

# Inorganic Fertilizer Materials and Related Products

## Summary

1999

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Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1997 Manufacturing Profiles, issued August 1999.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: [www.stat-usa.gov/](http://www.stat-usa.gov/).

NOTE: Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see [www.census.gov/epcd/www/naics.html](http://www.census.gov/epcd/www/naics.html).

### Summary of Findings

United States production of sulfuric acid in 1999 totaled 44,756,094 short tons (100 percent H<sub>2</sub>SO<sub>4</sub>, approximately 8 percent below the 1998 figure of 48,512,520 short tons.

Production of synthetic ammonia, nitric acid, and ammonium compounds decreased 6 percent to 37,128,412 short tons in 1999 from the 1998 level of 39,626,022 short tons. Phosphoric acid production decreased 1 percent to 13,708,086 short tons in 1999 from the 1998 level of 13,891,205 short tons.

Production of superphosphate and other phosphatic fertilizer materials for 1999 decreased 9 percent to 9,324,738 short tons (100 percent P<sub>2</sub>O<sub>5</sub>).

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Walter Hunter, Jr., 301-457-4798.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

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Table 1. Summary of Production of Principal Inorganic Fertilizers: 1995 to 1999  
 [Quantity in thousands of short tons]

Quarter and year	Ammonia, synthetic anhydrous (3253111120) (100 percent)	Ammonium nitrate, original melt liquor (3253111201) (100 percent)	Ammonium sulfate (3253111240) (100 percent)	Urea (3253114000) (100 percent)	Nitric acid (3253111111) (100 percent)	Phosphoric acid (3253121000) (100 percent P2O5)	Sulfuric acid, gross (3251881000) (100 percent)	Phosphatic fertilizer materials (3253124000) (100 percent P2O5)
<b>1999</b>								
Total..... r/	17,337	7,971	2,875	8,907	8,945	13,708	44,756	9,325
Fourth quarter..... r/	4,674	2,074	739	2,489	2,364	3,376	11,303	2,202
Third quarter..... r/	3,906	1,821	698	1,912	1,970	3,359	11,190	2,334
Second quarter..... r/	4,495	1,959	744	2,297	2,215	3,461	11,023	2,377
First quarter..... r/	4,262	2,117	695	2,209	2,396	3,511	11,240	2,412
<b>1998</b>								
Total.....	18,475	9,079	2,787	8,865	9,285	13,891	48,513	10,260
Fourth quarter.....	4,552	2,321	697	2,266	2,411	3,397	12,076	2,508
Third quarter.....	4,537	2,162	672	2,310	2,240	3,390	11,751	2,438
Second quarter.....	4,689	2,362	720	2,176	2,350	3,459	12,459	2,723
First quarter.....	4,697	2,234	698	2,113	2,284	3,645	12,227	2,590
<b>1997</b>								
Total.....	17,891	8,604	2,702	8,304	9,433	13,159	47,929	10,473
Fourth quarter.....	4,616	2,194	702	1,964	2,400	3,481	12,132	2,644
Third quarter.....	4,403	2,010	697	1,952	2,186	3,213	12,230	2,603
Second quarter.....	4,467	2,207	709	2,134	2,421	3,251	11,957	2,670
First quarter.....	4,405	2,195	594	2,254	2,426	3,214	11,611	2,557
<b>1996</b>								
Total.....	17,923	8,498	2,662	8,548	9,205	13,210	47,770	10,547
Fourth quarter.....	4,559	2,183	685	2,154	2,477	3,387	12,160	2,688
Third quarter.....	4,365	1,983	686	2,025	2,163	3,451	12,438	2,849
Second quarter.....	4,404	2,144	657	2,135	2,288	3,130	11,365	2,412
First quarter.....	4,595	2,188	633	2,234	2,277	3,242	11,808	2,598
<b>1995</b>								
Total.....	17,403	8,489	2,647	8,120	8,840	13,134	47,519	10,365
Fourth quarter.....	4,367	2,190	683	2,048	2,269	3,350	12,104	2,691
Third quarter.....	4,279	1,899	633	1,960	1,984	3,183	11,910	2,529
Second quarter.....	4,402	2,169	681	2,052	2,237	3,274	11,878	2,551
First quarter.....	4,354	2,231	649	2,059	2,350	3,327	11,627	2,594

r/Revised by 5 percent or more from previously published data.

Note: Data for 1998 and 1997 have been revised based on the reconciliation of data from the quarterly report, MQ325B, and the 1998 annual report, MA325B(98)-1, issued January 2000.

Table 2. Primary Production of Inorganic Fertilizer Chemicals by Quarter: 1999 and 1998  
[Short tons]

Product code	Product description	Year	Total	First quarter	Second quarter	Third quarter	Fourth quarter
3251881000	Sulfuric acid, gross, new and fortified.....	1999...	44,756,094	11,240,289	11,023,436	11,189,844	11,302,525
		1998...	48,512,520	12,226,999	12,458,724	11,750,925	1,207,5872
3251881212	Oleum grades.....	1999...	1,863,674 r/	502,267	404,682	425,357 r/	531,368
		1998...	1,828,068	463,839	462,317	447,730	454,182
3251881231	Other than oleum grades.....	1999...	42,892,420	10,738,022	10,618,754	10,764,487	10,771,157
		1998...	46,684,452	11,763,160	11,996,407	11,303,195	11,621,690
3251881131	Produced through decomposition of alky- lation and other spent acid 1/.....	1999...	3,763,883 r/	706,960 r/	993,894 r/	1,046,122 r/	1,016,907
		1998...	4,852,417	1,184,796	1,329,468	1,264,121	1,074,032
3251881300	New acid 2/.....	1999...	40,992,211	10,533,329	10,029,542	10,143,722	10,285,618
		1998...	43,660,103	11,042,203	11,129,256	10,486,804	11,001,840
	Stocks on hand, end of quarter.....	1999...	(NA)	881,384 r/	729,661	707,693	681,504
		1998...	(NA)	1,143,639	990,082	1,084,341	1,093,714
3253111000	Ammonia, synthetic anhydrous (100 percent percent NH3):						
	Production.....	1999... r/	17,336,685 r/	4,261,647 r/	4,494,973 r/	3,905,878 r/	4,674,187
		1998...	18,474,938	4,696,570	4,689,215	4,537,347	4,551,806
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
3253111120	Fertilizer use:						
	Production.....	1999...	15,252,599 r/	3,723,708 r/	3,985,250 r/	3,355,870 r/	4,187,771
		1998...	15,860,629	4,058,987	3,995,632	3,877,832	3,928,178
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
3253111131	Other uses:						
	Production.....	1999...	2,084,086 r/	537,939 r/	509,723	550,008 r/	486,416
		1998...	2,614,309	637,583	693,583	659,515	623,628
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
	Ammonium nitrate (100 percent NH4NO3):						
3253111201	Original melt liquor 3/:						
	Production.....	1999...	7,971,269	2,117,473	1,959,041	1,820,800	2,073,955
		1998...	9,078,598	2,234,296	2,361,752	2,162,007	2,320,543
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
	Total production:						
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN):						
	Production.....	1999...	181,248	43,737	37,073	36,123	64,315
		1998...	253,242	62,279	69,697	69,000	52,266
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions:						
	Production.....	1999...	3,370,500 r/	895,216 r/	830,121 r/	783,824 r/	861,339
		1998...	4,039,660	913,451	1,033,287	992,335	1,100,587
	Stocks on hand, end of quarter.....	1999...	(NA)	(D) r/	28,447 r/	36,568 r/	49,473
		1998...	(NA)	58,064	20,822	40,004	78,297
3253111221	High density prill and granular:						
	Production.....	1999...	2,989,301 r/	832,670 r/	752,280 r/	625,335 r/	779,016
		1998...	2,605,267	705,656	747,453	535,983	616,175
	Stocks on hand, end of quarter.....	1999...	(NA)	65,822 r/	62,622 r/	58,022	73,514
		1998...	(NA)	26,328	26,418	49,399	37,972
3253111226	Low density prill and grained:						
	Production.....	1999...	945,849 r/	229,760 r/	218,485 r/	243,084 r/	254,520
		1998...	1,657,069	418,542	381,888	442,039	414,600
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
3253111231	All other (e.g., liquor sales, etc.)						
	Production.....	1999...	484,371	116,090	121,082	132,434	114,765
		1998...	523,360	134,368	129,427	122,650	136,915
	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	10,335	(D)
3253111240	Ammonium sulfate (100 percent (NH4)2 SO4):						
	Production.....	1999...	2,875,239	694,791	743,698	697,664 r/	739,086
		1998...	2,787,394	698,143	719,792	672,052	697,407
	Stocks on hand, end of quarter.....	1999...	(NA) r/	201,919 r/	196,075 r/	172,258 r/	232,118
		1998...	(NA)	212,125	119,695	79,790	212,056

Table 2. Primary Production of Inorganic Fertilizer Chemicals by Quarter: 1999 and 1998  
[Short tons]

Product code	Product description	Year	Total	First quarter	Second quarter	Third quarter	Fourth quarter		
3253111111	Nitric acid (100 percent HNO3):	Production.....	1999...	8,945,219	2,396,003	2,214,540	1,970,310	2,364,366	
			1998...	9,285,092	2,284,374	2,349,524	2,240,013	2,411,181	
		Stocks on hand, end of quarter.....	1999...	(NA)	(X)	(X)	(X)	(X)	
			1998...	(NA)	(X)	(X)	(X)	(X)	
3253111250	Nitrogen solutions, including mixtures containing urea (100 percent N):	Production.....	1999...	3,894,228	1,015,819	1,003,991	876,502	997,916	
			1998...	3,888,148	861,436	919,602	977,421	1,129,689	
		Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)	
			1998...	(NA)	(D)	(D)	(D)	(D)	
3253111251	Solutions containing ammonium nitrate/ urea:	Production.....	1999...	3,822,712	999,991	983,265	859,781 r/	979,675	
			1998...	3,803,810	842,458	896,398	956,227	1,108,727	
		Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)	
			1998...	(NA)	(D)	(D)	(D)	(D)	
3253111256	All other solutions:	Production.....	1999...	71,516 r/	15,828 r/	20,726 r/	16,721 r/	18,241	
			1998...	84,338	18,978	23,204	21,194	20,962	
		Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)	
			1998...	(NA)	(D)	(D)	(D)	(D)	
3253121000	Phosphoric acid (100 percent P2O5):	Production.....	1999...	13,708,086	3,511,377	3,460,967	3,359,332	3,376,410	
			1998...	13,891,205	3,644,976	3,458,730	3,390,278	3,397,191	
		Stocks on hand, end of quarter.....	1999...	(NA) r/	196,192 r/	233,048 r/	223,856 r/	219,352	
			1998...	(NA)	203,716	210,681	198,207	224,721	
3253121111	Thermal:	Production.....	1999...	285,688 /a/	75,501	68,620 a/	66,593 r/	74,974	
			1998...	310,830	86,189	86,201	66,305	72,135	
		Stocks on hand, end of quarter.....	1999...	(NA) r/	8,132 r/	5,962	(D) r/	4,389	
			1998...	(NA)	7,335	8,991	(S)	5,386	
3253121121	Wet:	Production.....	1999...	13,422,398	3,435,876	3,392,347	3,292,739	3,301,436	
			1998...	13,580,375	3,558,787	3,372,529	3,323,973	3,325,086	
		Stocks on hand, end of quarter.....	1999...	(NA) r/	188,060 r/	227,086 r/	(D) r/	214,963	
			1998...	(NA)	196,381	201,690	198,207	219,335	
3253121211	By use:	Fertilizer:	Production.....	1999...	12,706,730	3,258,233	3,208,328	3,127,172	3,112,997
				1998...	12,692,628	3,334,437	3,143,748	3,116,176	3,098,267
			Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
				1998...	(NA)	(D)	(D)	(D)	(D)
3253121221	Feed and other:	Production.....	1999...	715,668	177,643	184,019	165,567	188,439	
			1998...	887,747	224,350	228,781	207,797	226,819	
		Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)	
			1998...	(NA)	(D)	(D)	(D)	(D)	
3253121311	By grade:	Ortho (less than 65 percent P2O5):	Production.....	1999...	11,939,533	3,047,707	(D)	(D)	2,915,154
				1998...	12,028,030	3,178,525	2,987,792	2,928,062	2,933,651
			Stocks on hand, end of quarter.....	1999...	(NA) r/	164,204 r/a/	204,946 r/	196,950 r/	193,948
				1998...	(NA)	172,391	(D)	174,991	197,033
3253121321	Super (more than 65 percent P2O5):	Production.....	1999...	1,482,865	388,169	(D)	(D) r/	386,282	
			1998...	1,552,345	380,262	384,737	395,911	391,435	
		Stocks on hand, end of quarter.....	1999...	(NA)	23,856	22,140	20,196	21,015	
			1998...	(NA)	23,367	(D)	20,851	22,302	
3253114000	Urea original melt liquor (100 percent urea):	Production.....	1999... r/	8,906,816 r/	2,208,572	2,297,205	1,911,856	2,489,183	
			1998...	8,864,978	2,112,842	2,176,107	2,309,845	2,266,184	
		Stocks on hand, end of quarter.....	1999...	(NA) r/	173,531 r/	138,734 r/	86,554	225,216	
			1998...	(NA)	373,671	296,101	328,217	259,673	
3253114011	Total production:	Consumed in the manufacture of urea-ammonium nitrate solutions:	Production.....	1999...	2,606,488	707,106	663,132	533,158	703,092
				1998...	3,032,423	667,406	698,842	784,034	882,141
			Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
				1998...	(NA)	(D)	(D)	(D)	(D)
3253114021	Prills:	Production.....	1999...	1,843,709 r/	481,232 r/	492,042 r/	365,711	504,724	
			1998...	2,010,212	501,468	508,418	491,455	508,871	
		Stocks on hand, end of quarter.....	1999...	(NA) r/	65,187 r/	36,032 r/	33,784 r/	99,373	
			1998...	(NA)	57,168	77,004	107,477	115,975	
3253114031	Granular:	Production.....	1999...	4,187,313	943,143	1,080,489	950,270	1,213,411	
			1998...	3,544,066	878,474	884,970	972,536	808,086	

Table 2. Primary Production of Inorganic Fertilizer Chemicals by Quarter: 1999 and 1998  
[Short tons]

Product code	Product description	Year	Total	First quarter	Second quarter	Third quarter	Fourth quarter
3253114041	Stocks on hand, end of quarter.....	1999...	(NA) r/	73,219 r/	74,475 r/	49,499 r/	104,688
		1998...	(NA)	38,163	84,897	145,499	129,991
3253114041	All other (solid and solution): Production.....	1999...	269,306 r/	77,091 r/	61,542 r/	62,717 r/	67,956
		1998...	278,277	65,494	83,877	61,820	67,086
3253124000	Stocks on hand, end of quarter.....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
3253124000	Superphosphates and other phosphatic fertilizer materials: Production (100 percent P2O5).....	1999...	9,324,738	2,412,242	2,376,865	2,333,705	2,201,926
		1998...	10,259,620	2,589,876	2,722,945	2,438,393	2,508,406
3253124111	Shipments, including interplant transfers (100 percent P2O5).....	1999...	9,768,711	2,435,413 r/	2,530,411	2,422,869	2,380,018
		1998...	10,292,005	2,612,826	2,709,231	2,357,552	2,612,396
3253124111	Stocks on hand, end of quarter (gross weight).....	1999...	(NA) r/	734,514	674,388	715,786	632,049
		1998...	(NA)	709,406	647,271	786,205	627,842
3253124111	Normal and enriched superphosphates: 4/ Production (100 percent P2O5).....	1999...	(D)	(D)	(D)	(D)	(D)
		1998...	(D)	(D)	(D)	(D)	(D)
3253124111	Shipments, including interplant transfers (100 percent P2O5).....	1999...	(D)	(D)	(D)	(D)	(D)
		1998...	(D)	(D)	(D)	(D)	(D)
3253124121	Stocks on hand, end of quarter (gross weight).....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	(D)	(D)	(D)	(D)
3253124121	Concentrated superphosphates (triple) (over 40 percent P2O5): 4/ Production (100 percent P2O5).....	1999...	(D)	(D)	(D)	(D)	(D)
		1998...	657,401	176,477	194,334	177,696	108,894
3253124121	Shipments, including interplant transfers (100 percent P2O5).....	1999...	(D)	(D)	(D)	(D)	(D)
		1998...	632,253	178,634	171,925	173,032	108,662
3253124121	Stocks on hand, end of quarter (gross weight).....	1999...	(NA)	(D)	(D)	(D)	(D)
		1998...	(NA)	83,798	117,024	99,242	90,468
3253124131	Ammonium phosphates: Monoammonium phosphates: Production (100 percent P2O5).....	1999...	1,847,479 r/	518,935 r/	422,997 r/	423,048 r/	482,499
		1998...	2,017,501	559,673	519,512	530,486	407,830
3253124131	Shipments, including interplant transfers (100 percent P2O5).....	1999...	1,847,479	518,935	422,997	423,048	482,499
		1998...	2,007,906	531,310	525,596	506,986	444,014
3253124131	Stocks on hand, end of quarter (gross weight).....	1999...	(NA)	179,687	142,361	137,706	189,637
		1998...	(NA)	156,190	161,429	207,299	146,570
3253124211	Diammonium phosphates: Production (100 percent P2O5).....	1999...	6,832,250	1,729,402	1,784,081	1,766,592	1,552,175
		1998...	7,224,314	1,739,056	1,897,794	1,670,480	1,916,984
3253124211	Shipments, including interplant transfers (100 percent P2O5).....	1999...	7,234,787	1,731,127 r/	1,931,423	1,841,606	1,730,631
		1998...	7,299,134	1,800,005	1,883,227	1,622,336	1,993,566
3253124222	Stocks on hand, end of quarter (gross weight).....	1999...	(NA) r/	419,321	394,756	439,539	284,812
		1998...	(NA)	395,301	323,739	429,231	329,208
3253124222	Other ammonium phosphates and other phosphatic fertilizer materials: Production (100 percent P2O5).....	1999...	60,089	(D)	(D) r/	12,340	14,387
		1998...	360,404	114,670	111,305	59,731	74,698
3253124222	Shipments, including interplant transfers (100 percent P2O5).....	1999...	128,262	36,549	36,153	26,740	28,820
		1998...	352,712	102,877	128,483	55,198	66,154
3253124222	Stocks on hand, end of quarter (gross weight).....	1999...	(NA)	(D)	47,952	(D)	(D)
		1998...	(NA)	74,117	45,079	50,433	61,596

D Withheld to avoid disclosing data for individual companies. NA Not available. r/Revised 5 percent or more from previously published data. S Does not meet publication standards. X Not applicable.

1/Represents gross production of sulfuric acid less acid produced through decomposition and spent acid used in fortification.

2/Spent acid fortified by the addition of sulfur trioxide.

3/Represents total amount of original melt liquor produced, including amounts used for fertilizer, explosive, and other uses and amounts consumed in manufacturing other products, such as nitrogen solutions.

4/"Normal and enriched superphosphates" (3253124111) is combined with "Concentrated superphosphates" (3253124121) to avoid disclosing data for individual companies.

Note: The 1999 and 1998 stocks on hand, end of quarter, were originally published in the Current Industrial Report series, MQ325B, "Inorganic Fertilizer Materials and Related Products." Detail may not add to total because of independent rounding.

Table 3. Production, Exports, Imports, and Apparent Consumption of Fertilizer Materials: 1999 and 1998  
[Quantity in thousands of metric tons]

Product code	Product description	Production (quantity)	Exports of domestic merchandise 1/ (quantity)	Percent exports to production (quantity)	Imports for consumption 2/ (quantity)	Apparent consumption 3/ (quantity)	Percent imports to apparent consumption (quantity)
1999							
325311120	Ammonia, synthetic anhydrous.....	15,727,841	(D)	(D)	(D)	(D)	(D)
3253111201	Ammonium nitrate, original solution.....	7,231,535	28,232	0.4	934,762	8,138,065	11.5
3253111250	Nitrogen solutions, ammonium nitrate/urea solutions.....	3,532,844	22,505	0.6	613,710	4,124,049	14.9
3253111240	Ammonium sulfate.....	2,608,417	1,068,286	41.0	342,172	1,882,303	18.2
3253114000	Urea.....	8,080,264	889,691	11.0	3,263,876	10,454,449	31.2
3253121000	Phosphoric acid.....	12,435,976	(D)	(D)	56,011	(D)	(D)
3253144111	Normal and enriched superphosphates 4/....	(D)	(D)	(D)	(D)	(D)	(D)
3253144121	Concentrated superphosphates 4/.....	(D)	634,093	(D)	-	(D)	-
3253144211	Diammonium phosphates.....	14,688,140	10,495,848	71.5	35,598	4,227,890	0.8
3251881000	Sulfuric acid, gross.....	40,602,729	154,895	0.4	1,368,636	41,816,470	3.3
1998							
3253111120	Ammonia, synthetic anhydrous.....	16,760,464	(D)	(D)	(D)	(D)	(D)
3253111201	Ammonium nitrate, original solution.....	8,236,104	54,785	0.7	759,194	8,940,513	8.5
3253111250	Nitrogen solutions, ammonium nitrate/urea solutions.....	3,527,328	52,605	1.5	633,457	4,108,180	15.4
3253111240	Ammonium sulfate.....	2,528,724	1,050,302	41.5	318,542	1,796,964	17.7
3253114000	Urea.....	8,042,308	840,559	10.5	3,323,938	10,525,687	31.6
3253121000	Phosphoric acid.....	12,602,101	(D)	(D)	84,483	(D)	(D)
3253144111	Normal and enriched superphosphates 4/....	(D)	(D)	(D)	(D)	(D)	(D)
3253144121	Concentrated superphosphates 4/.....	1,333,210	622,486	46.7	-	710,724	-
3253144211	Diammonium phosphates.....	12,510,832	9,869,749	78.9	43,866	2,684,949	1.6
3251881000	Sulfuric acid, gross.....	44,010,558	155,488	0.4	2,043,064	45,898,134	4.5

- Represents zero. D Withheld to avoid disclosing data for individual companies.

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

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

3/Apparent consumption is derived by subtracting exports from manufacturers' production plus imports. Apparent consumption does not include any adjustments for changes in inventories.

4/Product code (3253144111) "Normal and enriched superphosphates" is combined with product code (3253144211) "Concentrated superphosphates" to avoid disclosing data for individual companies.

Note: For comparison of North American Industry Classification System-Based product codes, Schedule B export numbers and HTSUSA import numbers, see Table 4.

**Table 4. Comparison of North American Industry Classification System-Based Products Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 1999**

<b>Product code</b>	<b>Product description</b>	<b>Export number</b>	<b>Import number</b>
3253111120	Anhydrous ammonia, synthetic.....	2814.10.0000 2814.20.0000	2814.10.0000 2814.20.0000
3253111201	Ammonium nitrate, original solution.....	3102.30.0000	3102.30.0000
3253111240	Ammonium sulfate.....	3102.21.0000	3102.21.0000
3253111250	Nitrogen solutions, ammonium nitrate/ urea solutions.....	3102.80.0000	3102.80.0000
3253114000	Urea.....	3102.10.0000	3102.10.0000
3253121000	Phosphoric acid.....	2809.20.0010 2809.20.0020 2809.20.0030	2809.20.0010 2809.20.0020 2809.20.0030
3253124111	Normal and enriched superphosphates.....	3103.10.0010	3103.10.0010
3253124121	Concentrated superphosphates.....	3103.10.0020	3103.10.0020
3253124211	Diammonium phosphates.....	3105.30.0000	3105.30.0000
3251881000	Sulfuric acid.....	2807.00.0000	2807.00.0000