

U.S. Census Bureau
Fertilizers and Related Chemicals - 2010
MQ325B(10)-5
Issued June 2011

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Table 1. Summary of Production of Principal Fertilizers and Related Chemicals: 2010 and 2009
[1,000 of short tons]

Product code	Product description	Year and quarter	Total Production		
325311120	Ammonia, synthetic anhydrous (100 percent)	2010			
		Total	b/ 11,115		
		Fourth quarter	c/ 2,848		
		Third quarter	c/ 2,732		
		Second quarter	a/ 2,692		
		First quarter	a/ 2,843		
		2009			
		Total	a/ 10,330		
		Fourth quarter	a/ 2,735		
		Third quarter	a/ 2,712		
		Second quarter	a/ 2,679		
		First quarter	a/ 2,205		
		325311201	Ammonium nitrate, original melt liquor	2010	
				Total	b/ 7,484
Fourth quarter	c/ 1,930				
Third quarter	c/ 1,797				
Second quarter	a/ 1,820				
First quarter	a/ 1,937				
2009					
Total	b/ 6,943				
Fourth quarter	b/ 1,902				
Third quarter	a/ 1,818				
Second quarter	a/ 1,762				
First quarter	b/ 1,461				
325311240	Ammonium sulfate (100 percent)			2010	
				Total	a/ 2,740
		Fourth quarter	b/ 612		
		Third quarter	b/ 702		
		Second quarter	a/ 724		
		First quarter	a/ 703		
		2009			
		Total	a/ 2,499		
		Fourth quarter	a/ 566		
		Third quarter	a/ 655		
		Second quarter	a/ 626		
		First quarter	652		
		325311111	Nitric acid (100 percent)	2010	
				Total	b/ 7,640
Fourth quarter	b/ 1,973				
Third quarter	c/ 1,825				
Second quarter	a/ 1,890				
First quarter	a/ 1,952				
2009					
Total	a/ 6,531				
Fourth quarter	a/ 1,881				
Third quarter	a/ 1,833				
Second quarter	a/ 1,518				
First quarter	a/ 1,298				

Product code	Product description	Year and quarter	Total Production		
3253114101	Urea original melt liquor (100 percent)	2010			
		Total	c/ 5,646		
		Fourth quarter	(S)		
		Third quarter	(S)		
		Second quarter	a/ 1,430		
		First quarter	a/ 1,521		
		2009			
		Total	a/ 5,604		
		Fourth quarter	a/ 1,478		
		Third quarter	a/ 1,384		
		Second quarter	a/ 1,453		
		First quarter	a/ 1,289		
		3253121111	Phosphoric acid (100 percent P2O5)	2010	
				Total	10,378
Fourth quarter	2,632				
Third quarter	2,681				
Second quarter	2,457				
First quarter	2,608				
2009					
Total	9,542				
Fourth quarter	2,504				
Third quarter	2,727				
Second quarter	2,381				
First quarter	1,930				
3253124102	Superphosphate and other phosphatic fertilizer materials, Phosphoric oxide content (100 percent P2O5)			2010	
				Total	6,897
		Fourth quarter	1,777		
		Third quarter	1,865		
		Second quarter	1,641		
		First quarter	1,614		
		2009			
		Total	6,142		
		Fourth quarter	1,665		
		Third quarter	1,733		
		Second quarter	1,519		
		First quarter	1,225		
		3251881100	Sulfuric acid (100 percent)	2010	
				Total	35,877
Fourth quarter	9,262				
Third quarter	a/ 9,523				
Second quarter	8,633				
First quarter	8,459				
2009					
Total	32,126				
Fourth quarter	8,452				
Third quarter	9,108				
Second quarter	8,012				
First quarter	6,555				

Note: Detail may not add to total due to independent rounding.

Table 2. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2010 and 2009
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/		
3253111120	Ammonia, synthetic, anhydrous (100 percent)	Total					(X)		
		Fourth quarter 2010	15	b/ 2,848,180	b/ 1,016,304	b/ 342,765	a/ 221,636		
		Third quarter 2010	15	c/ 2,731,773	a/ 840,526	b/ 260,308	a/ 226,403		
		Second quarter 2010	15	a/ 2,691,954	b/ 910,683	b/ 310,167	200,043		
		First quarter 2010	15	a/ 2,843,069	a/ 652,233	a/ 190,247	313,024		
		Total		a/ 10,330,420	a/ 3,286,663	a/ 1,080,817	(X)		
		Fourth quarter 2009		a/ 2,734,944	a/ 827,772	a/ 248,405	a/ 224,563		
		Third quarter 2009		a/ 2,712,414	a/ 706,234	b/ 209,359	223,111		
		Second quarter 2009		a/ 2,678,515	a/ 916,245	a/ 350,583	270,114		
		First quarter 2009		a/ 2,204,547	b/ 836,412	b/ 272,470	273,762		
		3253111121	Ammonia, fertilizer use	Total		a/ 9,556,659	2,708,322	882,951	(X)
				Fourth quarter 2010	13	c/ 2,513,453	762,971	260,467	b/r/ 175,746
				Third quarter 2010	13	b/ 2,281,687	662,200	206,204	b/r/ 176,315
				Second quarter 2010	13	2,332,820	732,665	256,467	r/ 167,454
First quarter 2010	13			2,428,699	550,486	159,813	234,795		
Total				8,675,072	2,708,122	909,460	(X)		
Fourth quarter 2009				2,319,387	705,811	212,631	168,952		
Third quarter 2009				2,280,714	552,191	166,881	174,682		
Second quarter 2009				2,298,061	808,733	317,794	200,628		
First quarter 2009				1,776,910	641,387	212,154	253,028		
3253111131	Ammonia, other uses			Total		a/ 1,558,317	(S) c/	220,536	(X)
				Fourth quarter 2010	7	a/ 334,727	(S) c/	82,298	r/ 45,890
				Third quarter 2010	7	a/ 450,086	(S) c/	54,104	50,088
				Second quarter 2010	7	a/ 359,134	(S) c/	53,700	b/r/ 32,589
		First quarter 2010	6	a/ 414,370	c/ 101,747	c/ 30,434	78,229		
		Total		a/ 1,655,348	c/ 578,541	c/ 171,357	(X)		
		Fourth quarter 2009		a/ 415,557	c/ 121,961	c/ 35,774	55,611		
		Third quarter 2009		a/ 431,700	c/ 154,043	c/ 42,478	48,429		
		Second quarter 2009		a/ 380,454	c/ 107,512	c/ 32,789	69,486		
		First quarter 2009		a/ 427,637	c/ 195,025	c/ 60,316	20,734		
		3253111201	Ammonium nitrate (100 percent), original melt liquor 2/	Total		b/ 7,484,030	(S) c/	1,131,170	(X)
				Fourth quarter 2010	13	c/ 1,929,783	(S) c/r/	301,053	a/ 117,938
				Third quarter 2010	13	c/ 1,796,892	(S) c/	263,715	c/ 89,301
				Second quarter 2010	13	a/ 1,820,218	(S) c/	301,722	b/ 78,562
First quarter 2010	13			a/ 1,937,137	(S) c/	264,680	a/ 128,462		
Total				b/ 6,943,395	c/ 4,602,610	c/ 893,743	(X)		
Fourth quarter 2009				b/ 1,902,434	(S) c/	237,731	b/ 105,460		
Third quarter 2009				a/ 1,817,538	(S) c/	241,209	b/ 119,934		
Second quarter 2009				a/ 1,762,152	c/ 1,184,594	c/ 230,334	b/ 155,870		
First quarter 2009				b/ 1,461,271	c/ 935,847	c/ 184,469	b/ 193,067		

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
3253111211	Ammonium nitrate (100 percent), consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, ANN)	Total		(D)	(D)	(D)	(X)
		Fourth quarter 2010	4	(D)	(D)	(D)	(D)
		Third quarter 2010	4	(D)	(D)	(D)	(D)
		Second quarter 2010	4	(D)	(D)	(D)	(D)
		First quarter 2010	4	(D)	(D)	(D)	(D)
		Total		137,123	138,165	44,958	(X)
		Fourth quarter 2009		28,179	(D)	(D)	(D)
		Third quarter 2009		37,932	39,391	12,447	(D)
		Second quarter 2009		35,668	41,600	13,464	(D)
		First quarter 2009		35,344	(D)	(D)	(D)
		3253111216	Ammonium nitrate (100 percent), liquor consumed in the manufacture of urea-ammonium nitrate solutions	Total		4,437,619	973,247
Fourth quarter 2010	8			a/ 1,119,855	r/ 252,558	r/ 94,749	a/ 67,567
Third quarter 2010	8			b/ 1,039,104	a/ 219,854	b/ 60,842	c/ 53,525
Second quarter 2010	8			1,093,523	272,795	84,341	a/ 43,964
First quarter 2010	8			1,185,137	228,040	54,588	a/ 67,133
Total				3,935,532	771,969	202,289	(X)
Fourth quarter 2009				1,112,606	202,178	48,132	a/ 40,175
Third quarter 2009				1,032,189	187,050	40,874	a/ 57,146
Second quarter 2009				988,754	226,856	67,613	a/ 95,166
First quarter 2009				801,983	155,885	45,670	a/ 126,434
3253111221	Ammonium nitrate (100 percent), high density prill and granular			Total		(D)	(D)
		Fourth quarter 2010	2	(D)	(D)	(D)	(D)
		Third quarter 2010	2	(D)	(D)	(D)	(D)
		Second quarter 2010	2	(D)	(D)	(D)	(D)
		First quarter 2010	2	(D)	(D)	(D)	(D)
		Total		b/ 689,929	(D)	(D)	(X)
		Fourth quarter 2009		b/ 191,535	(D)	(D)	(D)
		Third quarter 2009		b/ 170,514	(D)	(D)	(D)
		Second quarter 2009		b/ 201,206	(D)	(D)	(D)
		First quarter 2009		b/ 126,674	(D)	(D)	(D)
		3253111226	Ammonium nitrate (100 percent), low density prill and grained	Total		c/ 1,826,256	(S)
Fourth quarter 2010	7			c/ 518,145	(S)	(S)	a/r/ 25,655
Third quarter 2010	7			c/ 431,776	(S)	(S)	b/ 17,738
Second quarter 2010	7			c/ 428,629	(S)	(S)	b/ 19,178
First quarter 2010	7			c/ 447,706	(S)	(S)	(D)
Total				b/ 1,808,950	c/ 2,116,562	b/ 407,933	(X)
Fourth quarter 2009				b/ 448,773	c/ 606,302	c/ 127,349	23,391
Third quarter 2009				b/ 487,013	c/ 621,870	b/ 127,908	27,014
Second quarter 2009				b/ 452,807	b/ 466,503	b/ 81,278	27,861
First quarter 2009				b/ 420,357	b/ 421,887	b/ 71,398	32,694
3253111231	Ammonium nitrate (100 percent), all other (e.g., liquor sales, production loss, other)			Total		c/ 382,739	(S)
		Fourth quarter 2010	8	(S)	(S)	(S)	(D)
		Third quarter 2010	8	c/ 117,287	(S)	(S)	(D)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
		Second quarter 2010	8	(S)	(S)	(S)	r/ 13,536
		First quarter 2010	8	c/ 80,361	(S)	(S)	(D)
		Total	b/	371,861	(D)	(D)	(X)
		Fourth quarter 2009	b/	121,341	(S)	c/ 20,520	28,025
		Third quarter 2009	b/	89,890	(D)	(D)	(D)
		Second quarter 2009	b/	83,717	(D)	(D)	(D)
		First quarter 2009	b/	76,913	(D)	(D)	(D)
3253111240	Ammonium sulfate (synthetic and byproduct, other than coke oven), total (100 percent)	Total	a/	2,740,308	2,301,743	399,342	(X)
		Fourth quarter 2010	8	b/ 611,644	597,095	112,212	83,481
		Third quarter 2010	9	b/ 701,898	623,680	95,024	a/ 188,560
		Second quarter 2010	9	a/ 723,757	560,119	100,270	227,286
		First quarter 2010	9	a/ 703,009	520,849	91,836	200,180
		Total	a/	2,499,295	1,795,138	274,533	(X)
		Fourth quarter 2009	a/	566,201	517,278	75,528	136,829
		Third quarter 2009	a/	654,680	474,209	70,071	a/ 188,168
		Second quarter 2009	a/	625,927	571,845	93,160	103,850
		First quarter 2009		652,487	231,806	35,774	251,981
3253111241	Ammonium sulfate, synthetic (direct synthesis from sulfuric acid and ammonia)	Total		(D)	(D)	(D)	(X)
		Fourth quarter 2010	4	(D)	(D)	(D)	11,156
		Third quarter 2010	5	(D)	(D)	(D)	c/ 26,498
		Second quarter 2010	5	(D)	(D)	(D)	18,563
		First quarter 2010	5	(D)	(D)	(D)	(D)
		Total		(D)	(D)	(D)	(X)
		Fourth quarter 2009		(D)	(D)	(D)	(D)
		Third quarter 2009		(D)	(D)	(D)	c/ 43,595
		Second quarter 2009		(D)	(D)	(D)	(D)
		First quarter 2009		(D)	(D)	(D)	(D)
3253111246	Ammonium sulfate, byproduct other than coke oven	Total		(D)	(D)	(D)	(X)
		Fourth quarter 2010	5	(D)	(D)	(D)	72,325
		Third quarter 2010	6	(D)	(D)	(D)	162,062
		Second quarter 2010	6	(D)	(D)	(D)	208,723
		First quarter 2010	6	(D)	(D)	(D)	(D)
		Total		(D)	(D)	(D)	(X)
		Fourth quarter 2009		(D)	(D)	(D)	(D)
		Third quarter 2009		(D)	(D)	(D)	144,573
		Second quarter 2009		(D)	(D)	(D)	(D)
		First quarter 2009		(D)	(D)	(D)	(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N)	Total	a/	3,572,572	2,970,181	903,852	(X)
		Fourth quarter 2010	14	a/ 823,021	654,723	201,431	c/ 122,123
		Third quarter 2010	14	a/ 908,731	776,972	214,179	b/r/ 88,614
		Second quarter 2010	14	888,902	871,152	290,082	a/ 102,173
		First quarter 2010	14	951,918	667,334	198,160	203,313

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
		Total		3,414,157	a/ 2,867,908	923,661	(X)
		Fourth quarter 2009		923,937	a/ 687,359	171,683	b/ 104,529
		Third quarter 2009		891,012	734,640	179,862	a/ 103,036
		Second quarter 2009		828,647	a/ 828,195	321,510	a/ 168,994
		First quarter 2009		770,561	a/ 617,714	250,606	a/ 265,018
325311256	Nitrogen solutions, UAN solutions (ammonium nitrate/urea solutions)	Total	a/	3,331,579	2,742,500	863,952	(X)
		Fourth quarter 2010	10 b/	748,616	586,310	192,072	c/ 106,631
		Third quarter 2010	10 b/	831,876	701,577	204,082	c/r/ 75,844
		Second quarter 2010	10	845,530	825,519	279,146	a/ 92,068
		First quarter 2010	10	905,557	629,094	188,652	193,753
		Total		3,230,421	2,691,568	888,009	(X)
		Fourth quarter 2009		875,215	644,019	163,926	a/ 98,376
		Third quarter 2009		844,275	688,875	170,744	a/ 96,246
		Second quarter 2009		789,370	781,876	311,105	a/ 160,222
		First quarter 2009		721,561	576,798	242,234	a/ 255,377
325311251	Nitrogen solutions, all other solutions (e.g., CAN17, AN20, AAN, other) and solutions containing free ammonia 3/	Total		240,993	227,681	39,900	(X)
		Fourth quarter 2010	6	74,405	r/ 68,413	9,359	r/ 15,492
		Third quarter 2010	6	76,855	r/ 75,395	10,097	12,770
		Second quarter 2010	6 a/	43,372	45,633	10,936	10,105
		First quarter 2010	6 a/	46,361	38,240	9,508	9,560
		Total		183,736	176,340	35,652	(X)
		Fourth quarter 2009	a/	48,722	43,340	7,757	6,153
		Third quarter 2009	a/	46,737	45,765	9,118	6,790
		Second quarter 2009	a/	39,277	46,319	10,405	8,772
		First quarter 2009		49,000	40,916	8,372	9,641
325311111	Nitric acid (100 percent) 4/	Total	b/	7,639,833	(S)	(S)	(X)
		Fourth quarter 2010	18 b/	1,972,830	(S)	c/ 105,641	(X)
		Third quarter 2010	18 c/	1,825,019	(S)	(S)	(X)
		Second quarter 2010	18 a/	1,889,618	(S)	c/ 73,630	(X)
		First quarter 2010	17 a/	1,952,366	(S)	c/ 68,972	(X)
		Total	a/	6,530,638	(S)	c/ 244,180	(X)
		Fourth quarter 2009	a/	1,881,063	(S)	(S)	(X)
		Third quarter 2009	a/	1,833,050	c/ 466,505	c/ 64,219	(X)
		Second quarter 2009	a/	1,518,101	(S)	c/ 55,562	(X)
		First quarter 2009	a/	1,298,424	(S)	c/ 52,435	(X)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/		
3253114101	Urea original melt liquor	Total		c/ 5,646,351	c/ 1,652,926	630,224	(X)		
		Fourth quarter 2010	11	(S) c/ 370,348	c/r/ 143,015		(S)		
		Third quarter 2010	11	(S) c/ 368,876	c/r/ 140,002	c/ 137,957			
		Second quarter 2010	11	a/ 1,430,191	(S) b/ 88,988				
		First quarter 2010	11	a/ 1,521,477	c/r/ 394,085	c/r/ 153,724	a/ 106,123		
		Total		a/ 5,603,736	c/ 1,735,727	c/ 583,901	(X)		
		Fourth quarter 2009		a/ 1,478,468	c/ 457,268	(S)	(S)		
		Third quarter 2009		a/ 1,383,953	c/ 432,128	c/ 147,387	(S)		
		Second quarter 2009		a/ 1,452,620	c/ 435,638	c/ 150,013	(S)		
		First quarter 2009		a/ 1,288,695	c/ 410,693	c/ 132,864	(S)		
		3253114111	Urea, consumed in the manufacture of urea-ammonium nitrate solutions	Total		a/ 2,720,090	(D)	(D)	(X)
				Fourth quarter 2010	7	b/ 711,324	(D)	(D)	(D)
				Third quarter 2010	7	c/ 600,911	(D)	(D)	(D)
				Second quarter 2010	7	650,239	(D)	(D)	(D)
First quarter 2010	7			757,616	(D)	(D)	(D)		
Total				2,520,183	(D)	(D)	(X)		
Fourth quarter 2009				709,061	(D)	(D)	(D)		
Third quarter 2009				676,070	(D)	(D)	(D)		
Second quarter 2009				618,890	(D)	(D)	(D)		
First quarter 2009				516,162	(D)	(D)	(D)		
3253114121	Urea, prills			Total		a/ 702,161	(D)	(D)	(X)
				Fourth quarter 2010	4	a/r/ 161,243	(D)	(D)	(D)
				Third quarter 2010	4	a/r/ 160,831	(D)	(D)	(D)
				Second quarter 2010	4	a/r/ 190,034	(D)	(D)	(D)
		First quarter 2010	4	r/ 190,053	(D)	(D)	(D)		
		Total		838,631	(D)	(D)	(X)		
		Fourth quarter 2009		(D)	(D)	(D)	(D)		
		Third quarter 2009		(D)	(D)	(D)	20,422		
		Second quarter 2009		231,103	(D)	(D)	22,149		
		First quarter 2009		(D)	(D)	(D)	(D)		
		3253114131	Urea, granular	Total		c/ 2,109,025	(D)	(D)	(X)
				Fourth quarter 2010	5	(S) (D)	(D)	(D)	(S)
				Third quarter 2010	5	(S) (D)	(D)	(D)	c/ 76,388
				Second quarter 2010	5	563,278	(D)	(D)	34,184
First quarter 2010	5			544,340	(D)	(D)	54,877		
Total				2,157,753	(D)	(D)	(X)		
Fourth quarter 2009				547,561	(D)	(D)	25,707		
Third quarter 2009				479,926	(D)	(D)	(D)		
Second quarter 2009				586,403	133,486	42,697	(D)		
First quarter 2009				543,863	104,647	32,407	42,357		
3253114141	Urea, all other (liquor sales, melamine, feedstock, other)			Total		a/ 115,075	(D)	(D)	(X)
				Fourth quarter 2010	4	a/ 31,991	(D)	(D)	(D)
				Third quarter 2010	4	a/ 26,976	(D)	(D)	(D)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
		Second quarter 2010	4	a/ 26,640	(D)	(D)	(D)
		First quarter 2010	4	a/ 29,468	(D)	(D)	(D)
		Total	b/	87,169	c/ 139,208	b/ 114,047	(X)
		Fourth quarter 2009		(D)	(D)	(D)	(D)
		Third quarter 2009		(D)	(D)	(D)	(D)
		Second quarter 2009	b/	16,224	c/ 30,778	a/ 30,179	(D)
		First quarter 2009		(D)	(D)	(D)	(D)
3253121111	Phosphoric acid (100 percent P2O5)	Total		10,377,552	3,828,007	1,887,819	(X)
		Fourth quarter 2010	12	2,632,039	1,011,336	542,515	131,996
		Third quarter 2010	13	2,680,719	966,727	483,801	133,782
		Second quarter 2010	13	2,456,583	930,568	r/ 405,387	132,666
		First quarter 2010	12	2,608,211	919,376	456,116	122,953
		Total		9,541,794	3,345,909	2,048,693	(X)
		Fourth quarter 2009		2,503,588	895,730	493,987	129,805
		Third quarter 2009		2,727,352	983,469	481,547	138,850
		Second quarter 2009		2,380,725	802,472	554,660	135,252
		First quarter 2009		1,930,129	664,238	518,499	132,076
3253121211	Phosphoric acid (100 percent P2O5), by use, fertilizer	Total		9,610,233	3,455,478	1,679,396	(X)
		Fourth quarter 2010	10	2,448,702	927,577	511,775	126,167
		Third quarter 2010	10	2,481,765	877,849	444,364	125,452
		Second quarter 2010	10	2,274,724	841,700	359,046	126,708
		First quarter 2010	9	2,405,042	808,352	364,211	116,222
		Total		8,830,845	3,019,152	1,706,352	(X)
		Fourth quarter 2009		2,315,928	814,538	b/ 419,818	122,321
		Third quarter 2009		2,522,026	898,713	396,830	130,126
		Second quarter 2009		2,203,427	712,517	449,410	127,356
		First quarter 2009		1,789,464	593,384	440,294	120,676
3253121221	Phosphoric acid (100 percent P2O5), by use, animal feed (e.g., defluorinated and industrial) (e.g., refined/technical)	Total		767,319	372,529	208,423	(X)
		Fourth quarter 2010	5	183,337	83,759	30,740	5,829
		Third quarter 2010	6	198,954	88,878	39,437	8,330
		Second quarter 2010	6	r/ 181,859	r/ 88,868	r/ 46,341	r/ 5,958
		First quarter 2010	6	203,169	111,024	91,905	6,731
		Total		710,949	326,757	342,341	(X)
		Fourth quarter 2009	a/	187,660	a/ 81,192	b/ 74,169	a/ 7,484
		Third quarter 2009		205,326	84,756	84,717	8,724
		Second quarter 2009		177,298	89,955	105,250	7,896
		First quarter 2009		140,665	70,854	78,205	11,400

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
3253121311	Phosphoric acid (100 percent P2O5), by grade, ortho (less than 65 percent P2O5) (includes merchant grade and all others)	Total		9,204,673	2,832,364	1,365,746	(X)
		Fourth quarter 2010	11	2,318,399	(D)	(D)	114,767
		Third quarter 2010	11	2,371,156	(D)	(D)	114,022
		Second quarter 2010	11	2,201,156	711,195	r/ 283,940	113,876
		First quarter 2010	11	2,313,962	(D)	(D)	107,090
		Total		8,547,808	2,373,403	1,474,039	(X)
		Fourth quarter 2009		2,238,178	618,463	331,307	111,979
		Third quarter 2009		2,411,970	698,788	323,022	113,512
		Second quarter 2009		2,172,335	589,231	429,354	109,730
		First quarter 2009		1,725,325	466,921	390,356	105,062
		3253121321	Phosphoric acid (100 percent P2O5), by grade, super (more than 65 percent P2O5)	Total		1,172,879	995,643
Fourth quarter 2010	5			313,640	(D)	(D)	17,229
Third quarter 2010	6			309,563	(D)	(D)	19,760
Second quarter 2010	6			255,427	219,373	121,447	18,790
First quarter 2010	5			294,249	(D)	(D)	15,863
Total				993,986	972,506	574,654	(X)
Fourth quarter 2009	a/			265,410	c/ 277,267	c/ 162,680	17,826
Third quarter 2009				315,382	284,681	158,525	25,338
Second quarter 2009				208,390	213,241	125,306	25,522
First quarter 2009				204,804	197,317	128,143	27,014
3253124100	Superphosphate and other phosphatic fertilizer materials, gross weight			Total		14,900,911	15,178,392
		Fourth quarter 2010	12	3,807,509	4,021,422	1,691,875	409,075
		Third quarter 2010	12	3,999,036	4,072,446	1,549,330	307,741
		Second quarter 2010	12	3,598,748	3,587,317	1,348,331	433,079
		First quarter 2010	12	3,495,618	3,497,207	1,117,516	333,980
		Total		13,299,661	14,381,986	3,690,652	(X)
		Fourth quarter 2009		3,602,339	4,444,652	894,948	346,309
		Third quarter 2009		3,756,182	3,966,254	983,084	301,268
		Second quarter 2009		3,322,533	3,157,757	841,747	524,809
		First quarter 2009		2,618,607	2,813,323	970,873	573,833
		3253124101	Superphosphate and other phosphatic fertilizer materials, Nitrogen content	Total	(X)	(X)	(X)
Fourth quarter 2010	(X)			(X)	(X)	(X)	(X)
Third quarter 2010	(X)			(X)	(X)	(X)	(X)
Second quarter 2010	(X)			(X)	(X)	(X)	(X)
First quarter 2010	(X)			(X)	(X)	(X)	(X)
Total				(X)	(X)	(X)	(X)
Fourth quarter 2009				(X)	(X)	(X)	(X)
Third quarter 2009				(X)	(X)	(X)	(X)
Second quarter 2009				(X)	(X)	(X)	(X)
First quarter 2009				(X)	(X)	(X)	(X)
3253124102	Superphosphate and other phosphatic fertilizer materials, Phosphoric oxide content (100 percent P2O5)			Total	(X)	6,897,277	6,740,137
		Fourth quarter 2010	(X)	1,777,076	1,749,489	(X)	(X)
		Third quarter 2010	(X)	1,865,218	1,866,473	(X)	(X)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
		Second quarter 2010	(X)	1,640,967	1,559,736	(X)	(X)
		First quarter 2010	(X)	1,614,016	1,564,439	(X)	(X)
		Total		6,142,381	5,884,053	(X)	(X)
		Fourth quarter 2009		1,664,701	1,576,369	(X)	(X)
		Third quarter 2009		1,733,302	1,710,280	(X)	(X)
		Second quarter 2009		1,518,978	1,380,406	(X)	(X)
		First quarter 2009		1,225,400	1,216,998	(X)	(X)
3253124131	Monoammonium phosphates, gross weight	Total		4,622,538	4,632,888	1,758,146	(X)
		Fourth quarter 2010	7	1,278,690	1,231,572	559,234	(D)
		Third quarter 2010	7	1,156,145	1,231,480	482,827	(D)
		Second quarter 2010	7	944,159	891,959	332,865	154,891
		First quarter 2010	7	1,243,544	1,277,877	383,220	(D)
		Total		3,638,917	3,784,285	1,031,506	(X)
		Fourth quarter 2009		1,051,365	985,349	250,859	132,912
		Third quarter 2009		992,611	1,076,540	262,655	76,019
		Second quarter 2009		833,071	824,012	227,899	170,302
		First quarter 2009		761,870	898,384	290,093	171,454
3253124132	Monoammonium phosphates, nitrogen content	Total	(X)	470,249	(X)	(X)	(X)
		Fourth quarter 2010	(X)	141,636	(X)	(X)	(X)
		Third quarter 2010	(X)	107,087	(X)	(X)	(X)
		Second quarter 2010	(X)	98,242	(X)	(X)	(X)
		First quarter 2010	(X)	123,284	(X)	(X)	(X)
		Total		401,905	(X)	(X)	(X)
		Fourth quarter 2009		115,472	(X)	(X)	(X)
		Third quarter 2009		110,077	(X)	(X)	(X)
		Second quarter 2009		92,609	(X)	(X)	(X)
		First quarter 2009		83,747	(X)	(X)	(X)
3253124133	Monoammonium phosphates, phosphoric oxide content (100 percent P2O5)	Total	(X)	2,397,537	2,431,045	(X)	(X)
		Fourth quarter 2010	(X)	(D)	(D)	(X)	(X)
		Third quarter 2010	(X)	(D)	(D)	(X)	(X)
		Second quarter 2010	(X)	488,737	474,333	(X)	(X)
		First quarter 2010	(X)	643,758	(D)	(X)	(X)
		Total		1,887,863	1,936,483	(X)	(X)
		Fourth quarter 2009		(D)	(D)	(X)	(X)
		Third quarter 2009		514,977	503,690	(X)	(X)
		Second quarter 2009		434,076	438,039	(X)	(X)
		First quarter 2009		(D)	(D)	(X)	(X)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
3253124211	Diammonium phosphates, gross weight	Total		8,751,689	9,100,280	3,439,068	(X)
		Fourth quarter 2010	9	2,110,099	a/ 2,374,231	959,974	(D)
		Third quarter 2010	9	2,445,512	2,489,147	937,597	171,948
		Second quarter 2010	9	2,351,724	a/ 2,397,215	932,806	233,758
		First quarter 2010	9	1,844,354	1,839,687	608,691	193,624
		Total		8,925,068	9,854,984	2,437,970	(X)
		Fourth quarter 2009		2,323,023	3,234,162	584,458	188,696
		Third quarter 2009		2,586,272	2,696,147	675,217	200,436
		Second quarter 2009		2,300,941	(D)	(D)	(D)
		First quarter 2009		1,714,832	(D)	(D)	(D)
		3253124212	Diammonium phosphates, nitrogen content	Total	(X)	1,600,525	(X)
Fourth quarter 2010	(X)			387,225	(X)	(X)	(X)
Third quarter 2010	(X)			447,802	(X)	(X)	(X)
Second quarter 2010	(X)			428,883	(X)	(X)	(X)
First quarter 2010	(X)			336,615	(X)	(X)	(X)
Total				1,632,677	(X)	(X)	(X)
Fourth quarter 2009				424,284	(X)	(X)	(X)
Third quarter 2009				472,720	(X)	(X)	(X)
Second quarter 2009				422,153	(X)	(X)	(X)
First quarter 2009				313,520	(X)	(X)	(X)
3253124213	Diammonium phosphates, phosphoric oxide content (100 percent P2O5)			Total	(X)	3,972,218	3,804,422
		Fourth quarter 2010	(X)	963,581	975,061	(X)	(X)
		Third quarter 2010	(X)	1,128,375	1,085,862	(X)	(X)
		Second quarter 2010	(X)	1,053,570	987,986	(X)	(X)
		First quarter 2010	(X)	826,692	755,513	(X)	(X)
		Total		3,998,570	3,693,236	(X)	(X)
		Fourth quarter 2009		1,040,204	979,305	(X)	(X)
		Third quarter 2009		1,161,133	1,145,284	(X)	(X)
		Second quarter 2009		(D)	(D)	(X)	(X)
		First quarter 2009		(D)	(D)	(X)	(X)
		3253124222	Other ammonium phosphates, gross weight 5/	Total		1,526,684	1,445,224
Fourth quarter 2010	7			418,720	415,619	172,667	(D)
Third quarter 2010	7			397,379	351,819	128,906	(D)
Second quarter 2010	7			302,865	298,143	82,660	44,430
First quarter 2010	7			407,720	379,643	125,605	(D)
Total				735,676	742,717	221,176	(X)
Fourth quarter 2009				227,951	225,141	59,631	24,701
Third quarter 2009				177,299	193,567	45,212	24,813
Second quarter 2009				188,521	(D)	(D)	(D)
First quarter 2009				141,905	(D)	(D)	(D)
3253124223	Other ammonium phosphates, nitrogen content			Total	(X)	(X)	(X)
		Fourth quarter 2010	(X)	(X)	(X)	(X)	(X)
		Third quarter 2010	(X)	(X)	(X)	(X)	(X)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/
		Second quarter 2010	(X)	(X)	(X)	(X)	(X)
		First quarter 2010	(X)	(X)	(X)	(X)	(X)
		Total		(X)	(X)	(X)	(X)
		Fourth quarter 2009	(X)	(X)	(X)	(X)	(X)
		Third quarter 2009	(X)	(X)	(X)	(X)	(X)
		Second quarter 2009	(X)	(X)	(X)	(X)	(X)
		First quarter 2009	(X)	(X)	(X)	(X)	(X)
3253124224	Other ammonium phosphates, phosphoric oxide content (100 percent P2O5)	Total	(X)	527,522	504,670	(X)	(X)
		Fourth quarter 2010	(X)	(D)	(D)	(X)	(X)
		Third quarter 2010	(X)	(D)	(D)	(X)	(X)
		Second quarter 2010	(X)	98,660	97,417	(X)	(X)
		First quarter 2010	(X)	143,566	(D)	(X)	(X)
		Total		255,948	254,334	(X)	(X)
		Fourth quarter 2009	(D)	(D)	(D)	(X)	(X)
		Third quarter 2009		57,192	61,306	(X)	(X)
		Second quarter 2009	(D)	(D)	(D)	(X)	(X)
		First quarter 2009		59,985	56,195	(X)	(X)
3251881100	Sulfuric acid (100 percent), total gross 4/	Total		35,876,951	b/ 10,144,611	c/ 822,783	(X)
		Fourth quarter 2010	31	9,262,404	b/ 2,771,602	b/r/ 229,809	396,913
		Third quarter 2010	31	9,522,990	b/ 2,836,582	c/r/ 224,206	332,681
		Second quarter 2010	31	8,632,529	b/r/ 2,363,076	c/r/ 207,268	332,472
		First quarter 2010	31	8,459,028	a/ 2,173,351	b/r/ 161,500	359,619
		Total		32,126,299	b/ 9,396,780	c/ 760,319	(X)
		Fourth quarter 2009		8,452,029	b/ 2,317,393	c/ 154,284	b/ 411,036
		Third quarter 2009		9,107,727	a/ 2,482,739	c/ 167,687	434,321
		Second quarter 2009		8,011,653	b/ 2,443,521	b/ 242,946	402,970
		First quarter 2009		6,554,890	b/ 2,153,127	c/ 195,402	410,230
3251881111	Sulfuric acid (100 percent), by feedstock, elemental sulfur	Total		30,127,152	b/ 6,234,034	c/ 566,017	(X)
		Fourth quarter 2010	22	7,788,045	b/ 1,800,310	b/ 164,382	(X)
		Third quarter 2010	22	7,939,218	b/ 1,713,119	c/ 152,189	(X)
		Second quarter 2010	22	7,309,722	b/ 1,462,954	c/ 143,413	(X)
		First quarter 2010	22	7,090,167	a/r/ 1,257,651	b/ 106,033	(X)
		Total		27,222,765	b/ 5,505,590	c/ 514,058	(X)
		Fourth quarter 2009		7,289,676	b/ 1,375,316	c/ 99,299	(X)
		Third quarter 2009		7,820,086	b/ 1,494,917	b/ 105,601	(X)
		Second quarter 2009		6,672,888	b/ 1,329,153	b/ 173,849	(X)
		First quarter 2009		5,440,115	b/ 1,306,204	c/ 135,309	(X)

Product code	Product description	Quarter and year	No. of cos.	Total production	Quantity	Value	Stocks 1/			
3251881121	Sulfuric acid (100 percent), by feedstock, smelting metallic sulfide ore	Total		(D)	(D)	(D)	(X)			
		Fourth quarter 2010	5	(D)	(D)	(D)	(X)			
		Third quarter 2010	5	(D)	(D)	(D)	(X)			
		Second quarter 2010	5	(D)	(D)	(D)	(X)			
		First quarter 2010	5	(D)	(D)	(D)	(X)			
		Total		(D)	(D)	(D)	(X)			
		Fourth quarter 2009		(D)	(D)	(D)	(X)			
		Third quarter 2009		(D)	(D)	(D)	(X)			
		Second quarter 2009		510,666	(D)	(D)	(X)			
		First quarter 2009		415,267	(D)	(D)	(X)			
3251881131	Sulfuric acid (100 percent), by feedstock, decomposition of alkylation and other spent acid	Total	c/	2,359,698	(D)	(D)	(X)			
		Fourth quarter 2010	7 b/	567,162	(D)	(D)	(D)			
		Third quarter 2010	7 b/	647,028	(D)	(D)	(D)			
		Second quarter 2010	7 c/	582,352	(D)	(D)	(D)			
		First quarter 2010	7 b/	563,156	(D)	(D)	(D)			
		Total	a/	2,466,215	(D)	(D)	(X)			
		Fourth quarter 2009	a/	589,623	(D)	(D)	(D)			
		Third quarter 2009	a/	642,398	(D)	(D)	(D)			
		Second quarter 2009	a/	675,530	(D)	(D)	(D)			
		First quarter 2009	a/	558,664	(D)	(D)	(D)			
3251881141	Sulfuric acid (100 percent), by feedstock, other	Total		(D)	(D)	(D)	(X)			
		Fourth quarter 2010	9	(D)	(D)	(D)	(X)			
		Third quarter 2010	9	(D)	(D)	(D)	(X)			
		Second quarter 2010	9	(D)	(D)	(D)	(X)			
		First quarter 2010	9	(D)	(D)	(D)	(X)			
		Total		(D)	(D)	(D)	(X)			
		Fourth quarter 2009		(D)	(D)	(D)	(X)			
		Third quarter 2009		(D)	(D)	(D)	(X)			
		Second quarter 2009	a/	152,569	(D)	(D)	(X)			
		First quarter 2009	a/	140,844	(D)	(D)	(X)			
3251881212	Sulfuric acid (100 percent), by grade, oleum grades	Total	b/	1,977,533	a/	1,244,035	b/	137,490	(X)	
		Fourth quarter 2010	11 a/	544,005		390,917		36,814	r/	25,295
		Third quarter 2010	11 b/	507,995	a/r/	293,909	a/	29,639		25,836
		Second quarter 2010	10 a/	474,511	b/r/	289,825	b/	43,068		27,976
		First quarter 2010	10 a/	451,022	b/r/	269,384	b/	27,969		27,499
		Total		1,704,610		1,001,106		89,726		(X)
		Fourth quarter 2009		442,285		233,853		18,642	b/	40,645
		Third quarter 2009		423,319		245,150		23,152	c/	39,501
		Second quarter 2009		448,949		269,131		24,219	c/	25,834
		First quarter 2009		390,057		252,972		23,713	c/	46,217
3251881231	Sulfuric acid (100 percent), by grade, other than oleum grades	Total		33,899,418	a/	8,900,576	a/	685,293	(X)	
		Fourth quarter 2010	30	8,718,399	a/	2,380,685	a/r/	192,995		371,618
		Third quarter 2010	30	9,014,995	a/	2,542,673	b/r/	194,567		306,845

Product code	Product description	Quarter and year	No. of cos.	Total production		Quantity		Value	Stocks 1/
		Second quarter 2010	30	8,158,018	a/r/	2,073,251	a/	164,200	304,496
		First quarter 2010	30	8,008,006	a/	1,903,967	a/r/	133,531	332,120
		Total		30,421,689	a/	8,395,674	b/	670,593	(X)
		Fourth quarter 2009		8,009,744	b/	2,083,540	c/	135,642	b/ 370,391
		Third quarter 2009		8,684,408	a/	2,237,589	b/	144,535	394,820
		Second quarter 2009		7,562,704	a/	2,174,390	a/	218,727	377,136
		First quarter 2009		6,164,833	a/	1,900,155	b/	171,689	364,013
3251881311	Sulfuric acid (100 percent), spent acid used in fortification	Total	c/	644,761		(X)		(X)	(X)
		Fourth quarter 2010	13	192,437	b/	(X)		(X)	(S)
		Third quarter 2010	13	132,901	c/	(X)		(X)	(S)
		Second quarter 2010	13	156,980	c/	(X)		(X)	(S)
		First quarter 2010	14	162,443	b/	(X)		(X)	(S)
		Total	b/	875,196		(X)		(X)	(X)
		Fourth quarter 2009	c/	198,855		(X)		(X)	(S)
		Third quarter 2009	b/	249,089		(X)		(X)	(S)
		Second quarter 2009	b/	219,263		(X)		(X)	(S)
		First quarter 2009	b/	207,989		(X)		(X)	(S)
3251881400	Sulfuric acid (100 percent), total new acid 6/	Total		32,872,492		(X)		(X)	(X)
		Fourth quarter 2010	31	8,502,805		(X)		(X)	(X)
		Third quarter 2010	31	8,743,061		(X)		(X)	(X)
		Second quarter 2010	31	7,893,197		(X)		(X)	(X)
		First quarter 2010	31	7,733,429		(X)		(X)	(X)
		Total		28,784,888		(X)		(X)	(X)
		Fourth quarter 2009		7,663,551		(X)		(X)	(X)
		Third quarter 2009		8,216,240		(X)		(X)	(X)
		Second quarter 2009		7,116,860		(X)		(X)	(X)
		First quarter 2009		5,788,237		(X)		(X)	(X)

Footnotes:

1/Stocks held by producing companies include amounts held at their nonproducing locations.

2/Production represents total amount of ammonium nitrate produced including amounts for fertilizer, explosives, and other uses, and amounts consumed in manufacturing other products, such as nitrogen solutions. Stocks represent total stocks held by producing companies, including stock of original melt liquor and amounts (liquid and solid) reported as fertilizer, explosives, and other uses.

3/Solutions containing two or more products such as (a) ammonia, ammonium nitrate; (b) ammonia, urea; (c) ammonia, ammonium nitrate, urea.

4/Includes data for government-owned, contractor-operated plants.

5/Product code 3253124222 includes product codes 3253124111 and 3253124121.

6/Total new acid equals total gross acid, minus fortified spent acid and sulfuric acid produced from the decomposition of alkylation acids and other spent acids and sludge acid.

Table 3. Production, Exports, and Imports of Selected Fertilizers and Related Chemicals: 2010 and 2009
 [Quantity in thousands of metric tons]

Product code 1/	Product description	Year		Quantity produced	Imports for consumption 2/	Exports of domestic merchandise 3/
3253111120	Ammonia, synthetic anhydrous	2010	b/	10,083.3	6,742.3	(NA)
		2009	a/	9,371.6	5,505.4	(NA)
3253111201	Ammonium nitrate, original melt liquor	2010	b/	6,789.4	576.4	(NA)
		2009	b/	6,298.9	450.7	(NA)
3253111240	Ammonium sulfate	2010	a/	2,486.0	356.9	(NA)
		2009	a/	2,267.3	324.1	(NA)
3253111250	Nitrogen solutions, including mixtures 4/	2010	a/	3,241.0	2,206.4	(NA)
		2009		3,097.3	1,165.7	(NA)
3253114101	Urea original melt liquor	2010	c/	5,122.3	6,631.4	(NA)
		2009	a/	5,083.6	4,726.7	(NA)
3253121111	Phosphoric acid	2010		9,414.4	92.7	(NA)
		2009		8,656.2	90.0	(NA)
3253124213	Diammonium phosphates, phosphoric oxide content (100 percent P205)	2010		3,603.5	189.6	(NA)
		2009		3,627.4	22.2	(NA)
3251881100	Sulfuric acid	2010		32,547.0	2,106.8	215.2
		2009		29,144.5	1,264.8	254.1

Footnotes:

1/For comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

2/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

3/Source: Census Bureau report EM 545, U.S. Exports.

4/Product code 3253111250 (gross weight) includes product codes 3253111251 and 3253111256 (gross weight).

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Products Codes with Schedule B Export Codes and HTSUSA Import Codes: 2010

Product code	Product description	Export code 1/	Import code 2/
3253111120	Ammonia, synthetic anhydrous	2814.10.0000	2814.10.0000
3253111201	Ammonium nitrate, original melt liquor	3102.30.0000	3102.30.0000
3253111240	Ammonium sulfate	3102.21.0000	3102.21.0000
3253111250	Nitrogen solutions, including mixtures	3102.80.0000	3102.80.0000
3253114101	Urea original melt liquor	3102.10.0000	3102.10.0000
3253121111	Phosphoric acid	2809.20.0010	2809.20.0010
		2809.20.0020	2809.20.0020
		2809.20.0030	2809.20.0030
3253124213	Diammonium phosphates phosphoric oxide content (100 percent P2O5)	3105.30.0000	3105.30.0000
3251881100	Sulfuric acid	2807.00.0000	2807.00.0000

Footnotes:

1/Source: 2010 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities, Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (2010).

Symbols:

- (D) - Withheld to avoid disclosing data of individual companies.
- (X) - Not applicable.
- (NA) - Not available.
- r/ - Revised by 5 percent or more from previously published data.
- (n.e.c.) - Not elsewhere classified.
- (n.s.k.) - Not specified by kind.
- (nehp) - Net engine horsepower
- (btuh) - British thermal units per hour
- (pt.) Part.
- Represents zero.
- N - Nitrogen content.
- P2O5 - Phosphoric oxide content.

Estimation symbols - Percent of estimation for each item is indicated as follows:

- a/ - 10 to 19 percent of this item has been estimated.
- b/ - 20 to 29 percent of this item has been estimated.
- c/ - 30 to 49 percent of this item has been estimated.
- (S) - Withheld because estimates did not meet publication standards

Historical Note

The Census Bureau has collected data on inorganic fertilizer chemicals and sulfuric acid since 1941.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>