	170	170	170	170	170	170	170
Army Ammunition												
Baraboo, WI	OPR	250	250	250	250	250	250	250	250	250	250	250
Charleston, IN	OPR	140	140	140	140	140	140	140	140	140	140	140
Chattanooga, TN	OPR	187	187	187	187	187	187	187	187	187	187	187
Joliet, IL	OPR	350	350	350	350	350	350	350	350	350	350	350
Kingsport, TN	OPR	220	220	220	220	220	220	220	220	220	220	220
Lawrence, KS	OPR	150	150	150	150	150	150	150	150	150	150	150
Radford, VA	OPR	227	227	227	227	227	227	227	227	227	227	227
Atlas Powder Co												
Joplin, MO	SLD	164	164	164	-	-	-	-	-	-	-	-
BP Chemical												
Lima, OH	EXP	65	65	70	70	70	90	90	90	90	90	70
California Ammonia Co												
Hanford, CA	OPR	15	15	15	15	15	15	15	15	15	15	15
Cedar Chemical Co												
Vicksburg, MS	OPR	90	90	90	90	90	90	90	90	90	90	90
Cepex, Inc												
Beatrice, NE	SLD	59	-	-	-	-	-	-	-	-	-	-
Fort Madison, IA	SLD	200	-	-	-	-	-	-	-	-	-	-
CF Industries, Inc												
Donaldsonville, LA	EXP	175	175	175	225	225	225	380	380	380	380	380
Chevron Chemical Co												
Finley, WA	OPR	78	78	78	78	78	78	78	78	78	78	78
Fort Madison, IA	CLS	-	200	-	-	-	-	-	-	-	-	-
Kennewick, WA	OPR	310	310	310	310	310	310	310	310	310	310	310
Richmond, CA	OPR	85	85	85	85	85	85	85	85	85	85	85
St Helens, OR	OPR	21	21	20	20	20	20	20	20	20	20	20

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
NITRIC ACID (material)												
United States												
Coastal Chemical Co												
Cheyenne, WY	EXP	209	209	209	320	320	320	320	320	320	320	320
Columbia Nitrogen Corp												
Augusta, GA	SLD	485	485	-	-	-	-	-	-	-	-	-
Savannah, GA	SLD	-	190	-	-	-	-	-	-	-	-	-
Cominco												
Beatrice, NE	EXP	143	143	147	147	147	147	147	147	147	147	147
DuPont & Co, Inc												
Beaumont, TX	OPR	116	116	102	102	102	102	102	102	102	102	102
Gibbstown, NJ	SLD	306	306	328	328	-	-	-	-	-	-	-
Louviers, CO	SLD	6	6	6	-	-	-	-	-	-	-	-
Orange, TX	OPR	370	370	200	200	200	200	200	200	200	200	200
Victoria, TX	OPR	460	460	330	330	330	330	330	330	330	330	330
El Dorado Chemical Co												
El Dorado, AR	EXP	274	274	274	390	390	390	390	530	530	530	530
Estech Branded Fert Inc												
Bainbridge, GA	OPR	50	50	50	50	50	50	50	50	50	50	50
Explosive Tech, Inc												
Louviers, CO	OPR	-	-	-	6	6	6	6	6	6	6	6
Seneca, IL	OPR	215	215	215	215	215	215	215	215	215	215	215
Farmland Industries, Inc												
Beatrice, NE	OPR	-	59	59	59	59	59	59	59	59	59	59
Dodge City, KS	EXP	60	60	75	75	75	75	75	75	75	75	75
Lawrence, KS	OPR	519	519	319	319	319	319	319	319	319	319	319
First Chemical Corp												
Pascagoula, MS	CTR	-	-	-	-	85	85	85	85	85	85	85
Grace, W.R., & Co												
Wilmington, NC	SLD	170	-	-	-	-	-	-	-	-	-	-
Hawkeye Chemical Co												
Clinton, IA	SLD	117	117	-	-	-	-	-	-	-	-	-
Parlin, NJ	SLD	50	50	-	-	-	-	-	-	-	-	-
ICI - Atlas Powder Co												
Joplin, MO	OPR	-	-	-	164	164	164	164	164	164	164	164
IMC Fertilizer, Inc												
Sterlington, LA	OPR	66	66	66	66	66	66	66	66	66	66	66
IRECO, Inc												
Donora, PA	EXP	99	99	125	125	125	125	125	125	125	125	125
Louisiana, MO	EXP	275	275	300	300	300	300	300	300	300	300	300
LaRoche Industries Inc												
Cherokee, AL	EXP	120	120	187	187	187	187	187	187	187	187	187
Crystal City, MO	OPR	170	170	170	170	170	170	170	170	170	170	170
Mississippi Chemical Corp												
Yazoo City, MS	EXP	689	689	705	705	705	780	780	780	780	780	780
Mobay Corp												
Baytown, TX	OPR	50	50	50	50	50	50	50	50	50	50	50
New Martinsville, WV	OPR	110	110	110	110	110	110	110	110	110	110	110
Monsanto Co												
Pensacola, FL	OPR	400	400	400	400	400	400	400	400	400	400	400

Company, Location	Plant Status	(thousand short tons per year)										IDF
		87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	
NITRIC ACID (material)												
United States												
Nitram, Inc												
Tampa, FL	OPR	270	270	270	270	270	270	270	270	270	270	270
Nitrex												
Wilmington, NC	SLD	-	170	-	-	-	-	-	-	-	-	-
Nitrogen Products, Inc												
Helena, AR	OPR	-	-	95	95	95	95	95	95	95	95	95
Olin Corp												
Lake Charles, LA	OPR	165	165	165	165	165	165	165	165	165	165	165
Phoenix Chemical Co												
East Dubuque, IL	OPR	72	72	72	72	72	72	72	72	72	72	72
Rubicon Chemicals Inc												
Geismar, LA	OPR	119	119	119	119	119	119	119	119	119	119	119
Simplot, J.R., Co												
Helm, CA	EXP	68	68	80	80	80	80	80	80	80	80	80
Pocatello, ID	OPR	20	20	20	20	20	20	20	20	20	20	20
Tennessee Valley Authority												
Muscle Shoals, AL	CLS	49	49	49	-	-	-	-	-	-	-	-
Terra International, Inc												
Port Neal, IA	OPR	130	130	130	130	130	130	130	130	130	130	130
Woodward, OK	OPR	82	82	82	82	82	82	82	82	82	82	82
TradeMark Nitrogen Corp												
Tampa, FL	OPR	42	42	42	42	42	42	42	42	42	42	42
Unocal Corp												
Brea, CA	CLS	98	98	98	98	98	-	-	-	-	-	-
W Sacramento, CA	EXP	71	71	71	71	71	266	266	266	266	266	266
Welland Chemical, Inc												
Gibbstown, NJ	OPR	-	-	-	-	328	328	328	328	328	328	328
Newell, PA	OPR	69	69	69	69	69	69	69	69	69	69	69
Wil-Grow Fertilizer Co												
Pryor, OK	OPR	94	94	94	94	94	94	94	94	94	94	94
<b>Total United States</b>		<b>11,523</b>	<b>11,459</b>	<b>10,986</b>	<b>11,214</b>	<b>11,299</b>	<b>11,491</b>	<b>11,646</b>	<b>11,786</b>	<b>11,786</b>	<b>11,786</b>	<b>11,766</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
NITRIC ACID (material)												
Canada												
Cominco Ltd												
Calgary, AB	EXP	33	33	44	44	44	44	44	44	44	44	44
DuPont Canada												
North Bay, ON	OPR	20	20	20	20	20	20	20	20	20	20	20
Esso Chemical Canada												
Redwater, AB	OPR	194	194	181	181	181	181	181	181	181	181	181
ICI Nitrogen Products												
Courtright, ON	OPR	132	132	132	132	132	132	132	132	132	132	132
Beloeil, PQ	EXP	72	72	77	77	77	77	77	77	77	77	77
Carseland, AB	EXP	198	198	243	243	243	243	243	243	243	243	243
Nitrochem, Inc												
Maitland, ON	OPR	340	340	322	322	322	322	322	322	322	322	322
Simplot Canada Ltd												
Brandon, MB	EXP	108	108	108	110	110	110	110	110	110	110	110
<b>Total Canada</b>		<b>1,097</b>	<b>1,097</b>	<b>1,127</b>	<b>1,129</b>	<b>1,129</b>	<b>1,129</b>	<b>1,129</b>	<b>1,129</b>	<b>1,129</b>	<b>1,129</b>	<b>1,129</b>
<b>Total North America</b>		<b>12,620</b>	<b>12,556</b>	<b>12,113</b>	<b>12,343</b>	<b>12,428</b>	<b>12,620</b>	<b>12,775</b>	<b>12,915</b>	<b>12,915</b>	<b>12,915</b>	<b>12,895</b>

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

WET-PROCESS SUPERPHOSPHORIC ACID (P2O5)

United States

Arcadian Corp												
Geismar, LA	EXP	180	180	180	180	260	260	260	260	260	260	260
Chevron Chemical Co												
Rock Springs, WY	EXP	40	40	75	75	75	75	75	75	75	75	75
Farmland Industries, Inc												
Pierce, FL	OPR	120	120	120	120	120	120	120	120	120	120	120
Nu-West Industries												
Conda, ID	EXP	115	115	115	130	130	130	130	130	130	130	130
OxyChem Ag Products, Inc												
White Springs, FL	OPR	810	810	810	810	810	810	810	810	810	810	810
Simplot, J.R., Co												
Pocatello, ID	EXP	188	188	195	200	200	200	200	200	200	200	200
Texasgulf Chemicals Co												
Lee Creek, NC	OPR	530	530	530	530	530	530	530	530	530	530	530
Total United States		1,983	1,983	2,025	2,045	2,125	2,125	2,125	2,125	2,125	2,125	2,125

WET-PROCESS SUPERPHOSPHORIC ACID (P2O5)  
(NON-FERTILIZER)

United States

Rhone-Poulenc												
Geismar, LA	UCT	-	-	-	80	80	80	80	80	80	80	80
Texasgulf+A&W+Olin												
Lee Creek, NC	OPR	-	-	120	120	120	120	120	120	120	120	120



Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
(thousand short tons per year)												
NORMAL SUPERPHOSPHATE (P2O5)												
United States												
American Plant Food Corp												
Houston, TX	OPR	13	13	13	13	13	13	13	13	13	13	13
Estech Branded Fert Inc												
Athens, GA	CLS	24	24	24	-	-	-	-	-	-	-	-
Farmers Favorite Fertilizer												
Moultrie, GA	SLD	12	12	12	12	-	-	-	-	-	-	-
Grace, W.R., & Co												
Charleston, SC	OPR	12	12	12	12	12	12	12	12	12	12	12
Joplin, MO	OPR	15	15	15	15	15	15	15	15	15	15	15
ICI Americas												
Tacoma, WA	OPR	11	11	11	11	11	11	11	11	11	11	11
IMC Fertilizer, Inc												
Americus, GA	OPR	48	48	48	48	48	48	48	48	48	48	48
Florence, AL	OPR	8	8	8	8	8	8	8	8	8	8	8
Hartsville, SC	OPR	8	8	8	8	8	8	8	8	8	8	8
PCS (Farmers Favorite Fert)												
Moultrie, GA	OPR	-	-	-	-	12	12	12	12	12	12	12
Pelham Phosphate Co												
Pelham, GA	OPR	15	15	15	15	15	15	15	15	15	15	15
Southern Phosphates												
Savannah, GA	OPR	...	...	...	...	...	...	...	...	...	...	...
Tri-State Plant Food Co												
Dothan, AL	OPR	...	...	...	...	...	...	...	...	...	...	...
Weaver Fertilizer Co, Inc												
Norfolk, VA	OPR	15	15	15	15	15	15	15	15	15	15	15
<b>Total United States</b>		<b>181</b>	<b>181</b>	<b>181</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>

Company, Location	Plant	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
	Status											
(thousand short tons per year)												
ELEMENTAL PHOSPHORUS (P4)												
United States												
FMC Corp												
Pocatello, ID	OPR	145	145	145	145	145	145	145	145	145	145	145
Monsanto Co												
Soda Springs, ID	OPR	110	110	110	110	110	110	110	110	110	110	110
OxyChem Electrochemicals												
Columbia, TN	OPR	57	57	57	57	57	57	57	57	57	57	57
Rhone-Poulenc												
Mt Pleasant, TN	CLS	-	-	50	50	10	10	-	-	-	-	-
Silver Bow, MT	OPR	-	-	35	35	35	35	35	35	35	35	35
Stauffer Chemical Co												
Mt Pleasant, TN	SLD	50	50	-	-	-	-	-	-	-	-	-
Silver Bow, MT	SLD	49	49	-	-	-	-	-	-	-	-	-
Total United States		411	411	397	397	357	357	347	347	347	347	347
Canada												
Albright & Wilson												
Long Harbor, NF	CLS	65	65	-	-	-	-	-	-	-	-	-
Erco Industries, Ltd												
Varenes, PQ	OPR	20	20	20	20	20	20	20	20	20	20	20
Total Canada		85	85	20	20	20	20	20	20	20	20	20
Total North America		496	496	417	417	377	377	367	367	367	367	367

Company, Location	Plant Status	87/88	88/89	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	IDF
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(thousand short tons per year)

POTASSIUM SULFATE (K2O)

United States

Amax Potash												
Dumas, TX	CLS	12	12	12	-	-	-	-	-	-	-	-
Climax Chemical Co												
Grantsville, UT	OPR	25	25	25	25	25	25	25	25	25	25	25
Harris & Associates (Great Salt Lake)												
Ogden, UT	EXP	-	-	110	110	110	110	110	175	175	175	175
Harris & Associates (N. Amer Chemical)												
Trona, CA	OPR	-	-	-	25	25	25	25	25	25	25	25
IMC Fertilizer, Inc												
Carlsbad, NM	EXP	90	90	115	115	115	115	115	115	115	115	115
Kerr-McGee Corp												
Trona, CA	SLD	25	25	25	-	-	-	-	-	-	-	-
Total United States		152	152	287	275	275	275	275	340	340	340	340

Canada

PCS												
Cory, SK	CLS	15	15	-	-	-	-	-	-	-	-	-
Big Quill Lake, SK	OPR	2	2	2	2	2	2	2	2	2	2	2
Total Canada		17	17	2	2	2	2	2	2	2	2	2
Total North America		169	169	289	277	277	277	277	342	342	342	342

SULFATE OF POTASH/MAGNESIA (K2O)

United States

IMC Fertilizer, Inc												
Carlsbad, NM	OPR	85	85	85	85	85	85	85	85	85	85	85
Western Ag Minerals												
Carlsbad, NM	OPR	105	105	105	105	105	105	105	105	105	105	105
Total United States		190	190	190	190	190	190	190	190	190	190	190