

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/

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Tennessee Valley Authority
Muscle Shoals, Alabama 35660

NORTHAMERICAN FERTILIZER CAPACITY DATA

December 1991

S, Z Synthetic Ammonia.

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TVA/NFERC-91/14
Circular Z-305

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

*BR Ref. ②
of chapt. Z*

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)													
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	450
Verdigris, OK	SLD	950	950	-	-	-	-	-	-	-	-	-	-
Agricultural Minerals Corp (AMC)													
Blytheville, AR	OPR	-	-	400	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	1,000
Air Products & Chest, Inc													
New Orleans, LA	EXP	245	245	290	290	290	290	290	290	290	290	290	290
Pace Junction, FL	OPR	100	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	410
American Cyanamid Co													
Fortier, LA	EXP	340	386	425	425	425	425	425	425	425	425	425	425
Ang Coal Gas													
Beulah, ND	OPR	-	-	-	24	24	24	24	24	24	24	24	24
Arcadian Corp													
Augusta, GA	OPR	-	-	545	545	545	545	545	545	545	545	545	545
Clinton, IA	OPR	-	-	260	260	260	260	260	260	260	260	260	260
Geismar, LA	EXP	352	352	352	410	410	410	410	410	410	410	410	410
Lake Charles, LA	OPR	-	-	440	440	440	440	440	440	440	440	440	440
Laptatte, NE	OPR	190	190	190	190	190	190	190	190	190	190	190	190
Uoodstock, TN	OPR	-	-	340	340	340	340	340	340	340	340	340	340
Atochem North America													
Portland, OR	OPR	a	a	a	a	8	a	a	a	a	a	8	8
Borden Chemicals & Plastics													
Geismar, LA	OPR	400	400	400	400	400	400	400	400	400	400	400	400
BP Chemical													
Lime, OH	EXP	510	510	530	530	530	530	530	530	530	530	530	530
Carbonaire Co, Inc													
Palmerton, PA	OPR	35	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	1,770
Chevron Chemical Co													
EL Segundo, CA	OPR	20	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	140
St Helens, OR	OPR	80	80	80	a 0	80	80	80	80	80	80	a 0	a 0
Coal Gasification													
Cirard, IL	IDF	-	-	-	-	-	-	-	-	-	-	-	450
Coastal Chem, Inc													
Cheyenne, WY	EXP	170	170	170	170	345	345	345	345	345	345	345	345
Columbia Nitrogen Corp													
Augusta, GA	SLD	510	510	-	-	-	-	-	-	-	-	-	-

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)													
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									
IWC 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													
	Vestlake, 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													
	Natron, WV	OPR	50	50	50	50	50	50	50	50	50	50	50
Simplon, 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
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(thousand short tons per year)

AMMONIA (material)

United States

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	.	.	.	.	.	.	.	.	.
Kenei, 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
Total United States		16,759	16,745	16,836	17,382	17,634	17,654	17,654	17,674	17,674	17,674	18,124

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Canada

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												
Reduater, 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												
Haitland, ON	OPR	88	88	88	88	88	a 0	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, AD	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
Total Canada		4,547	4,580	4,110	3,950	3,950	4,590	4,590	4,590	4,590	4,590	4,590
Total North America		21,306	21,325	20,946	21,332	21,584	22,244	22,244	22,264	22,264	22,264	22,714