COMMERCIAL FERTILIZERS
CONSUMPTION FOR YEAR ENDED JUNE 30, 1982

Crop Reporting Board

Statistical Reporting Service

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CONTENTS

TABLE		PAGE
1.	U.S. Consumption of Fertilizers and Plant Nutrients, 1960-82	4
2.	Total Fertilizer Consumed, United States and Regions	6
3.	Consumption of Fertilizer Mixtures and Direct Application Materials	8
4.	Semi-annual Consumption of Fertilizer Mixtures and Materials	9
5.	Direct Application Nitrogen Materials Consumption	10
6.	Direct Application Nitrogen, and Secondary and Micronutrient Materials Consumption	12
7.	Direct Application Phosphate Materials Consumption	13
8.	Direct Application Potash and Natural Organic Materials Consumption	14
9.	Primary Plant Nutrient Consumption by Kind of Fertilizer	15
10.	Nitrogen Content of Direct Application Materials Consumed	21
11.	Available P_2O_5 Content of Direct Application Materials Consumed	22
12.	K_2O Content of Direct Application Materials Consumed	23
13.	Consumption of 15 Principal Grades by States, 1981	24
14.	Consumption of 15 Principal Grades by States, 1982	26
15.	Tonnages of the 150 Most Popular Mixtures Consumed	28
16.	Average Primary Nutrient Content of Mixtures and Direct Application Materials Consumed	29
17.	Consumption of Selected N-P Grades	30
18.	Consumption of Nitrogen Solutions by Direct Application	32
19.	Micronutrients Sold for Fertilizer in the U.S.	33
20.	Conversion Factors and Average Analyses	34

For Information Call: (202) 447-7621

TOTAL FERTILIZER CONSUMPTION DOWN 10 PERCENT

Fertilizer consumption in the U.S. and Puerto Rico during the year ended June 30, 1982 is placed at 48.7 million tons, down 10 percent from the 54.0 million tons consumed during the 1980-81 year.

Primary nutrient content (nitrogen, N; phosphate, P_2O_5, and potash, K_2O) was 21.5 million tons, down 9 percent from a year earlier. Nitrogen consumption decreased 7 percent to 11.1 million tons; phosphate usage at 4.8 million tons and potash consumption at 5.6 million tons were each down 11 percent.

The five leading States in order of total consumption and the change in consumption from the year ended June 30, 1981 were: Illinois, up 1 percent; Iowa, down 10 percent; California, down 17 percent; Indiana, down 5 percent and Texas, down 17 percent.

Fertilizer consumption represents all commercial fertilizer tonnage sold or shipped for farm and non-farm use as fertilizer. Materials used in the manufacture of registered mixes or for use in other fertilizers are excluded.

DIRECT APPLICATION MATERIALS DECREASED 8 PERCENT

Usuage of all direct application materials decreased 8 percent during the 1981-82 fertilizer year to 27.9 million tons. Primary nutrient materials (N, P_2O_5, K_2O) accounted for 26.2 million compared with 28.2 million tons a year earlier. Secondary and micronutrient materials decreased from 2.2 million tons in 1980-81 to 1.8 million tons in 1981-82.

MICRONUTRIENTS SOLD FOR USE AS FERTILIZER

Sales of selected micronutrient elements for use as fertilizer were obtained from known producers. The tonnages shown in Table 19 for iron, manganese, copper and zinc indicate heavier useage in 1981-82 than in the previous fertilizer year.

DATA SOURCES AND RELEASE DATES

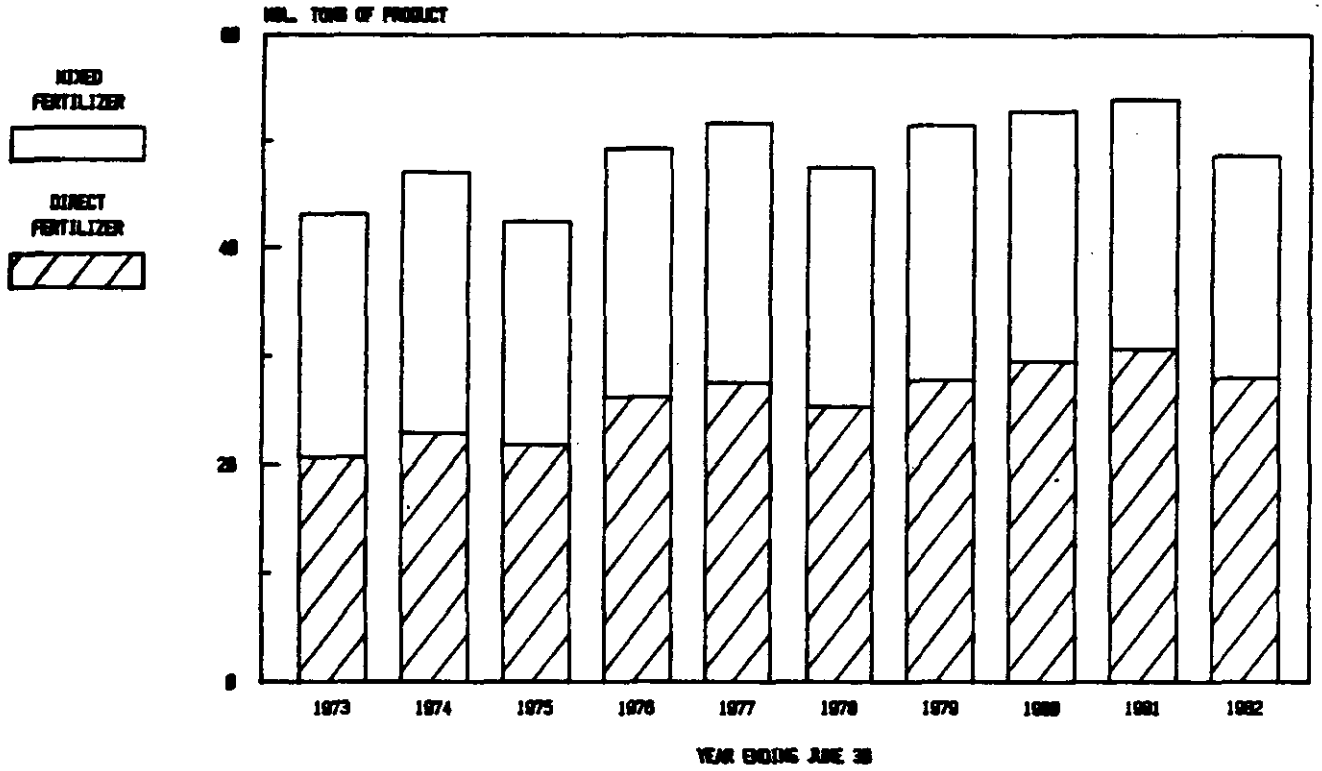
This report, compiled by the Crop Reporting Board of the Statistical Reporting Service, is based on fertilizer tonnage reports prepared by State Fertilizer Control Officials and the voluntary response of more than 1,500 fertilizer manufacturers, blenders and sales outlets. The 1981-82 State fertilizer tonnage reports for New Hampshire, Vermont and the last 6 months of Delaware and Montana were not available in time for this release. Therefore, the previous year's consumption data for these periods were used in this report for those States were estimated based on the previous year and other current data available.

Current year consumption data will be subject to revision one year from the publication date of this report.

TABLE 1.--UNITED STATES CONSUMPTION OF FERTILIZERS AND PLANT NUTRIENTS
1960-1982

YEAR ENDED JUN 30	TOTAL CONSUMPTION							
	GROSS TONNAGES				PRIMARY NUTRIENT CONTENT			
	MIXED FERTI-LIZER	PRIMARY NUTRIENT MATERIAL	SECONDARY & MICRO-NUTRIENTS	TOTAL	N	AVAILABLE P_2O_5	K_2O	TOTAL
	1,000 TONS							
1960	15,650	7,850	1,378	24,877	2,738.0	2,572.4	2,153.3	7,463.7
1961	15,735	8,639	1,194	25,567	3,030.8	2,645.1	2,168.5	7,844.4
1962	16,205	9,100	1,310	26,615	3,370.0	2,807.0	2,270.5	8,447.5
1963	17,157	10,229	1,459	28,844	3,929.1	3,072.9	2,503.4	9,505.4
1964	18,093	11,113	1,475	30,681	4,352.8	3,377.8	2,729.7	10,460.3
1965	18,559	11,756	1,521	31,836	4,638.5	3,512.2	2,834.5	10,985.2
1966	19,659	13,412	1,461	34,532	5,326.3	3,897.1	3,221.2	12,444.6
1967	21,132	14,552	1,397	37,081	6,027.1	4,304.7	3,641.8	13,973.6
1968	21,294	15,832	1,617	38,743	6,787.6	4,453.3	3,792.6	15,033.5
1969	21,234	16,380	1,334	38,949	6,957.6	4,665.6	3,891.6	15,514.8
1970	20,961	17,331	1,297	39,589	7,459.0	4,573.8	4,035.5	16,068.3
1971	21,513	18,389	1,216	41,118	8,133.6	4,803.4	4,231.4	17,168.4
1972	21,511	18,385	1,310	41,206	8,022.3	4,863.7	4,326.8	17,212.8
1973	22,547	19,275	1,466	43,288	8,295.1	5,085.2	4,648.7	18,029.0
1974	24,067	20,897	2,130	47,094	9,157.2	5,098.6	5,082.6	19,338.4
1975	20,647	19,959	1,878	42,484	8,600.8	4,506.8	4,453.2	17,560.9
1976	22,958	23,935	2,296	49,189	10,411.6	5,227.6	5,209.7	20,848.8
1977	24,099	24,999	2,525	51,624	10,647.4	5,629.7	5,833.8	22,110.9
1978	22,110	23,511	1,877	47,497	9,964.6	5,096.1	5,526.1	20,586.9
1979	23,742	25,600	2,139	51,480	10,714.7	5,605.8	6,244.5	22,565.1
1980	23,270	27,221	2,296	52,787	11,406.7	5,431.5	6,245.1	23,083.3
1981	23,525	28,236	2,227	53,988	11,923.8	5,434.4	6,319.5	23,677.7
1982	20,815	26,164	1,754	48,733	11,078.9	4,818.2	5,614.0	21,511.1

CONSUMPTION OF MIXED FERTILIZERS AND DIRECT APPLICATION MATERIALS



PLANT NUTRIENT CONSUMPTION

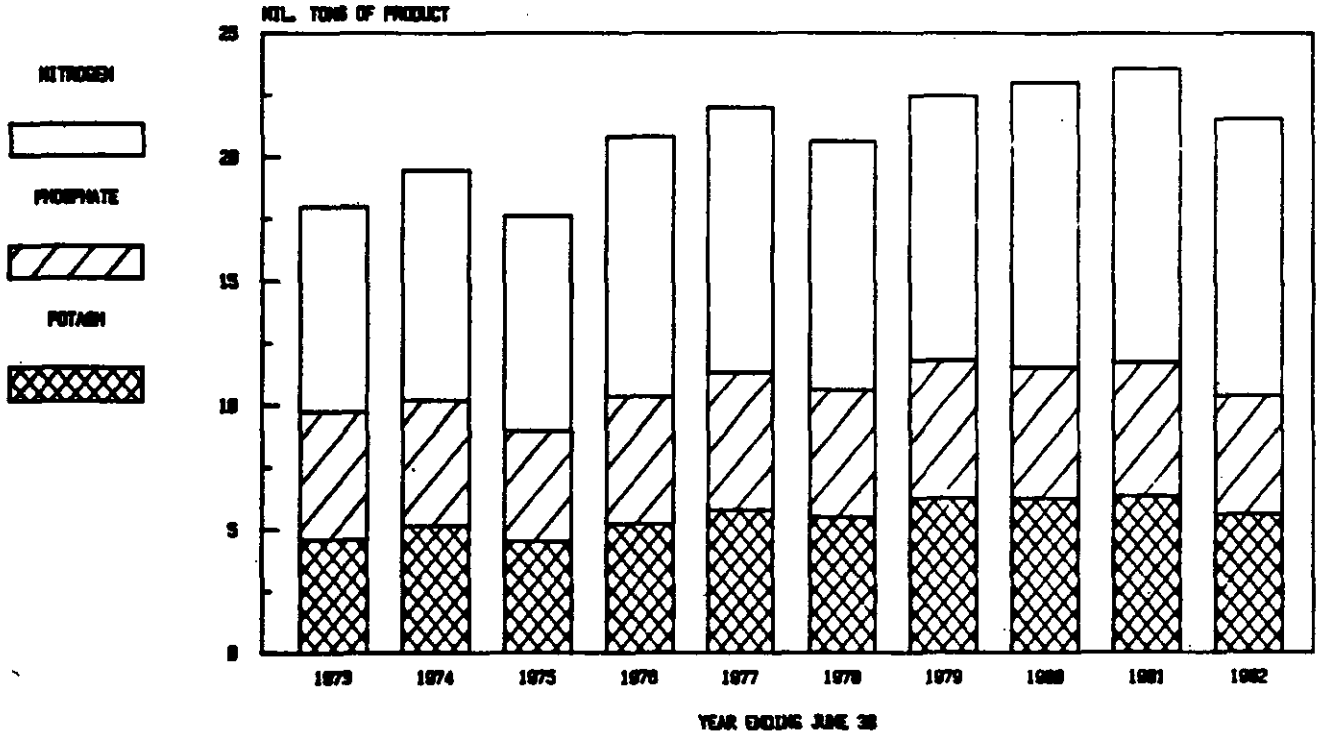


TABLE 2 -- TOTAL FERTILIZER CONSUMED, UNITED STATES AND REGIONS, YEARS ENDED JUNE 30, 1981 AND 1982 1/ 2/

KIND	UNITED STATES 1981	UNITED STATES 1982	1982 NEW ENGLAND	1982 MIDDLE ATLANTIC	1982 SOUTH ATLANTIC	1982 EAST NORTH CENTRAL
	TONS					
MIXTURES						
N-P-K	15,666,428	13,822,696	219,236	1,204,803	3,868,032	2,965,499
N-P	5,690,005	5,281,603	5,127	87,554	70,635	1,484,710
N-K	686,659	617,707	2,464	18,778	412,367	23,734
P-K	1,481,379	1,092,821	5,011	58,069	364,241	193,814
TOTAL	23,524,471	20,814,827	231,838	1,369,204	4,715,275	4,667,757
NITROGEN MATERIALS						
ANHYDROUS AMMONIA	5,684,606	5,247,325	123	34,925	53,270	1,391,514
AQUA AMMONIA	728,626	667,677	0	14	303	28,729
AMMONIUM NITRATE	3,020,738	2,538,102	2,673	28,227	290,665	139,214
AMMONIUM NITRATE-LIMESTONE	6,518	780	3	17	212	39
AMMONIUM SULFATE	846,445	727,120	1,387	13,971	22,584	47,716
CALCIUM CYANAMIDE	89	376	0	0	0	0
CALCIUM NITRATE	64,328	60,351	280	1,224	15,112	4,085
NITROGEN SOLUTIONS	7,270,118	7,238,266	2,748	260,931	1,158,777	2,097,966
SODIUM NITRATE	76,909	66,250	153	2,375	38,856	195
UREA	2,219,461	2,201,192	11,689	71,216	19,506	457,162
OTHER	401,402	407,438	2,277	7,956	26,027	80,834
TOTAL	20,319,240	19,154,877	21,333	420,856	1,625,312	4,247,454
NATURAL ORGANIC MATERIALS						
DRIED BLOOD	751	508	19	83	18	49
CASTOR POMACE	15	11	0	0	11	0
COMPOST	17,802	10,835	7,245	153	0	1,229
COTTONSEED MEAL	465	305	87	34	59	1
DRIED MANURE	135,533	134,488	7,864	18,788	37,992	19,897
ACTIVATED SEWAGE SLUDGE	41,449	35,957	791	3,013	11,793	18,810
OTHER SEWAGE SLUDGE	37,676	33,823	654	178	524	0
TANKAGE	749	1,524	1	57	237	0
OTHER	27,317	38,263	304	3,243	6,350	5,359
TOTAL	261,757	255,714	16,965	25,549	56,984	45,345
PHOSPHATE MATERIALS						
AMMONIUM PHOSPHATE 3/	485,946	402,857	1,550	9,584	5,255	4,213
BASIC SLAG	80,717	42,716	0	0	11,877	0
RAW AND STEAMED BONEMEAL	1,498	4,731	384	628	321	208
PHOSPHORIC SOLUTIONS	46,183	49,012	0	188	294	11,721
PHOSPHATE ROCK	6,080	3,651	37	377	516	772
COLLOIDAL PHOSPHATE	11,436	3,365	112	259	119	1,451
SUPERPHOSPHATE GRADES:						
18 PERCENT	27,984	27,851	0	396	498	26,895
19 PERCENT	5,422	4,171	0	0	3,801	0
20-22 PERCENT	79,118	41,651	284	346	14,553	1,155
23-44 PERCENT	348,149	279,376	480	13,393	7,880	144,259
45 PERCENT	216,416	154,647	0	97	0	16,640
46 PERCENT	457,712	340,951	1,774	16,435	6,808	206,238
47-54 PERCENT	29,376	60,555	0	14	0	2,625
OTHER	98,032	83,264	34	7,891	5,516	15,498
TOTAL	1,896,069	1,498,798	4,655	49,608	57,438	431,675
POTASH MATERIALS						
LIME POTASH	5,286	1,945	1	5	269	0
MANURE SALTS	5,994	8,107	16	1,082	3,580	1,743
POTASSIUM CHLORIDE	5,301,384	4,844,008	11,501	111,480	94,432	2,566,832
POTASSIUM MAGNESIUM SULFATE	133,691	122,826	1,062	4,546	21,901	28,298
POTASSIUM NITRATE 4/	4,380	8,156	91	560	6,756	105
POTASSIUM SODIUM NITRATE	74,323	67,076	10	1,371	59,912	171
POTASSIUM SULFATE	46,464	57,668	28	469	3,216	3,397
OTHER	187,342	144,328	345	2,034	24,322	43,489
TOTAL	5,758,864	5,254,114	13,054	121,547	214,388	2,644,035
SECONDARY AND MICRONUTRIENT MATERIALS						
ALUMINUM COMPOUNDS 5/	761	63	4	18	9	32
BORON COMPOUNDS 5/	9,487	15,507	80	4,151	2,815	2,060
CALCIUM SULFATE (GYPSUM)	1,760,758	1,370,191	122	589	287,866	6,357
COPPER COMPOUNDS 5/	3,173	3,622	1	17	1,742	447
IRON COMPOUNDS 5/	10,642	18,537	7	29	535	13
MAGNESIUM COMPOUNDS 5/	7,115	5,102	8	2,278	500	601
MANGANESE COMPOUNDS 5/	12,283	16,508	64	442	6,921	1,665
SULFUR 5/	133,402	72,757	5	163	3,607	839
SULFURIC ACID	39,920	27,583	0	6	277	0
ZINC COMPOUNDS 5/	50,637	62,515	2	160	1,990	2,714
OTHER	198,979	162,057	633	3,638	8,446	30,235
TOTAL	2,227,157	1,754,442	926	11,491	314,708	44,963
TOTAL ALL FERTILIZERS	53,987,558	48,732,772	288,771	1,998,255	6,984,105	12,081,229

SEE FOOTNOTES ON PAGE 7.

TABLE 2 -- TOTAL FERTILIZER CONSUMED, UNITED STATES AND REGIONS, YEARS ENDED JUNE 30, 1981 AND 1982 1/ 2/--CONTINUED

KIND	1982					
	WEST NORTH CENTRAL	EAST SOUTH CENTRAL	WEST SOUTH CENTRAL	MOUNTAIN	PACIFIC	ALASKA HAWAII PUERTO RICO
	TONS					
MIXTURES						
N-P-K	1,907,657	1,259,314	1,615,441	103,749	566,034	112,931
N-P	2,018,141	267,318	681,264	396,448	345,134	5,272
N-K	49,934	4,438	21,365	271	20,075	64,149
P-K	119,497	196,316	153,094	724	2,044	11
TOTAL	4,095,229	1,727,578	2,391,104	501,192	933,287	182,363
NITROGEN MATERIALS						
ANHYDROUS AMMONIA	2,612,010	121,278	471,170	282,527	280,508	0
AQUA AMMONIA	18,419	3,236	9,119	32,559	582,896	402
AMMONIUM NITRATE	515,336	605,659	517,502	280,448	157,911	395
AMMONIUM NITRATE-LIMESTONE	138	53	0	75	243	0
AMMONIUM SULFATE	37,450	1,902	136,127	192,023	271,935	2,025
CALCIUM CYANAMIDE	0	0	0	0	376	0
CALCIUM NITRATE	54	669	135	1,546	37,164	82
NITROGEN SOLUTIONS	1,768,494	278,150	565,320	393,369	694,217	18,294
SODIUM NITRATE	314	11,690	3,906	0	8,561	0
UREA	600,114	228,136	463,290	145,847	191,037	13,195
OTHER	20,455	1,947	15,325	87,008	163,739	1,870
TOTAL	5,564,784	1,252,920	2,181,974	1,415,394	2,388,587	36,263
NATURAL ORGANIC MATERIALS						
DRIED BLOOD	0	0	48	0	291	0
CASTOR POMACE	0	0	0	0	0	0
COMPOST	67	0	0	2,141	0	0
COTTONSEED MEAL	23	0	1	0	100	0
DRIED MANURE	2,911	1,985	2,783	3,301	38,967	0
ACTIVATED SEWAGE SLUDGE	887	0	50	0	503	110
OTHER SEWAGE SLUDGE	0	4,511	0	183	27,773	0
TANKAGE	42	1,187	0	0	0	0
OTHER	1,326	350	6,166	2,224	12,930	11
TOTAL	5,256	8,033	9,048	7,849	80,564	121
PHOSPHATE MATERIALS						
AMMONIUM PHOSPHATE 3/	18,175	2,406	53,359	102,078	206,104	133
BASIC SLAG	0	23,601	171	0	0	7,067
RAW AND STEAMED BONEMEAL	2	0	17	4	3,144	23
PHOSPHORIC SOLUTIONS	7,806	0	2,133	19,155	7,715	0
PHOSPHATE ROCK	1,214	0	24	0	523	188
COLLOIDAL PHOSPHATE	1,341	43	0	0	46	0
SUPERPHOSPHATE GRADES:						
18 PERCENT	8	0	0	0	54	0
19 PERCENT	28	322	0	0	20	0
20-22 PERCENT	4,229	5,380	845	1,292	13,567	0
23-44 PERCENT	74,465	15,699	526	8,232	12,442	0
45 PERCENT	67,386	1,204	6,323	41,845	21,152	0
46 PERCENT	40,540	42,691	21,821	3,714	156	774
47-54 PERCENT	2,402	42,363	0	7	13,134	10
OTHER	1,192	555	1,385	6,864	41,423	2,906
TOTAL	220,788	154,264	86,604	183,191	319,474	11,101
POTASH MATERIALS						
LIME POTASH	729	236	0	447	258	0
MANURE SALTS	1,607	0	79	0	0	0
POTASSIUM CHLORIDE	1,543,169	322,331	72,098	38,535	88,439	3,191
POTASSIUM MAGNESIUM SULFATE	37,168	6,643	6,964	10,102	4,034	108
POTASSIUM NITRATE 4/	0	0	0	0	550	94
POTASSIUM SODIUM NITRATE	20	4,548	1,641	3	0	0
POTASSIUM SULFATE	273	32,100	14	7,139	9,551	1,481
OTHER	26,616	1,277	23,944	1,835	6,052	14,414
TOTAL	1,609,582	367,135	104,140	58,061	102,884	19,288
SECONDARY AND MICRONUTRIENT MATERIALS						
ALUMINUM COMPOUNDS 5/	0	0	0	0	0	0
BORON COMPOUNDS 5/	4,351	151	114	44	1,741	0
CALCIUM SULFATE (GYPSUM)	24,837	2,624	0	54,428	993,368	0
COPPER COMPOUNDS 5/	254	0	0	109	1,052	0
IRON COMPOUNDS 5/	6,098	0	0	3,934	7,226	695
MAGNESIUM COMPOUNDS 5/	958	189	53	1	379	135
MANGANESE COMPOUNDS 5/	6,864	2	10	138	1,202	0
SULFUR 5/	25,737	38	543	11,900	29,933	0
SULFURIC ACID	0	128	349	637	26,166	0
ZINC COMPOUNDS 5/	24,846	196	579	13,086	18,907	35
OTHER	22,847	15,562	10,395	14,558	55,633	150
TOTAL	115,992	18,882	12,023	98,835	1,135,607	1,015
TOTAL, ALL FERTILIZERS	11,611,631	3,508,812	4,784,893	2,264,522	4,960,403	250,151

1/ EXCLUDES LIMING MATERIALS AND ALL MATERIALS USED IN MAKING MIXTURES.
2/ STATES THAT ARE INCLUDED IN EACH REGION ARE DETAILED IN TABLE 19.
3/ TOTAL OF 11-48-0, 13-39-0, 16-20-0, 21-53-0 AND 27-14-0.
4/ ADDITIONAL QUANTITIES MAY HAVE BEEN REPORTED BY GRADE UNDER MIXTURES; SEE TABLE 15.
5/ REPORTED FOR USE PRIMARILY AS DIRECT APPLICATION MATERIAL.

TABLE 3 -- CONSUMPTION OF FERTILIZER MIXTURES AND DIRECT APPLICATION MATERIALS, YEARS ENDED JUNE 30, 1981 AND 1982 1/

STATE	MIXTURES		DIRECT APPLICATION MATERIALS 2/				TOTAL		
			PRIMARY NUTRIENT		SECONDARY AND MICRO-NUTRIENT				
	1981	1982	1981	1982	1981	1982	1981	1982	1982 AS PERCENT OF 1981
	TONS								PERCENT
ALA	629,384	543,118	383,598	352,804	11,223	9,781	1,024,205	905,703	88
ALAS	5,005	4,360	4,055	9,425	0	0	9,060	13,785	152
ARIZ	62,607	71,568	297,564	247,232	70,688	48,438	430,859	367,238	85
ARK	369,351	314,818	511,009	496,336	3,534	3,451	883,894	814,605	92
CALIF	753,337	673,503	1,956,631	1,692,055	1,462,857	1,101,515	4,172,825	3,467,073	83
COLO	116,563	103,130	349,784	410,457	9,447	14,014	475,814	527,601	111
CONN	40,850	34,095	15,236	13,172	133	171	56,225	47,438	84
DEL	86,000	57,305	75,799	56,621	2,988	2,688	164,787	116,614	71
D C	7,792	7,600	1,047	983	50	50	8,889	8,633	97
FLA	1,718,140	1,594,243	314,338	312,153	41,498	28,251	2,077,976	1,934,647	93
GA	1,253,778	983,044	770,623	624,047	177,213	106,850	2,201,614	1,713,941	78
HAW	102,540	100,797	46,863	54,627	728	1,015	150,137	156,439	104
IDAHO	97,070	98,091	470,697	512,918	21,606	19,006	589,373	630,015	107
ILL	1,418,539	1,451,587	2,889,994	2,915,247	2,339	5,419	4,310,872	4,372,253	101
IND	1,341,435	1,195,239	1,404,124	1,402,739	7,820	6,837	2,753,379	2,604,815	95
IOWA	1,307,488	1,086,433	2,689,977	2,515,631	55,122	29,349	4,052,587	3,631,613	90
KANS	460,808	418,440	1,129,748	1,027,937	31,984	15,726	1,622,540	1,462,103	90
KY	536,309	508,367	603,271	593,731	9,734	6,909	1,149,314	1,109,007	96
LA	454,919	352,985	301,363	289,094	20,033	7,484	776,315	649,563	84
MAINE	88,011	84,827	12,907	9,377	27	0	100,945	94,204	93
MD	333,960	215,075	150,232	139,387	386	1,141	484,578	355,603	73
MASS	59,793	39,210	10,864	14,830	466	684	71,123	54,724	77
MICH	680,086	662,275	709,215	677,794	4,252	5,479	1,393,553	1,345,548	97
MINN	815,757	724,605	1,684,359	1,392,615	12,700	11,442	2,512,816	2,128,662	85
MISS	436,978	371,800	444,510	410,674	223	180	881,711	782,654	89
MO	1,301,130	1,006,377	577,684	489,718	8,150	5,468	1,886,964	1,501,563	80
MONT	133,444	150,300	201,562	239,008	6,121	3,619	341,127	392,927	115
NEBR	499,811	445,719	1,452,252	1,261,035	31,301	51,155	1,983,364	1,757,909	89
NEV	6,122	5,812	16,135	14,994	7,057	9,134	29,314	29,940	102
N H	20,317	21,316	4,332	4,332	1	1	24,650	25,649	104
N J	160,943	162,047	35,367	34,762	1,960	2,792	198,270	199,601	101
N MEX	35,742	30,632	67,353	68,503	1,392	3,743	104,487	102,878	98
N Y	443,926	432,701	209,667	184,625	2,302	4,406	655,895	621,732	95
N C	1,278,399	1,122,147	634,627	562,752	108,835	151,074	2,021,861	1,835,973	91
N DAK	269,255	263,614	465,639	429,610	2,086	2,408	736,980	695,632	94
OHIO	1,040,263	907,432	1,380,367	1,338,950	3,977	4,485	2,424,607	2,250,867	93
OKLA	298,079	260,712	549,894	493,581	1,140	653	849,113	754,946	89
OREG	99,006	105,149	477,678	468,292	16,739	14,761	593,423	588,202	99
PA	434,796	451,991	167,405	168,414	708	293	602,909	620,698	103
R I	9,790	10,087	2,101	2,381	0	0	11,891	12,468	105
S C	563,192	450,764	300,975	247,806	16,291	4,393	880,458	702,963	80
S DAK	162,102	149,841	312,636	283,864	320	424	475,058	434,129	91
TENN	431,764	304,293	451,286	405,143	3,085	2,012	886,135	711,448	80
TEX	1,712,216	1,462,589	1,362,443	1,102,755	1,015	435	3,075,674	2,565,779	83
UTAH	20,013	19,118	111,381	108,658	251	247	131,645	128,023	97
VT	44,285	42,303	12,448	11,915	84	70	56,817	54,288	96
VA	564,664	565,077	213,682	207,364	29,360	24,140	807,706	796,581	99
WASH	171,057	154,635	786,151	731,162	21,371	19,331	978,579	905,128	92
W VA	38,266	42,485	39,233	32,768	143	121	77,642	75,374	97
WISC	493,276	451,224	1,057,047	1,033,779	14,365	22,743	1,564,688	1,507,746	96
WYO	10,472	22,541	110,129	62,725	2,052	634	122,653	85,900	70
P R	105,609	77,206	4,448	2,721	0	0	110,057	79,927	73
TOTAL	23,524,471	20,814,627	28,235,930	26,163,503	2,227,157	1,754,442	53,987,558	48,732,772	90

1/ EXCLUDES LIMING MATERIALS.
2/ EXCLUDES MATERIALS USED IN COMMERCIAL MIXTURES.

TABLE 4 -- SEMIANNUAL CONSUMPTION OF FERTILIZER MIXTURES AND MATERIALS, YEAR ENDED JUNE 30, 1982 1/

STATE	MIXTURES			MATERIALS 2/			TOTAL MIXTURES AND MATERIALS JUL 1 1981 TO JUN 30 1982
	JUL 1 TO DEC 31 1981	JAN 1 TO JUN 30 1982	TOTAL	JUL 1 TO DEC 31 1981	JAN 1 TO JUN 30 1982	TOTAL	
				TONS			
ALA	146,925	396,193	543,118	91,314	271,271	362,585	905,703
ALAS	0	4,360	4,360	0	9,425	9,425	13,785
ARIZ	28,842	42,726	71,568	127,005	168,665	295,670	367,238
ARK	101,772	213,046	314,818	144,650	355,137	499,787	814,605
CALIF	291,614	381,889	673,503	1,472,809	1,320,761	2,793,570	3,467,073
COLO	34,236	68,894	103,130	191,636	232,835	424,471	527,601
CONN	5,742	28,353	34,095	3,224	10,119	13,343	47,438
DEL	12,045	45,260	57,305	12,536	46,773	59,309	116,614
D C	2,990	4,610	7,600	420	613	1,033	8,633
FLA	636,632	957,611	1,594,243	128,844	211,560	340,404	1,934,647
GA	252,294	730,750	983,044	180,193	550,704	730,897	1,713,941
HAW	61,664	39,133	100,797	36,338	19,304	55,642	156,439
IDAHO	50,125	47,966	98,091	190,385	341,539	531,924	630,015
ILL	716,882	734,705	1,451,587	1,102,983	1,817,683	2,920,666	4,372,253
IND	383,914	811,325	1,195,239	363,463	1,046,113	1,409,576	2,604,815
IOWA	508,487	578,146	1,086,633	1,069,115	1,475,865	2,544,980	3,631,613
KANS	273,762	144,678	418,440	491,898	551,765	1,043,663	1,462,103
KY	108,690	399,677	508,367	162,867	437,773	600,640	1,109,007
LA	87,940	265,045	352,985	87,851	208,727	296,578	649,563
MAINE	17,920	66,907	84,827	1,847	7,530	9,377	94,204
MD	38,340	176,735	215,075	38,685	101,843	140,528	355,603
MASS	9,945	29,265	39,210	3,524	11,990	15,514	54,724
MICH	142,317	519,958	662,275	208,910	474,363	683,273	1,345,548
MINN	311,377	413,228	724,605	675,608	728,449	1,404,057	2,128,662
MISS	112,249	259,551	371,800	120,667	290,187	410,854	782,654
MO	473,397	532,980	1,006,377	94,445	400,761	495,206	1,501,583
MONT	62,307	87,993	150,300	90,353	152,274	242,627	392,927
NEBR	107,696	338,023	445,719	332,497	979,693	1,312,190	1,757,909
NEV	1,456	4,356	5,812	7,293	16,835	24,128	29,940
N H	7,018	14,298	21,316	1,485	2,848	4,333	25,649
N J	37,193	124,854	162,047	7,984	29,570	37,554	199,601
N MEX	8,704	21,928	30,632	22,533	49,713	72,246	102,878
N Y	103,211	329,490	432,701	50,994	138,037	189,031	621,732
N C	193,145	929,002	1,122,147	116,796	597,030	713,826	1,835,973
N DAK	73,519	190,095	263,614	154,454	277,564	432,018	695,632
OHIO	249,780	657,652	907,432	433,131	910,304	1,343,435	2,250,867
OKLA	171,436	89,276	260,712	251,061	243,173	494,234	754,946
OREG	46,379	58,770	105,149	144,939	338,114	483,053	588,202
PA	114,402	337,589	451,991	48,754	119,953	168,707	620,698
R I	2,331	7,756	10,087	736	1,645	2,381	12,468
S C	91,026	359,738	450,764	44,281	207,918	252,199	702,963
S DAK	51,954	97,887	149,841	117,817	166,471	284,288	434,129
TENN	67,601	236,692	304,293	127,515	279,640	407,155	711,448
TEX	474,790	987,799	1,462,589	370,530	732,660	1,103,190	2,565,779
UTAH	3,529	15,589	19,118	27,640	81,265	108,905	128,023
VT	7,995	34,308	42,303	2,920	9,065	11,985	54,288
VA	124,245	440,832	565,077	69,274	162,230	231,504	796,581
WASH	43,278	111,357	154,635	282,495	467,998	750,493	905,128
W VA	8,587	33,898	42,485	11,145	21,744	32,889	75,374
WISC	146,109	305,115	451,224	440,043	616,479	1,056,522	1,507,746
WYO	16,071	6,470	22,541	37,257	26,102	63,359	85,900
P R	34,706	42,500	77,206	1,145	1,576	2,721	79,927
TOTAL	7,058,569	13,756,258	20,814,827	10,196,289	17,721,656	27,917,945	48,732,772

1/ EXCLUDES LIMING MATERIALS.
2/ INCLUDES PRIMARY NUTRIENT MATERIALS (N, P_2O_5, K_2O) AND SECONDARY/MICRONUTRIENT MATERIALS FOR DIRECT APPLICATION.

TABLE 5 -- DIRECT APPLICATION NITROGEN MATERIALS CONSUMPTION,
YEARS ENDED JUNE 30, 1981 AND 1982

STATE	AMMONIA				AMMONIUM			
	ANHYDROUS		AQUA		NITRATE		SULFATE	
	1981	1982	1981	1982	1981	1982	1981	1982
	TONS							
ALA	16,895	13,935	1,978	3,236	196,380	169,955	155	88
ALAS	0	0	0	0	875	385	55	75
ARIZ	56,639	48,840	36,314	20,657	3,274	4,072	6,403	6,548
ARK	10,066	6,438	1,124	993	110,093	81,963	4,138	4,313
CALIF	221,044	181,543	398,098	363,694	99,344	84,459	184,192	156,496
COLO	73,778	88,999	0	19	43,559	58,892	30,470	16,935
CONN	0	0	60	0	140	150	24	10
DEL	772	701	0	0	3,166	3,197	4,565	3,623
D C	14	12	0	0	80	78	0	0
FLA	10,451	7,020	109	0	70,435	71,568	7,558	8,711
GA	28,691	32,017	13	63	149,674	123,001	7,799	7,690
HAW	0	0	2,413	382	0	0	1,231	785
IDAHO	62,629	55,259	10,292	11,681	79,246	69,965	109,056	123,952
ILL	707,795	685,432	251	0	70,766	58,420	6,235	4,085
IND	238,989	277,547	6,069	17,576	18,899	14,560	16,321	12,171
IOWA	896,180	782,146	2,731	3,130	66,251	52,328	9,493	10,932
KANS	452,169	438,242	789	1,422	209,661	151,259	5,597	3,586
KY	48,260	52,377	0	0	183,018	172,300	4,229	1,764
LA	26,837	25,224	561	0	118,057	101,655	29,531	19,679
MAINE	0	0	0	0	1,846	1,701	4,357	1,208
MD	5,330	10,953	0	0	7,475	5,020	3,706	2,465
MASS	0	0	0	0	177	175	26	22
MICH	118,389	119,999	661	491	19,535	16,607	10,991	8,223
MINN	471,562	405,650	424	913	50,321	35,397	10,392	6,663
MISS	63,150	44,618	0	0	195,264	173,599	0	0
MO	116,277	103,476	18	548	189,232	110,551	696	45
MONT	23,386	48,250	0	54	73,116	75,029	8,109	9,020
NEBR	650,333	540,624	4,967	4,056	99,113	81,879	13,897	13,698
NEV	525	371	0	0	333	232	3,015	3,361
N H	0	0	0	0	247	247	92	92
N J	315	431	55	12	3,243	3,228	881	348
N MEX	17,369	15,611	0	0	4,485	4,079	5,102	4,227
N Y	14,379	13,472	0	2	12,606	10,476	4,727	1,674
N C	13,535	11,161	5	240	56,246	52,201	3,666	1,721
N DAK	268,562	260,549	0	0	21,533	27,469	1,443	1,297
OHIO	172,204	206,224	2,664	1,402	17,201	14,569	21,341	15,750
OKLA	153,937	169,586	0	0	146,160	97,952	4,823	5,349
OREG	26,676	21,534	34,722	29,603	25,414	22,353	80,702	80,056
PA	4,334	6,373	139	0	5,498	3,784	7,107	5,277
R I	0	0	0	0	6	26	0	0
S C	4,471	2,521	204	0	27,080	27,279	2,243	2,348
S DAK	83,857	81,323	2,755	350	61,368	56,453	0	1,229
TENN	13,615	10,348	0	0	119,217	89,805	32	50
TEX	368,934	269,922	7,654	8,126	274,364	236,012	155,591	106,786
UTAH	17,848	17,600	0	0	35,986	35,800	26,915	27,402
VT	123	123	0	0	374	374	55	55
VA	363	551	3	0	13,831	16,616	1,929	2,114
WASH	87,258	77,431	201,755	189,599	52,490	51,099	34,793	35,383
W VA	10,399	2,983	0	0	2,580	2,444	315	584
WISC	112,280	102,312	10,790	9,268	28,727	35,058	10,430	7,487
WYO	13,986	7,597	58	148	52,276	33,171	759	578
P R	0	0	950	20	476	10	1,658	1,165
TOTAL	5,684,606	5,247,325	728,626	667,677	3,020,738	2,538,102	846,445	727,120

TABLE 5 -- DIRECT APPLICATION NITROGEN MATERIALS CONSUMPTION, YEARS ENDED JUNE 30, 1981 AND 1982--CONTINUED

STATE	NITROGEN SOLUTIONS		SODIUM NITRATE		UREA		AMMONIUM NITRATE-LIMESTONE	
	1981	1982	1981	1982	1981	1982	1981	1982
	TONS							
ALA	89,616	100,102	1,115	1,548	4,158	4,480	0	0
ALAS	0	0	0	0	2,230	8,810	0	0
ARIZ	120,214	105,802	0	0	33,321	29,341	485	0
ARK	87,843	81,106	3,233	3,020	258,882	285,794	0	0
CALIF	516,764	483,586	7,940	8,561	85,222	74,258	2,930	243
COLO	121,468	147,873	7	0	7,303	13,382	24	5
CONN	437	148	66	129	3,514	3,467	0	3
DEL	46,200	32,224	0	1	366	463	0	0
D C	80	75	42	40	60	58	0	0
FLA	85,397	76,843	1,370	2,756	3,378	4,279	272	52
GA	469,638	369,202	3,583	2,395	2,212	4,502	218	84
HAW	10,115	18,279	3	0	3,618	4,035	0	0
IDAHO	73,410	82,229	0	0	41,920	56,512	0	0
ILL	595,065	774,160	1	0	109,863	111,566	0	0
IND	508,683	517,939	0	189	75,857	71,379	16	0
IOWA	564,456	624,629	0	0	154,102	147,886	0	0
KANS	298,049	287,264	0	0	70,305	71,979	0	0
KY	64,251	65,931	1,310	1,526	52,607	58,934	24	53
LA	37,769	54,803	960	886	39,597	46,967	94	0
MAINE	451	42	0	0	3,243	2,210	0	0
MD	78,854	74,876	796	1,068	7,836	4,878	0	0
MASS	96	542	6	20	601	2,547	2	0
MICH	141,875	148,867	194	6	83,528	79,863	0	0
MINN	196,157	164,546	0	0	188,166	173,871	0	4
MISS	65,827	72,037	6,074	2,833	61,678	73,008	0	0
MO	142,196	154,603	339	314	66,152	61,234	736	134
MONT	15,717	20,258	0	0	26,363	34,043	0	0
NEBR	458,304	437,277	0	0	42,226	49,588	0	0
NEV	3,021	4,193	0	0	440	410	1	0
N H	6	0	0	0	500	500	0	0
N J	7,495	9,283	643	388	5,199	4,774	0	6
N MEX	14,883	21,743	0	0	5,981	7,474	42	0
N Y	61,502	54,242	780	619	22,206	19,911	0	0
N C	438,137	391,427	35,256	24,351	2,962	5,056	78	44
N DAK	62,218	55,486	0	0	62,865	43,633	0	0
OHIO	449,249	475,679	42	0	141,693	107,327	0	0
OKLA	109,056	102,265	541	0	65,600	69,182	0	0
OREG	67,128	75,388	0	0	75,966	66,392	0	0
PA	63,063	84,842	3	11	38,856	34,032	60	11
R I	0	0	6	4	263	491	0	0
S C	219,712	171,262	6,183	5,426	1,170	928	0	0
S DAK	33,114	44,689	0	0	56,073	51,923	1,125	0
TENN	45,641	40,080	3,046	5,983	78,585	91,714	0	0
TEX	368,554	327,146	0	0	62,518	61,347	0	0
UTAH	3,906	4,016	0	0	2,600	2,700	0	0
VT	2,016	2,016	0	0	2,474	2,474	0	0
VA	157,979	150,043	3,177	3,928	5,490	4,741	384	32
WASH	154,133	135,243	0	0	61,138	50,387	0	0
W VA	8,169	5,389	193	248	4,446	7,100	0	0
WISC	191,274	181,321	0	0	91,803	87,027	0	39
WYO	20,930	7,255	0	0	1,629	1,985	27	70
P R	0	15	0	0	696	350	0	0
TOTAL	7,270,118	7,238,266	76,909	66,250	2,219,461	2,201,192	6,518	780

TABLE 6 -- DIRECT APPLICATION NITROGEN, AND SECONDARY AND MICRONUTRIENT MATERIALS CONSUMPTION, YEARS ENDED JUNE 30, 1981 AND 1982

STATE	NITROGEN MATERIALS		SECONDARY AND MICRONUTRIENT			
	OTHER		GYPSUM		OTHER	
	1981	1982	1981	1982	1981	1982
			TONS			
ALA	2,388	1,742	504	474	10,719	9,307
ALAS	0	0	0	0	0	0
ARIZ	917	2,253	64,161	41,547	6,527	6,891
ARK	1,355	261	0	0	3,534	3,451
CALIF	92,704	80,415	1,281,580	978,648	181,277	122,867
COLO	42,918	38,617	964	1,296	8,483	12,718
CONN	516	197	98	77	35	94
DEL	419	13	0	0	2,988	2,688
D C	2	2	0	0	50	50
FLA	7,409	7,405	19,688	12,896	21,810	15,355
GA	12,363	14,025	171,899	104,488	5,314	2,362
HAW	104	1,952	3	0	725	1,015
IDAHO	37,154	37,318	2,470	2,235	19,136	16,771
ILL	11,536	16,346	134	5,358	2,205	61
IND	15,524	34,185	821	67	6,999	6,770
IOWA	0	3,515	16,726	11,540	38,396	17,809
KANS	2,885	0	17,019	4,000	14,965	11,726
KY	2,890	313	5,133	2,000	4,601	4,909
LA	237	3,567	0	0	20,033	7,484
MAINE	0	9	27	0	0	0
MD	21	2,373	0	19	386	1,122
MASS	383	233	380	45	86	639
MICH	9,243	3,941	0	0	4,252	5,479
MINN	1,222	1,112	4,368	3,194	8,332	8,248
MISS	0	0	193	150	30	30
MO	1,248	420	8,023	5,351	127	137
MONT	1,387	2,430	422	673	5,699	2,946
NEBR	1,675	956	1,608	745	29,693	50,410
NEV	2,642	603	6,776	8,369	281	765
N H	110	116	0	0	1	1
N J	1,574	2,226	535	531	1,425	2,261
N MEX	3,037	2,929	0	0	1,392	3,743
N Y	1,620	2,738	350	39	1,952	4,367
N C	23,496	9,708	104,499	145,623	4,336	5,451
N DAK	603	653	7	7	2,079	2,401
OHIO	2,905	6,370	266	110	3,711	4,375
OKLA	102	116	260	0	880	653
OREG	51,888	58,930	11,237	7,184	5,502	7,577
PA	8,117	1,502	159	0	549	293
R I	0	2	0	0	0	0
S C	4,948	5,556	6,084	3,176	10,207	1,217
S DAK	29,656	13,653	0	0	320	424
TENN	2,085	561	1,260	0	1,825	2,012
TEX	8,694	11,516	21	0	994	435
UTAH	2,500	2,311	176	175	75	72
VT	2,340	2,000	0	0	84	70
VA	4,621	4,445	22,619	21,683	6,741	2,457
WASH	57,496	61,934	7,719	7,536	13,652	11,795
W VA	536	326	0	0	143	121
WISC	5,982	24,077	1,536	822	12,829	21,921
WYO	4,367	2,093	1,033	133	1,019	501
P R	0	0	0	0	0	0
TOTAL	465,819	468,165	1,760,758	1,370,191	466,399	384,251

TABLE 7 -- DIRECT APPLICATION PHOSPHATE MATERIALS CONSUMPTION,
YEARS ENDED JUNE 30, 1981 AND 1982

STATE	PHOSPHATE ROCK 1/		SUPERPHOSPHATES 22 PERCENT & UNDER		SUPERPHOSPHATES OVER 22 PERCENT		AMMONIUM PHOSPHATES 2/		OTHER PHOSPHATES	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
	TONS									
ALA	0	0	8,048	5,500	8,274	8,663	44	23	22,339	12,444
ALAS	0	0	0	0	420	10	195	0	10	95
ARIZ	0	0	2,132	0	2,964	3,233	33,626	21,648	764	4,543
ARK	401	24	576	353	7,176	5,597	524	4,941	11	75
CALIF	2,685	522	35,111	12,624	31,657	32,132	148,234	111,679	26,416	6,348
COLO	0	0	0	1	5,546	7,745	5,154	14,000	21	3,132
CONN	19	18	53	95	510	480	1,468	1,318	118	123
DEL	0	0	0	0	2,359	1,659	0	156	0	0
D C	0	0	10	10	8	10	0	0	0	0
FLA	624	119	6,888	9,234	0	0	2,860	3,516	10,821	8,988
GA	0	0	7,440	5,001	4,499	2,507	2,331	1,738	18,786	7,275
HAW	327	188	0	0	4,419	614	0	33	7,789	9,901
IDAHO	0	0	33	6	18,338	14,402	23,491	37,013	1,235	10,389
ILL	0	0	2,172	1,520	232,544	181,688	60	72	7,084	10,838
IND	819	0	0	95	42,540	45,820	0	0	36,658	10,292
IOWA	2,882	956	2,414	601	120,952	69,498	1,889	2,589	1,373	5,062
KANS	751	625	504	835	25,853	10,831	3,070	4,049	0	0
KY	261	43	52	38	58,614	50,931	71	6	122	6
LA	483	0	59	9	4,388	4,287	237	93	1,666	1,296
MAINE	310	112	25	0	325	185	0	0	33	22
MD	0	0	154	264	8,435	9,394	0	0	10	91
MASS	10	13	66	115	164	303	0	0	120	174
MICH	60	748	65	182	18,060	20,620	10,666	3,985	1,612	298
MINN	2,529	857	88	19	70,730	52,210	5,334	3,861	3,083	1,961
MISS	0	0	169	117	7,871	10,266	99	0	23,126	11,706
MO	679	68	14	32	3,477	3,647	0	25	112	21
MONT	0	0	0	0	7,259	6,095	25,567	22,153	422	2,350
NEBR	0	0	2,818	2,778	32,920	21,704	6,067	4,836	594	1,173
NEV	0	0	1,098	4	385	973	2,722	2,645	22	2
N H	6	6	35	35	244	244	0	0	44	44
N J	121	3	1,085	52	778	676	86	288	344	306
N MEX	0	0	0	0	4,352	3,310	4,945	2,441	34	68
N Y	553	175	777	367	7,261	6,647	9,324	9,140	9,577	8,090
N C	0	219	4,856	2,965	5,141	5,984	0	1	1,499	909
N DAK	0	0	0	0	20,309	16,452	3,563	2,715	293	293
OHIO	241	0	536	656	93,513	69,703	0	50	4,167	1,404
OKLA	0	0	427	483	22,748	11,843	3,741	1,410	42	246
OREG	147	41	6,492	1,017	5,715	8,952	64,868	51,523	6,468	22,317
PA	599	458	110	35	8,171	7,494	0	0	1,027	123
R I	4	0	10	4	17	10	738	232	65	55
S C	0	0	2,147	1,241	3,135	3,268	0	0	2,327	722
S DAK	244	49	528	0	16,460	12,451	39	100	1,180	490
TENN	0	0	519	47	44,611	32,097	270	2,377	0	0
TEX	0	0	0	0	10,107	6,943	70,050	46,915	4,164	2,087
UTAH	0	0	700	600	15,643	15,300	3,535	1,894	288	280
VT	0	0	35	35	1,032	1,032	95	0	200	0
VA	59	297	2,294	411	2,847	2,929	0	0	100	114
WASH	81	0	134	0	8,100	5,800	44,186	42,902	24,104	23,617
W VA	0	0	57	14	4,038	4,059	3	0	16	97
WISC	2,621	1,475	21,500	25,597	53,816	51,931	1,979	106	1,555	4,595
WYO	0	0	273	681	2,870	2,740	4,815	284	6,591	5,259
P R	0	0	0	0	58	160	0	100	0	0
TOTAL	17,516	7,016	112,524	73,673	1,051,653	835,529	485,946	402,857	228,430	179,723

1/ INCLUDES COLLOIDAL PHOSPHATE.
2/ TOTAL OF 11-48-0, 13-39-0, 16-20-0, 21-53-0 AND 27-14-0.

TABLE 8 -- DIRECT APPLICATION POTASH AND NATURAL ORGANIC MATERIALS CONSUMPTION, YEARS ENDED JUNE 30, 1981 AND 1982

STATE	POTASH MATERIALS: CHLORIDE 50-62 PERCENT GRADES 1981	POTASH MATERIALS: CHLORIDE 50-62 PERCENT GRADES 1982	POTASH MATERIALS: OTHER 1981	POTASH MATERIALS: OTHER 1982	NATURAL ORGANICS 1981	NATURAL ORGANICS 1982
	TONS					
ALA	17,200	19,198	10,116	7,379	4,892	4,511
ALAS	250	50	20	0	0	0
ARIZ	511	295	0	0	0	0
ARK	23,062	19,184	638	1,591	1,887	683
CALIF	37,939	22,806	10,485	10,152	55,866	62,537
COLO	13,526	7,368	4,912	10,898	1,098	2,591
CONN	2,439	2,333	229	171	5,643	4,530
DEL	17,294	13,485	2	395	656	704
D C	51	48	0	0	700	650
FLA	20,408	19,659	54,499	61,058	35,859	30,945
GA	22,722	19,047	31,422	25,901	9,432	9,599
HAW	1,153	2,931	15,691	15,527	0	0
IDAHO	9,914	10,145	3,979	4,047	0	0
ILL	1,136,593	1,062,622	7,029	5,998	3,000	2,500
IND	381,547	352,808	55,138	43,870	7,064	4,308
IOWA	867,041	809,292	213	2,921	0	146
KANS	59,664	57,620	51	25	400	200
KY	155,648	154,875	29,182	31,462	2,732	3,172
LA	11,326	10,654	29,371	19,628	190	346
MAINE	1,598	1,652	182	202	537	2,034
MD	35,339	23,812	1,151	3,413	1,125	780
MASS	753	2,645	184	473	8,276	7,568
MICH	254,319	238,730	7,922	7,021	32,075	28,213
MINN	674,184	537,556	9,641	7,917	526	78
MISS	21,210	22,340	42	0	0	150
MO	43,128	46,197	8,365	4,608	5,015	3,795
MONT	12,673	18,956	6,895	40	668	330
NEBR	69,270	51,340	69,666	50,924	402	202
NEV	31	0	1	448	1,899	1,752
N H	1,530	1,530	7	7	1,511	1,511
N J	5,081	4,957	390	328	8,477	7,456
N MEX	598	1,066	3,943	3,754	2,582	1,801
N Y	41,803	37,363	7,273	5,047	15,279	14,662
N C	26,748	30,153	17,890	19,982	5,112	6,630
N DAK	23,447	20,663	0	0	803	400
OHIO	458,348	426,037	5,264	3,554	10,999	10,225
OKLA	34,601	27,369	2,333	1,859	5,783	5,919
OREG	27,775	24,143	3,655	5,459	62	584
PA	29,270	23,618	992	791	59	63
R I	27	436	0	0	967	1,121
S C	14,254	13,940	10,175	9,288	2,926	4,027
S DAK	25,998	20,501	38	18	201	435
TENN	138,048	125,918	5,388	5,963	229	200
TEX	17,078	14,891	12,012	8,964	2,723	2,100
UTAH	160	255	0	0	1,300	1,300
VT	2,905	2,905	788	700	11	201
VA	10,145	11,633	4,801	3,727	5,659	5,783
WASH	37,728	33,490	6,846	6,834	15,909	17,443
W VA	6,534	8,197	965	93	982	1,234
WISC	507,265	486,635	16,809	16,760	216	99
WYO	1,206	450	342	339	0	75
P R	42	210	543	570	25	121
TOTAL	5,301,384	4,844,008	457,480	410,106	261,757	255,714

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1981 AND 1982 1/

STATE	JULY 1 TO DECEMBER 31, 1980							
	MIXTURES				MIXTURES AND DIRECT APPLICATION MATERIALS			
	N	AVAILABLE P 2 O 5	K 2 O	TOTAL	N	AVAILABLE P 2 O 5	K 2 O	TOTAL
	NUTRIENT TONS							
ALA	12,379	24,599	26,217	63,195	40,032	26,358	29,567	95,957
ALAS	0	0	0	0	0	0	0	0
ARIZ	3,801	9,924	47	13,772	46,844	15,830	104	62,778
ARK	6,479	16,002	17,213	39,694	62,401	16,798	19,126	98,325
CALIF	49,680	59,187	26,021	134,888	292,185	104,092	43,182	439,459
COLO	4,757	10,196	390	15,343	52,227	11,045	2,826	66,098
CONN	928	578	616	2,122	1,490	798	1,024	3,312
DEL	3,224	5,610	7,338	16,172	7,642	6,179	11,267	25,088
D C	507	169	199	875	536	174	205	915
FLA	67,033	34,285	84,256	185,574	89,540	36,397	90,816	216,753
GA	16,927	32,399	47,357	96,683	63,214	33,602	50,879	147,695
HAW	7,695	6,149	10,037	23,881	9,540	7,465	11,263	28,268
IDAHO	8,063	17,113	198	25,374	68,928	23,218	1,920	94,066
ILL	97,549	254,455	78,582	430,586	350,609	320,664	503,160	1,174,433
IND	36,595	113,748	122,860	273,203	129,502	130,204	256,016	515,722
IOWA	92,355	238,270	56,268	386,893	463,789	274,223	400,289	1,138,301
KANS	40,074	109,074	6,023	155,171	341,110	116,334	27,198	484,642
KY	14,820	36,238	14,677	65,735	42,058	48,500	53,541	144,099
LA	10,857	16,677	19,802	47,336	45,194	17,721	23,299	86,214
MAINE	2,235	2,611	2,527	7,373	2,861	2,654	2,730	8,245
MD	7,123	12,945	10,035	30,103	16,861	15,440	19,794	52,095
MASS	3,064	3,846	2,603	9,513	3,405	3,959	2,987	10,351
MICH	17,668	45,613	36,313	99,614	62,885	51,357	102,591	216,833
MINN	50,989	132,678	20,164	203,831	306,188	152,074	244,285	702,547
MISS	9,584	22,224	25,515	57,323	64,421	23,380	28,699	116,500
MO	83,377	105,738	143,200	332,315	124,592	106,992	159,574	391,158
MONT	8,718	26,507	183	35,408	29,892	29,402	3,700	62,994
NEBR	17,534	45,459	2,575	65,568	228,561	51,954	17,311	297,826
NEV	207	272	59	538	1,022	653	72	1,747
N H	860	724	862	2,446	1,069	773	1,188	3,030
N J	4,616	3,925	4,327	12,868	6,047	4,324	4,889	15,260
N MEX	1,331	3,160	310	4,801	9,547	4,499	961	15,007
N Y	8,355	21,695	21,002	51,052	23,085	24,411	29,478	76,974
N C	18,391	30,348	34,524	83,263	37,151	30,962	37,431	105,544
N DAK	12,093	33,877	1,404	47,374	125,374	38,798	5,695	169,867
OHIO	36,458	95,621	61,962	194,041	106,104	121,833	212,076	440,013
OKLA	26,492	61,846	7,445	95,803	172,957	69,482	17,803	260,242
OREG	5,823	13,104	2,512	21,439	50,209	23,264	10,973	84,446
PA	19,548	21,690	14,637	46,875	20,537	23,190	20,270	63,997
R I	286	194	207	687	422	392	214	1,028
S C	6,379	11,593	20,169	38,141	21,317	12,427	21,805	55,549
S DAK	8,772	18,790	1,711	29,273	63,226	22,611	7,121	92,958
TENN	17,254	40,928	10,771	68,953	50,115	48,081	41,266	139,462
TEX	86,380	102,195	31,677	220,252	285,245	110,255	34,916	430,416
UTAH	543	1,495	31	2,069	10,324	3,620	65	14,009
VT	845	1,069	1,385	3,299	1,174	1,244	2,248	4,666
VA	8,897	16,221	18,847	43,965	22,637	16,840	20,921	60,398
WASH	5,637	10,445	2,956	19,038	97,286	18,721	8,245	124,252
W VA	1,066	2,114	1,173	4,353	3,060	3,045	3,141	9,266
WISC	18,962	50,258	15,983	85,203	76,118	66,817	172,880	315,815
WYO	1,137	2,800	32	3,969	17,084	6,223	835	24,142
P R	5,446	2,161	4,872	12,479	5,816	2,174	5,034	13,024
TOTAL	962,813	1,928,839	1,020,074	3,911,726	4,153,433	2,281,653	2,766,900	9,201,986

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER,
YEARS ENDED JUNE 30, 1981 AND 1982 1/--CONTINUED

STATE	JANUARY 1 TO JUNE 30, 1981							
	MIXTURES				MIXTURES AND DIRECT APPLICATION MATERIALS			
	N	AVAILABLE P 2 O 5	K 2 O	TOTAL	N	AVAILABLE P 2 O 5	K 2 O	TOTAL
	NUTRIENT TONS							
ALA	37,609	67,400	78,926	183,935	122,167	73,297	87,499	282,963
ALAS	863	944	662	2,469	2,207	1,251	822	4,280
ARIZ	5,006	12,746	114	17,866	74,764	16,983	364	92,111
ARK	27,100	43,588	55,033	125,721	164,240	46,285	67,113	277,638
CALIF	47,529	58,013	29,387	134,929	360,974	87,332	38,430	486,736
COLO	13,386	30,381	1,513	45,280	101,271	33,510	8,429	143,210
CONN	4,505	2,835	3,020	10,440	6,329	3,535	4,295	14,159
DEL	4,877	7,584	9,716	22,177	17,266	8,110	16,356	41,732
D C	786	260	307	1,353	861	272	339	1,472
FLA	110,528	66,191	164,217	340,936	158,805	70,855	181,464	411,124
GA	61,036	103,544	159,700	324,280	237,101	108,990	177,026	523,117
HAW	6,755	4,789	8,581	20,125	9,367	6,164	10,700	26,231
IDAHO	9,547	21,707	184	31,438	106,521	29,958	5,385	141,864
ILL	74,404	172,844	59,632	306,880	648,991	215,667	320,409	1,185,067
IND	68,003	179,131	145,047	392,181	364,224	194,888	263,093	822,205
IOWA	79,591	185,639	57,025	322,255	700,997	206,559	237,092	1,144,648
KANS	26,886	68,744	4,762	100,392	286,982	74,228	19,995	381,205
KY	41,099	81,518	52,141	174,758	158,991	95,917	120,738	375,646
LA	32,572	50,030	59,407	142,009	96,344	51,970	65,900	214,214
MAINE	8,219	9,856	9,498	27,573	10,728	9,992	10,311	31,031
MD	24,985	39,324	39,664	103,973	50,359	40,648	51,699	142,706
MASS	5,611	3,292	3,661	12,564	5,947	3,498	3,906	13,351
MICH	52,210	115,329	73,517	241,056	197,251	125,158	162,321	484,730
MINN	63,352	156,358	35,327	255,037	357,038	172,223	219,077	748,338
MISS	22,902	53,114	60,969	136,985	132,750	57,769	70,729	261,248
MO	87,072	82,829	121,480	291,381	277,356	83,284	133,866	494,506
MONT	11,310	34,792	536	46,638	56,548	40,667	7,136	104,351
NEBR	47,530	128,410	12,276	188,216	554,935	139,010	54,111	750,056
NEV	638	852	149	1,639	3,209	1,521	180	4,910
N H	1,815	1,600	1,561	4,976	1,997	1,709	2,202	5,908
N J	15,088	13,058	13,315	41,461	20,602	13,535	16,165	50,302
N MEX	2,996	6,982	1,080	11,058	19,670	8,853	1,875	30,398
N Y	34,639	48,472	44,706	127,817	69,788	56,885	63,666	190,339
N C	73,609	109,266	179,787	362,662	226,722	112,038	196,717	535,477
N DAK	29,344	75,190	7,085	111,619	190,479	80,574	16,887	287,940
OHIO	72,041	162,973	91,629	326,643	345,662	181,505	219,728	746,895
OKLA	17,494	34,472	8,787	60,753	108,968	38,307	19,755	167,030
OREG	9,325	17,413	2,858	29,596	100,135	29,904	12,231	142,270
PA	35,840	52,941	38,855	127,636	71,976	55,735	50,183	177,894
R I	1,028	700	744	2,472	1,194	933	783	2,910
S C	24,853	45,033	86,666	156,552	88,135	46,305	96,878	231,318
S DAK	17,785	37,562	3,521	58,868	97,437	41,715	13,809	152,961
TENN	31,888	66,786	39,139	137,813	99,529	80,388	95,282	275,199
TEX	164,646	158,606	73,224	396,476	553,132	170,798	83,464	807,394
UTAH	2,406	5,838	153	8,397	28,483	12,263	228	40,974
VT	4,141	4,998	5,126	14,265	6,716	5,446	6,198	18,360
VA	38,686	51,108	67,459	157,253	79,315	52,175	72,740	204,230
WASH	19,194	32,593	10,684	62,471	162,907	47,450	32,097	242,454
W VA	3,001	4,949	3,305	11,255	15,091	5,860	5,809	26,760
WISC	37,580	88,643	46,835	173,058	183,656	101,727	199,503	484,886
WYO	491	1,174	42	1,707	22,259	5,542	64	27,865
P R	9,348	3,517	7,462	20,327	9,998	3,531	7,583	21,112
TOTAL	1,623,229	2,805,918	1,980,474	6,409,621	7,770,374	3,152,719	3,552,632	14,475,725

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1981 AND 1982 1/--CONTINUED

STATE	JULY 1, 1980 TO JUNE 30, 1981							
	MIXTURES				MIXTURES AND DIRECT APPLICATION MATERIALS			
	N	AVAILABLE P 0 2 5	K 0 2	TOTAL	N	AVAILABLE P 0 2 5	K 0 2	TOTAL
	NUTRIENT TONS							
ALA	49,988	91,999	105,143	247,130	162,199	99,655	117,066	378,920
ALAS	863	944	662	2,469	2,207	1,251	822	4,280
ARIZ	8,807	22,670	161	31,638	121,608	32,813	468	154,889
ARK	33,579	59,590	72,246	165,415	226,641	63,083	86,239	375,963
CALIF	97,209	117,200	55,408	269,817	653,159	191,424	81,612	926,195
COLO	18,143	40,577	1,903	60,623	153,498	44,555	11,255	209,308
CONN	5,513	3,413	3,636	12,562	7,819	4,333	5,319	17,471
DEL	8,101	13,194	17,054	38,349	24,908	14,269	27,623	66,820
D C	1,293	429	506	2,228	1,397	446	544	2,387
FLA	177,561	100,476	248,473	526,510	248,345	107,252	272,280	627,877
GA	79,963	135,943	207,057	422,963	300,315	142,792	227,905	671,012
HAW	14,450	10,938	18,618	44,006	18,907	13,629	21,963	54,499
IDAHO	17,610	38,820	382	56,812	175,449	53,176	7,305	235,930
ILL	171,953	427,299	138,214	737,466	999,600	536,331	823,569	2,359,500
IND	104,598	292,879	267,907	665,384	493,726	325,092	519,109	1,337,927
IOWA	171,946	823,909	113,293	709,148	1,164,786	480,782	637,381	2,282,949
KANS	66,960	177,818	10,785	255,563	628,092	190,562	47,193	865,847
KY	55,919	117,756	66,818	240,493	201,049	144,417	174,279	519,745
LA	43,429	66,707	79,209	189,345	141,538	69,691	89,199	300,428
MAINE	10,454	12,467	12,025	34,946	13,589	12,646	13,041	39,276
MD	32,108	52,269	49,699	134,076	67,220	56,088	71,493	194,801
MASS	8,675	7,138	6,264	22,077	9,352	7,457	6,893	23,702
MICH	69,898	160,942	109,830	340,670	260,136	176,515	264,912	701,563
MINN	114,341	289,036	55,491	458,868	663,226	324,297	463,362	1,450,885
MISS	32,486	75,338	86,484	194,308	197,171	81,149	99,428	377,748
MO	170,449	188,567	264,680	623,696	401,948	190,276	293,440	885,664
MONT	20,028	61,299	719	82,046	86,440	70,069	10,836	167,345
NEBR	65,064	173,869	14,851	253,784	785,496	190,964	71,422	1,047,882
NEV	845	1,124	208	2,177	4,231	2,174	252	6,657
N H	2,675	2,324	2,423	7,422	3,066	2,482	3,390	8,938
N J	19,704	16,983	17,642	54,329	26,649	17,859	21,054	65,562
N MEX	4,327	10,142	1,390	15,859	29,217	13,352	2,836	45,405
N Y	42,994	70,167	65,708	178,869	92,873	81,296	93,144	267,313
N C	92,000	139,614	214,311	445,925	263,873	143,000	234,148	641,021
N DAK	41,437	109,067	8,489	158,993	315,853	119,372	22,582	457,807
OHIO	108,499	258,594	153,591	520,684	451,766	303,338	431,804	1,186,908
OKLA	43,986	96,338	16,232	156,556	281,925	107,789	37,558	427,272
OREG	15,148	30,517	5,370	51,035	150,344	53,168	23,204	226,716
PA	46,388	74,631	53,492	174,511	92,513	78,925	70,453	241,891
R I	1,314	894	951	3,159	1,616	1,325	997	3,938
S C	31,232	56,626	106,835	194,693	109,452	58,732	118,683	286,867
S DAK	26,557	56,352	5,232	88,141	160,663	64,326	20,930	245,919
TENN	49,142	107,714	49,910	206,766	149,644	128,469	136,548	414,661
TEX	251,026	260,801	104,901	616,728	838,377	281,053	118,380	1,237,810
UTAH	2,949	7,333	184	10,466	38,807	15,883	293	54,983
VT	4,986	6,067	6,511	17,564	7,890	6,690	8,446	23,026
VA	47,583	67,329	86,306	201,218	101,952	69,015	93,661	264,628
WASH	24,831	43,038	13,640	81,509	260,193	66,171	40,342	366,706
W VA	4,067	7,063	4,478	15,608	18,151	8,905	8,970	36,026
WISC	56,542	138,901	62,818	258,261	259,774	168,544	372,383	800,701
WYO	1,628	3,974	74	5,676	39,343	11,765	899	52,007
P R	14,794	5,678	12,334	32,806	15,814	5,705	12,617	34,136
TOTAL	2,586,042	4,734,757	3,000,548	10,321,347	11,923,807	5,434,372	6,319,532	23,677,711

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1981 AND 1982 1/--CONTINUED

STATE	JULY 1, TO DECEMBER 31, 1981							
	MIXTURES				MIXTURES AND DIRECT APPLICATION MATERIALS			
	N	AVAILABLE P O 2 5	K O 2	TOTAL	N	AVAILABLE P O 2 5	K O 2	TOTAL
	NUTRIENT TONS							
ALA	11,895	24,891	26,301	63,087	36,536	27,129	29,870	93,535
ALAS	0	0	0	0	0	0	0	0
ARIZ	4,332	9,773	183	14,288	44,072	14,925	262	59,259
ARK	6,912	19,296	23,312	49,520	64,083	20,425	25,902	110,410
CALIF	39,237	49,220	16,347	104,804	237,964	82,928	26,582	347,474
COLO	5,346	13,078	561	18,985	77,275	18,355	3,017	98,647
CONN	738	479	493	1,710	1,234	569	917	2,720
DEL	1,075	2,036	2,357	5,468	3,248	2,377	5,146	10,771
D C	493	164	194	851	533	171	209	913
FLA	66,202	37,678	88,276	192,156	90,695	40,137	97,400	228,232
GA	16,775	28,217	41,839	86,831	54,404	29,214	45,022	128,640
HAW	6,831	6,104	12,009	26,944	13,688	7,353	14,980	36,021
IDAHO	9,381	18,854	187	28,422	66,723	30,374	2,568	99,665
ILL	91,550	236,922	65,167	393,639	289,312	287,255	430,147	1,006,714
IND	28,231	83,842	85,217	197,290	107,823	96,489	179,386	383,698
IOWA	70,229	184,904	36,063	291,196	344,503	207,518	335,132	887,153
KANS	41,716	112,083	4,953	158,752	314,616	115,064	22,679	452,359
KY	12,107	30,326	13,188	55,621	38,121	40,364	53,996	132,481
LA	9,141	12,806	14,715	36,662	38,560	13,580	17,249	69,389
MAINE	2,180	2,586	2,454	7,220	2,555	2,611	2,675	7,841
MD	3,534	5,637	5,771	14,942	10,601	8,297	13,201	32,099
MASS	1,463	1,005	1,084	3,552	1,799	1,116	1,672	4,587
MICH	14,274	32,482	24,468	71,224	60,021	35,977	81,456	177,454
MINN	47,032	120,552	15,297	182,881	257,154	135,068	196,162	588,384
MISS	9,333	20,622	21,700	51,655	53,944	21,609	24,645	100,198
MO	55,971	72,199	105,882	234,052	87,067	72,804	116,895	276,766
MONT	8,975	29,334	279	38,588	47,227	33,127	4,540	84,894
NEBR	15,509	40,735	1,969	58,213	140,206	44,871	11,538	216,615
NEV	204	253	70	527	776	479	84	1,339
N H	1,001	777	810	2,588	1,135	831	1,142	3,108
N J	4,330	3,838	4,223	12,391	6,325	4,062	4,711	15,098
N MEX	1,130	3,063	211	4,404	9,510	3,543	553	13,606
N Y	11,345	16,216	16,392	43,953	23,794	18,660	23,392	65,846
N C	15,220	23,973	32,066	71,259	35,216	24,876	35,043	95,135
N DAK	11,274	30,105	2,260	43,639	109,265	33,024	4,866	147,155
OHIO	24,053	63,602	41,515	129,170	89,896	79,692	176,752	346,340
OKLA	27,177	64,068	5,669	96,914	178,378	66,818	15,383	260,579
OREG	8,032	10,943	3,471	22,446	42,847	20,806	9,269	72,922
PA	9,519	16,291	12,968	38,778	17,425	17,744	27,526	62,695
R I	268	210	206	684	362	261	293	916
S C	5,209	9,403	17,300	31,912	16,006	10,065	18,835	44,906
S DAK	8,849	19,844	1,046	29,739	64,591	22,562	5,604	92,757
TENN	8,484	19,616	6,496	34,596	30,883	24,971	41,700	97,554
TEX	72,096	86,364	25,770	184,230	240,990	92,176	29,201	362,367
UTAH	516	1,337	36	1,889	10,395	3,336	77	13,808
VT	970	1,140	1,552	3,662	1,650	1,255	2,002	4,907
VA	9,099	16,336	20,727	46,162	22,697	16,946	22,600	62,243
WASH	6,801	11,420	2,871	21,092	90,338	19,962	8,110	118,410
W VA	985	1,958	934	3,877	3,601	2,646	2,751	8,998
WISC	19,700	46,914	13,937	80,551	74,374	64,129	165,712	304,215
WYO	2,709	6,824	46	9,579	15,508	8,523	393	24,424
P R	4,662	1,904	2,920	9,486	4,846	1,956	3,075	9,877
TOTAL	836,095	1,652,224	823,762	3,312,081	3,594,772	1,929,030	2,342,322	7,866,124

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1981 AND 1982 1/--CONTINUED

STATE	JANUARY 1, TO JUNE 30, 1982							
	MIXTURES				MIXTURES AND DIRECT APPLICATION MATERIALS			
	N	AVAILABLE P 2 O 5	K 2 O	TOTAL	N	AVAILABLE P 2 O 5	K 2 O	TOTAL
	NUTRIENT TONS							
ALA	32,420	56,620	64,859	153,899	112,237	60,695	74,269	247,201
ALAS	734	798	584	2,116	4,897	851	615	6,363
ARIZ	6,008	14,596	133	20,737	61,851	18,863	234	80,948
ARK	20,266	32,579	39,629	92,474	154,100	35,075	49,098	238,273
CALIF	47,809	60,452	28,031	136,292	329,553	81,957	35,287	446,797
COLO	9,978	20,903	1,810	32,691	94,828	26,501	7,984	129,313
CONN	3,649	2,364	2,436	8,449	5,183	3,113	3,601	11,897
DEL	4,278	6,633	9,031	19,942	14,490	7,149	14,549	36,188
D C	761	254	300	1,315	820	264	321	1,405
FLA	102,019	53,519	140,004	295,542	144,481	58,639	156,972	360,092
GA	48,600	76,960	121,387	246,947	195,110	79,878	135,762	410,750
HAW	5,873	2,721	7,599	16,193	8,398	3,657	9,154	21,209
IDAHO	8,576	19,185	262	28,023	114,388	32,079	4,959	151,426
ILL	88,146	207,691	70,050	365,887	749,376	245,461	345,636	1,340,473
IND	70,950	180,634	134,259	385,843	423,635	194,161	272,323	890,119
IOWA	68,478	161,885	60,101	290,464	704,343	174,934	249,835	1,129,112
KANS	19,850	52,027	3,853	75,730	273,784	55,418	21,283	350,485
KY	41,742	84,994	50,131	176,867	163,920	98,101	117,124	379,145
LA	27,557	38,425	44,146	110,128	96,202	40,232	50,057	186,491
MAINE	8,140	9,649	9,161	26,950	9,650	9,750	10,038	29,438
MD	16,673	26,519	26,649	69,841	46,319	28,166	34,540	109,025
MASS	4,581	2,933	2,881	10,395	5,902	3,205	4,150	13,257
MICH	57,415	132,834	74,164	264,413	198,220	142,064	162,481	502,765
MINN	55,962	138,777	32,056	226,795	319,266	149,892	176,978	646,136
MISS	18,993	41,543	51,293	111,829	122,970	46,449	61,977	231,396
MO	72,840	74,385	102,451	249,676	237,624	75,542	120,259	433,425
MONT	13,378	39,671	655	53,704	67,819	44,493	7,827	120,139
NEBR	42,608	110,154	10,862	163,624	519,373	117,825	43,024	680,222
NEV	649	756	257	1,662	3,309	1,438	311	5,058
N H	2,036	1,584	1,652	5,272	2,293	1,688	2,287	6,268
N J	14,915	13,554	14,247	42,716	20,449	13,988	17,044	51,481
N MEX	3,024	7,089	621	10,734	20,800	8,659	2,105	30,764
N Y	35,765	51,537	46,671	133,973	66,857	57,216	64,275	188,348
N C	69,936	100,410	158,428	328,774	200,242	103,188	177,583	481,013
N DAK	29,564	75,598	7,212	112,374	190,751	80,986	17,016	288,753
OHIO	66,459	155,797	89,195	311,451	360,985	172,193	212,516	745,694
OKLA	12,294	24,969	6,414	43,677	94,388	28,327	13,545	136,260
OREG	11,532	12,341	3,541	27,414	103,911	27,232	13,810	144,953
PA	36,938	59,930	39,058	135,926	77,841	61,996	39,264	179,101
R I	892	701	686	2,279	1,103	816	880	2,799
S C	22,214	35,154	65,223	122,591	74,095	36,201	75,044	185,340
S DAK	16,441	32,544	2,335	51,320	87,264	35,738	10,126	133,128
TENN	26,499	56,085	27,760	110,344	96,941	66,970	72,230	236,141
TEX	147,531	134,075	64,080	345,686	445,531	141,683	71,868	659,082
UTAH	2,340	5,504	160	8,004	27,563	11,506	272	39,341
VT	4,171	4,878	6,657	15,706	6,267	5,248	8,109	19,624
VA	38,757	51,623	66,888	157,268	77,666	52,406	73,009	203,081
WASH	16,256	26,216	10,448	52,920	146,104	38,449	29,351	213,904
W VA	3,551	5,887	3,889	13,327	9,315	7,101	7,038	23,454
WISC	34,174	80,226	44,289	158,689	176,811	93,473	189,807	460,091
WYO	1,159	2,769	23	3,951	9,736	5,834	79	15,649
P R	5,710	2,340	3,575	11,425	5,963	2,420	3,820	12,203
TOTAL	1,501,091	2,591,272	1,752,086	5,844,449	7,484,124	2,889,170	3,271,726	13,645,020

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1981 AND 1982 1/--CONTINUED

STATE	JULY 1, 1981 TO JUNE 30, 1982							
	MIXTURES				MIXTURES AND DIRECT APPLICATION MATERIALS			
	N	AVAILABLE P 2 O 5	K 2 O	TOTAL	N	AVAILABLE P 2 O 5	K 2 O	TOTAL
	NUTRIENT TONS							
ALA	44,315	81,511	91,160	216,986	148,773	87,824	104,139	340,736
ALAS	734	798	584	2,116	4,897	851	615	6,363
ARIZ	10,340	24,369	316	35,025	105,923	33,788	496	140,207
ARK	27,178	51,875	62,941	141,994	218,183	55,500	75,000	348,683
CALIF	87,046	109,672	44,378	241,096	567,517	164,885	61,869	794,271
COLO	15,324	33,981	2,371	51,676	172,103	44,856	11,001	227,960
CONN	4,387	2,843	2,929	10,159	6,417	3,682	4,518	14,617
DEL	5,353	8,669	11,388	25,410	17,738	9,526	19,695	46,959
D C	1,254	418	494	2,166	1,353	435	530	2,318
FLA	168,221	91,197	228,280	487,698	235,176	98,776	254,372	588,324
GA	65,375	105,177	163,226	333,778	249,514	109,092	180,784	539,390
HAW	14,704	8,825	19,608	43,137	22,086	11,010	24,134	57,230
IDAHO	17,957	38,039	449	56,445	181,111	62,453	7,527	251,091
ILL	179,696	444,613	135,217	759,526	1,038,688	532,716	775,783	2,347,187
IND	99,181	264,476	219,476	583,133	531,458	290,650	451,709	1,273,817
IOWA	138,707	346,789	96,164	581,660	1,048,846	382,452	584,967	2,016,265
KANS	61,566	164,110	8,806	234,482	588,400	170,482	43,962	802,844
KY	53,849	115,320	63,319	232,488	202,041	138,465	171,120	511,626
LA	36,698	51,231	58,861	146,790	134,762	53,812	67,306	255,880
MAINE	10,320	12,235	11,615	34,170	12,205	12,361	12,713	37,279
MD	20,207	32,156	32,420	84,783	56,920	36,463	47,741	141,124
MASS	6,044	3,938	3,965	13,947	7,701	4,321	5,822	17,844
MICH	71,689	165,316	98,632	335,637	258,241	178,041	243,937	680,219
MINN	102,994	259,329	47,353	409,676	576,420	284,960	373,140	1,234,520
MISS	28,326	62,165	72,993	163,484	176,914	68,058	86,622	331,594
MO	128,811	146,584	208,333	483,728	324,691	148,346	237,154	710,191
MONT	22,353	69,005	934	92,292	115,046	77,620	12,367	205,033
NEBR	58,117	150,889	12,831	221,837	679,579	162,696	54,562	896,837
NEV	853	1,009	327	2,189	4,085	1,917	395	6,397
N H	3,037	2,361	2,462	7,860	3,428	2,519	3,429	9,376
N J	19,245	17,392	18,470	55,107	26,774	18,050	21,755	66,579
N MEX	4,154	10,152	832	15,138	29,510	12,202	2,658	44,370
N Y	47,110	67,753	63,063	177,926	90,651	75,876	87,667	254,194
N C	85,156	124,383	190,494	400,033	235,458	128,064	212,626	576,148
N DAK	40,838	105,703	9,472	156,013	300,016	114,010	21,882	435,908
OHIO	90,512	219,399	130,710	440,621	450,881	251,885	389,268	1,092,034
OKLA	39,471	89,037	12,083	140,591	272,766	95,145	28,928	396,839
OREG	19,564	23,284	7,012	49,860	146,758	48,038	23,079	217,875
PA	46,457	76,221	52,026	174,704	95,266	79,740	66,790	241,796
R I	1,160	911	892	2,963	1,465	1,077	1,173	3,715
S C	27,423	44,557	82,523	154,503	90,101	46,266	93,879	230,246
S DAK	25,290	52,388	3,381	81,059	151,855	58,300	15,730	225,885
TENN	34,983	75,701	34,256	144,940	127,824	91,941	113,930	333,695
TEX	219,627	220,439	89,850	529,916	686,521	233,859	101,069	1,021,449
UTAH	2,856	6,841	196	9,893	37,958	14,842	349	53,149
VT	5,141	6,018	8,209	19,368	7,917	6,503	10,111	24,531
VA	47,856	67,959	87,615	203,430	100,363	69,352	95,609	265,324
WASH	23,057	37,636	13,319	74,012	236,442	58,411	37,461	332,314
W VA	4,536	7,845	4,823	17,204	12,916	9,747	9,789	32,452
WISC	53,874	127,140	58,226	239,240	251,185	157,602	355,519	764,306
WYO	3,868	9,593	69	13,530	25,244	14,357	472	40,073
P R	10,372	4,244	6,495	21,111	10,809	4,376	6,895	22,080
TOTAL	2,337,186	4,243,496	2,575,848	9,156,530	11,078,896	4,818,200	5,614,048	21,511,144

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 10 -- NITROGEN CONTENT OF DIRECT APPLICATION MATERIALS CONSUMED, YEAR ENDED JUNE 30, 1982

STATE	AMMONIA ANHYDROUS	AMMONIA AQUA	AMMONIUM NITRATE	AMMONIUM SULFATE	NITROGEN SOLUTIONS	SODIUM NITRATE	UREA	AMMONIUM NITRATE LIMESTONE	PHOSPHATE MATERIALS	NATURAL ORGANICS	OTHER NITROGEN MATERIALS
	NUTRIENT TONS										
ALA	11,427	696	56,935	18	32,033	248	2,038	0	4	41	1,018
ALAS	0	0	129	15	0	0	4,009	0	10	0	0
ARIZ	40,049	4,108	1,364	1,375	31,769	0	13,350	0	3,243	0	325
ARK	5,279	204	27,458	884	25,699	483	130,036	0	791	16	155
CALIF	148,865	72,739	28,329	32,864	128,827	1,370	34,159	41	15,673	1,081	16,523
COLO	72,979	4	19,729	3,472	38,753	0	6,089	1	1,608	164	13,980
CONN	0	0	50	2	44	21	1,577	1	174	113	48
DEL	575	0	1,071	743	9,673	0	211	0	33	16	63
D C	10	0	26	0	23	6	26	0	0	7	1
FLA	5,756	0	23,975	1,786	22,633	441	1,947	11	1,352	1,081	7,973
GA	26,254	15	41,205	1,612	107,763	383	2,066	17	194	274	4,356
HAW	0	80	0	165	4,425	0	1,856	0	240	0	616
IDAHO	45,312	2,395	23,438	26,030	26,303	0	25,996	0	5,308	0	8,372
ILL	562,054	0	19,565	858	222,110	0	50,650	0	519	135	3,101
IND	227,589	3,603	4,878	2,556	146,282	30	32,477	0	0	99	14,763
IOWA	641,360	640	17,765	2,275	179,581	0	67,479	0	543	8	488
KANS	359,358	292	50,672	735	82,321	0	32,750	0	702	4	0
KY	42,949	0	58,203	370	19,009	244	27,100	10	1	139	167
LA	20,684	0	33,936	4,133	17,470	142	21,391	0	16	12	280
MAINE	0	0	570	248	13	0	1,006	0	0	47	1
MD	8,981	0	1,682	505	22,463	171	2,219	0	0	16	676
MASS	0	0	59	4	165	3	1,171	0	3	179	73
MICH	98,399	101	5,563	1,686	41,782	1	36,338	0	841	1,139	702
MINN	332,633	183	11,858	1,398	46,670	0	79,966	1	558	9	150
MISS	36,587	0	58,156	0	20,170	453	33,219	0	0	3	0
MO	84,850	132	37,035	9	45,471	50	28,064	33	4	113	119
MONT	39,565	11	25,136	1,872	6,218	0	15,490	0	4,093	7	301
NEBR	443,312	811	27,429	2,877	123,107	0	22,810	0	774	4	338
NEV	304	0	78	706	1,342	0	187	0	423	35	157
N H	0	0	83	19	0	0	228	0	1	38	22
N J	353	2	1,081	72	2,784	62	2,196	1	64	187	727
N MEX	12,801	0	1,366	867	6,083	0	3,401	0	385	41	412
N Y	11,047	0	3,513	344	16,136	99	9,060	0	2,174	421	747
N C	9,152	46	17,487	357	114,235	3,896	2,315	7	25	161	2,621
N DAK	213,650	0	9,339	272	15,536	0	19,853	0	440	9	79
OHIO	169,104	280	4,881	3,308	132,494	0	48,834	0	7	234	1,227
OKLA	139,061	0	32,324	1,123	29,050	0	31,132	0	231	355	19
OREG	17,658	5,921	7,600	16,812	24,096	0	30,540	0	9,408	14	15,145
PA	5,226	0	1,268	1,082	25,473	2	15,314	2	0	1	441
R I	0	0	9	0	0	1	223	0	50	21	1
S C	2,067	0	9,275	481	48,387	868	422	0	0	91	1,087
S DAK	66,685	72	19,194	258	12,643	0	23,885	0	27	4	3,797
TENN	8,485	0	30,085	10	11,222	957	41,730	0	261	4	87
TEX	221,336	1,683	79,712	22,425	102,529	0	28,169	0	7,506	48	3,486
UTAH	14,432	0	11,725	5,633	1,228	0	1,229	0	228	13	614
VT	101	0	125	12	645	0	1,138	0	0	15	740
VA	452	0	5,566	433	42,012	628	2,157	7	1	139	1,112
WASH	63,493	38,868	17,118	7,430	41,517	0	22,926	0	9,378	414	12,241
W VA	2,446	0	823	123	1,596	40	3,265	0	0	13	74
WISC	83,896	1,928	11,650	1,572	51,722	0	39,695	7	121	4	6,716
WYO	6,230	30	11,278	120	2,300	0	913	13	216	1	275
P R	0	4	3	239	5	0	159	0	21	6	0
TOTAL	4,302,806	134,848	851,799	152,190	2,083,812	10,599	1,004,461	152	67,651	6,976	126,416

TABLE 11 -- AVAILABLE P_2O_5 CONTENT OF DIRECT APPLICATION MATERIALS CONSUMED, YEAR ENDED JUNE 30, 1982

STATE	AMMONIUM PHOSPHATES 1/	PHOSPHORIC SOLUTIONS	PHOSPHATE ROCK 2/	SUPERPHOSPHATES 22% & UNDER	SUPERPHOSPHATES OVER 22%	NATURAL ORGANICS	OTHER PHOSPHATE MATERIALS
	NUTRIENT TONS						
ALA	5	0	0	1,097	3,985	63	1,163
ALAS	0	0	0	0	5	0	48
ARIZ	5,570	2,362	0	0	1,487	0	0
ARK	990	0	1	71	2,513	11	39
CALIF	34,632	4,076	16	2,524	13,041	894	30
COLO	6,338	0	0	0	3,098	36	1,403
CONN	514	0	1	19	192	80	33
DEL	83	0	0	0	763	11	0
D C	0	0	0	2	5	10	0
FLA	1,855	0	2	1,847	0	872	3,003
GA	829	94	0	990	1,138	166	698
HAW	17	0	6	0	282	0	1,880
IDAHO	10,840	6,946	0	1	6,481	0	146
ILL	38	3,517	0	274	81,979	120	2,175
IND	0	408	0	19	20,986	69	4,692
IOWA	1,372	2,963	25	120	31,176	7	0
KANS	1,202	0	19	167	4,982	2	0
KY	3	0	1	7	23,102	32	0
LA	19	550	0	2	1,972	5	33
MAINE	0	0	2	0	85	33	6
MD	0	0	0	53	4,219	8	27
MASS	0	0	0	23	139	175	46
MICH	2,112	69	22	36	9,485	955	46
MINN	1,108	1,371	17	4	23,131	0	0
MISS	0	0	0	23	4,825	3	1,042
MO	5	0	2	6	1,661	86	2
MONT	4,516	480	0	0	2,746	7	866
NEBR	967	0	0	556	9,838	2	444
NEV	529	0	0	1	341	37	0
N H	0	0	0	7	112	27	12
N J	149	0	0	10	311	135	53
N MEX	521	0	0	0	1,490	29	10
N Y	1,828	35	3	66	2,659	313	3,219
N C	0	76	7	566	2,699	109	224
N DAK	540	205	0	0	7,556	6	0
OHIO	20	534	0	131	31,630	135	36
OKLA	315	123	0	97	5,448	118	7
OREG	11,606	605	1	203	4,090	10	8,239
PA	0	5	13	7	3,447	1	46
R I	123	0	0	1	5	22	15
S C	0	0	0	273	1,307	65	64
S DAK	14	343	1	0	5,550	4	0
TENN	1,141	0	0	9	15,086	4	0
TEX	9,383	607	0	0	3,157	34	239
UTAH	799	171	0	126	6,885	20	0
VT	0	0	0	7	475	3	0
VA	0	0	9	74	1,165	97	48
WASH	10,504	296	0	0	2,610	284	7,081
W VA	0	51	0	3	1,835	13	0
WISC	21	2,089	44	4,613	23,025	1	669
WYO	66	2,513	0	136	1,235	1	813
P R	53	0	0	0	74	5	0
TOTAL	110,627	30,489	192	14,171	375,508	5,120	38,597

1/ TOTAL OF 11-48-0, 13-39-0, 16-20-0, 21-53-0 AND 27-14-0.
2/ INCLUDES COLLOIDAL PHOSPHATE.

TABLE 12 -- K_2O CONTENT OF DIRECT APPLICATION MATERIALS CONSUMED,

YEAR ENDED JUNE 30, 1982

STATE	POTASSIUM CHLORIDE	POTASSIUM MAGNESIUM SULFATE	POTASSIUM NITRATE	POTASSIUM-SODIUM NITRATE	POTASSIUM SULFATE	NATURAL ORGANICS	OTHER POTASSIUM MATERIALS
	NUTRIENT TONS						
ALA	11,519	435	0	591	0	41	393
ALAS	31	0	0	0	0	0	0
ARIZ	160	0	0	0	0	0	0
ARK	11,702	0	0	95	7	21	234
CALIF	13,056	326	0	0	2,323	1,190	596
COLO	4,494	706	0	0	2,809	48	573
CONN	1,423	2	15	2	5	127	15
DEL	8,226	0	0	59	0	22	0
D C	29	0	0	0	0	7	0
FLA	11,795	1,198	2,498	5,817	595	644	3,545
GA	11,495	2,573	75	774	72	215	2,354
HAW	1,759	19	41	0	475	0	2,232
IDAHO	6,188	890	0	0	0	0	0
ILL	638,841	542	0	1	0	10	1,172
IND	211,685	1,212	0	0	468	134	18,734
IOWA	487,930	94	0	3	0	2	774
KANS	35,148	6	0	0	0	2	0
KY	93,537	1,026	0	84	13,069	62	23
LA	6,419	7	0	0	0	4	2,015
MAINE	991	44	0	0	0	63	0
MD	14,525	452	128	35	0	17	164
MASS	1,589	34	25	0	9	99	101
MICH	143,331	1,541	0	3	0	430	0
MINN	323,928	1,352	0	0	0	0	507
MISS	13,627	0	0	0	0	2	0
MO	27,864	407	0	0	127	96	327
MONT	11,409	0	0	0	20	4	0
NEBR	30,968	6,318	0	0	4	2	4,439
NEV	0	0	0	0	0	23	45
N H	921	0	0	0	0	44	2
N J	2,975	20	4	9	12	200	65
N MEX	650	594	0	0	526	56	0
N Y	22,790	384	36	90	218	381	705
N C	17,894	636	323	1,392	726	203	958
N DAK	12,398	0	0	0	0	12	0
OHIO	257,321	255	46	20	212	171	533
OKLA	16,377	409	0	0	0	59	0
OREG	14,486	722	26	0	789	17	27
PA	14,552	128	76	6	0	2	0
R I	266	0	0	0	0	15	0
S C	8,503	310	0	393	139	122	1,889
S DAK	12,341	0	0	0	0	4	4
TENN	76,810	0	0	0	2,862	2	0
TEX	8,592	1,116	0	60	0	65	1,386
UTAH	140	0	0	0	0	13	0
VT	1,743	154	0	0	0	5	0
VA	7,096	101	76	347	48	177	149
WASH	20,429	279	216	0	1,665	528	1,025
W VA	4,929	17	3	0	0	14	3
WISC	292,679	2,676	0	2	999	2	935
WYO	275	32	0	0	95	1	0
P R	126	4	0	0	270	0	0
TOTAL	2,917,982	27,021	3,588	9,783	28,544	5,358	45,924

TABLE 13 -- CONSUMPTION OF 15 PRINCIPAL GRADES IN EACH STATE,
YEAR ENDED JUNE 30, 1981 1/

STATE		RANK 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALA	ANAL	13-13-13	8-24-24	5-10-15	5-15-30	8- 8- 8	0-20-20	3- 9-18	4-12-12	0-24-24	3-10-20	4-12-24	0-15-30	15-10-10	5-20-20	10-10-10
	TONS	153,510	51,999	39,147	36,624	35,753	32,631	23,666	17,680	12,680	12,426	11,351	8,052	7,604	6,664	6,660
ARIZ	ANAL	10-34- 0	18-18- 0	18-46- 0	11-53- 0	26-14- 0	11-44- 0	11-52- 0	16- 8- 4	21- 7-14	12-40- 0	10-10-10	15- 8- 4	17-17-17		
	TONS	15,765	13,867	10,341	5,285	975	875	814	685	443	290	169	163	160		
ARK	ANAL	13-13-13	0-24-24	0-17-34	5-15-30	10-20-10	8-24-24	4-26-26	0-10-36	10-20-20	4-12-24	0-15-30	18-46- 0	12-24-12	20-10-10	2- 6-12
	TONS	65,446	23,992	20,690	19,851	17,875	14,189	11,852	10,517	10,432	9,494	9,442	8,312	6,158	5,936	5,544
CALIF	ANAL	10-34- 0	19- 9- 0	12-12-12	28-10- 0	16-16-16	12- 6-18	4-10-10	18-46- 0	6-20-20	8-24- 6	21- 7-14	11-53- 0	1- 2- 2	8-24- 0	15- 5-24
	TONS	54,668	37,908	31,178	25,361	23,938	21,706	21,531	20,909	20,679	18,030	17,492	16,606	15,011	14,411	14,088
COLO	ANAL	18-46- 0	10-34- 0	22- 3- 3	11-52- 0	7-21- 7	4-10-10	16-16-16	20-10- 5	16-20- 6	30-10- 0	35-17- 0	11-44- 0	20-10-10	10-28-20	8-20- 6
	TONS	54,783	19,020	3,371	2,745	1,914	1,393	1,152	1,020	956	812	692	635	603	499	473
CONN	ANAL	10-10-10	10- 6- 0	15-10-10	5-10-10	5-10- 5	15- 8-12	10-20-10	15-15-15	20- 5-10	10-20-20	25- 3- 3				
	TONS	4,718	3,463	2,461	2,405	1,622	1,020	714	666	520	489	433				
DEL	ANAL	10-10-10	3-15-30	10-20-30	10-20-20	13-10-22	18-46- 0	10-10-30	15-15-15	3- 9-18	5-10-10	12- 8-20	18-34- 0	15-10-10	5-10-30	5-15-30
	TONS	8,719	8,413	8,357	7,863	7,276	6,985	3,383	2,710	2,303	2,155	2,025	1,782	1,639	1,519	1,432
FLA	ANAL	6- 6- 6	6- 8- 8	12- 0-12	16- 4- 8	16-10-10	16- 0-16	20- 5-10	5-10-15	12- 2-12	13-13-13	3- 9-18	14- 0-14	16- 8- 8	8- 8- 8	0- 9-36
	TONS	78,418	51,351	45,112	44,823	44,564	42,080	35,517	33,080	29,452	26,075	23,715	22,362	20,766	20,668	19,290
GA	ANAL	5-10-15	3- 9-18	4-12-24	8-10-20	10-10-10	6- 8-12	0- 9-27	13-13-13	10-34- 0	3- 9- 9	0-14-14	14- 7-14	6- 8-16	4- 8-24	10-20-30
	TONS	332,974	133,325	63,901	48,862	41,114	34,664	19,694	19,265	18,452	16,449	14,272	13,758	13,352	13,041	12,347
IDAHO	ANAL	18-46- 0	18-33- 0	22-22- 0	27-13- 0	16-16-16	11-55- 0	30- 0- 1								
	TONS	42,878	7,682	3,774	3,731	1,392	448	189								
ILL	ANAL	3-18-30	18-46- 0	3- 9-12	5-20-35	6-24-24	5-17-21	10-34- 0	4-13-26	6-18- 6	4-16-20	9-23-30	4-12-24	4-10-10	12-12-12	3-10-10
	TONS	74,589	638,127	47,057	42,821	41,550	40,120	26,516	26,443	19,683	15,806	15,771	14,632	10,511	10,408	10,155
IND	ANAL	6-24-24	10-34- 0	18-46- 0	3-10-30	6-15-40	0-15-40	7-22- 5	4-10-10	9-23-30	19-19-19	0-14-40	8-32-16	6-26-26	12-12-12	7-23- 5
	TONS	126,066	116,469	98,631	77,001	60,286	49,991	45,873	41,606	37,087	20,604	17,191	15,553	14,857	14,675	13,819
IOWA	ANAL	18-46- 0	3-10-30	10-34- 0	20-10-10	6-24-24	4-13-26	10-20-20	7-21- 7	8-32-16	9-23-30	3- 9-27	4-16-22	11-54- 0	5-17-21	5-13-21
	TONS	647,374	65,739	48,785	34,566	27,374	25,986	19,529	19,189	18,863	17,959	16,859	15,440	15,482	14,447	13,391
KANS	ANAL	18-46- 0	10-34- 0	8-32-16	10-30- 0	11-54- 0	11-53- 0	6-24-24	11-44- 0	11-52- 0	12- 6- 6	4-10-10	12-12-12	16-20- 6	10-10-10	15-48- 5
	TONS	245,440	55,961	16,919	16,542	15,288	11,486	9,663	8,152	7,149	5,752	5,412	4,932	4,719	4,009	3,675
KY	ANAL	18-46- 0	5-10-15	10-10-10	6-24-24	5-20-20	15-15-15	7-28-28	8-24-24	19-19-19	6-12-18	0-23-30	9-23-30	8-10-15	6-17-12	0-26-26
	TONS	127,071	105,694	78,935	28,951	21,025	19,661	8,297	7,665	6,847	6,520	6,113	5,439	5,432	4,781	4,656
LA	ANAL	13-13-13	0-17-34	0-24-24	8-24-24	14- 8- 8	12- 6-18	8- 8- 8	0-10-36	10-10-10	0-20-30	12-12-12	6-24-24	2- 6-12	15- 5-10	14- 7- 7
	TONS	51,250	29,805	28,629	24,721	16,864	15,576	10,986	10,347	10,182	8,436	8,404	7,842	7,787	7,449	7,262
MAINE	ANAL	14-14-14	10-10-10	5-10-10	10-20-10	8-12-16	5-10- 5	18-46- 0	10-20-20	10- 6- 4	6- 0-16	8-12-12	8-32-16	14-14- 7		
	TONS	19,596	3,381	2,345	2,288	1,840	1,098	1,001	589	554	474	432	245	208		
MD	ANAL	10-10-10	10-20-20	18-46- 0	12- 8-20	5-10-10	13-10-22	10- 6- 4	5-15-30	5-10-30	26- 3- 3	15-10-10	5-10- 5	4- 8-12	8-16-20	8-10-30
	TONS	49,365	32,425	26,786	10,718	10,258	9,692	8,240	7,591	7,471	7,269	6,363	6,107	6,088	5,489	5,163
MASS	ANAL	10-10-10	27- 3- 3	5-10- 5	26- 3- 3	10-20-20	8-10-10	24- 4- 8	6- 3- 6	26- 4- 6	25- 3- 3	10-15-15	25- 3- 5	20-12-18	12- 4- 8	8-15-30
	TONS	5,011	3,484	2,149	1,795	836	806	669	684	588	521	299	298	278	198	196
MICH	ANAL	6-24-24	18-46- 0	12-12-12	8-32-16	10-34- 0	19-19-19	16-16-16	10-20-10	15-15-15	8-25- 3	14-14-14	7-22- 4	10-20-20	6-26-26	10-10-10
	TONS	153,304	58,077	31,451	30,801	18,501	17,909	17,425	16,617	14,450	13,897	12,272	11,317	10,819	9,861	9,824
MINN	ANAL	18-46- 0	10-34- 0	9-23-30	7-21- 7	3-10-30	11-54- 0	7-23- 5	9-18- 9	11-53- 0	11-55- 0	6-24-24	4-13-26	8-32-16	20-10-10	10-20-20
	TONS	405,902	45,057	20,383	19,943	19,668	13,946	13,331	12,974	11,219	10,481	8,001	6,934	5,854	5,842	5,604
MISS	ANAL	13-13-13	0-17-34	8-24-24	5-15-30	0-24-24	0-20-20	18-46- 0	3- 9-18	0-15-30	0-10-30	8- 8- 8	5-20-20	15-10-10	3-10-10	10-20-10
	TONS	139,572	44,643	42,846	42,398	30,684	22,460	19,393	18,537	12,084	10,659	8,689	4,878	3,324	2,588	1,911
MO	ANAL	6-24-24	12-12-12	17-17-17	19-19-19	27-13-13	8-18-36	20-10-10	13-13-13	0-26-26	9-23-30	24-16-16	0-23-30	23-11-11	24-12-12	10-10-10
	TONS	48,389	45,608	38,710	35,711	28,542	26,128	24,387	23,452	17,653	17,604	14,875	12,684	11,387	10,912	10,256

MONT	ANAL	18-46- 0	11-55- 0	10-34- 0	10-33- 0	20-20- 7	18- 9- 5	30-14- 0	23-23- 0	10-10-10	15-10- 7	9-18- 9	20-10-10	10-15-10	20-17- 0	22- 3-
	TONS	62,122	51,485	7,162	1,998	1,359	1,950	1,235	1,104	1,096	800	549	414	400	375	30
NEBR	ANAL	18-46- 0	10-34- 0	7-21- 7	0-32- 0	0-32-14	11-52- 0	11-54- 0	11-55- 0	10-30- 0	11-55- 0	0-20- 5	16-20- 0	9-18- 9	0-20- 6	9-10-1
	TONS	169,469	91,375	38,281	20,222	11,835	9,505	8,497	7,116	6,703	5,622	5,454	5,034	5,219	4,714	3,60
NEV	ANAL	19- 9- 0	10-34- 0	11-52- 0	1- 2- 0	6-20-20	22- 3- 3	22- 4- 4	16- 9- 0	18-46- 0	12-12-12	23- 3- 7	10- 6- 0	10- 0- 4		
	TONS	912	840	691	489	280	275	269	225	208	171	135	132	106		
N M	ANAL	15- 0-12	10-10-10	5-10-10	10-20-10	15-15-15	10-20-20	27- 3- 5	10- 3- 6	15-10-10	5-10- 5	18-46- 0	5-20-20	10- 6- 4	20-10-15	24-12-1
	TONS	3,441	2,260	1,237	1,173	780	761	611	583	561	553	488	459	414	328	32
N J	ANAL	10-10-10	5-10-10	10- 6- 4	10-20-20	16- 0- 0	15-15-15	27- 3- 5	26- 3- 3	5-10- 5	14- 7- 7	18-46- 0	14-14-14	3- 9-12	9- 9- 9	15- 0-12
	TONS	36,948	19,451	10,095	8,777	6,538	5,369	5,304	4,014	3,835	3,406	3,029	2,890	2,463	1,695	1,596
N MEX	ANAL	18-46- 0	10-10-10	11-53- 0	10-34- 0	1- 2- 1	11-52- 4	16-19- 5	1- 2- 2	6-10-10	11-22-11	11-58- 0	4-10-10	27- 3- 3	13-13-13	10-20- 5
	TONS	4,805	4,973	3,912	3,593	1,140	1,017	991	864	833	739	713	616	487	470	400
N Y	ANAL	15-15-15	10-20-20	6-24-24	10-20-10	0-16- 0	10-10-10	0-20-20	0-15-15	10- 6- 4	14-14-14	0-10-40	5-10- 5	0-24-24	7-21- 7	6-12- 6
	TONS	63,927	50,740	21,538	19,894	16,078	15,408	15,743	15,193	13,279	11,156	9,500	8,646	5,511	4,935	4,753
N C	ANAL	10-10-10	5-10-30	3- 9- 9	5-10-10	10-20-20	8- 0- 0	6-12-10	2- 6-12	4- 0-12	3- 9-18	6- 6-18	10-10-20	8-24-24	17-17-17	18-46- 0
	TONS	167,279	107,084	95,148	73,959	55,179	47,763	45,170	45,050	42,256	41,676	30,292	23,248	21,594	21,200	18,760
N DAK	ANAL	18-46- 0	10-34- 0	11-55- 0	11-52- 0	15-38-10	4-32-16	11-51- 0	9-18- 9	4-10-10	12-36-12	25-25- 0	11-53- 0	24-16- 8	0-33-17	20-30-10
	TONS	141,550	55,065	15,342	6,766	6,602	5,273	4,636	3,347	2,669	2,461	2,288	1,612	1,263	1,261	1,244
OHIO	ANAL	18-46- 0	6-24-20	15-15-15	10-34- 0	0-32-16	12-12-12	6-26-26	8-25- 3	3-10-30	9-23-30	19-19-19	0-14-42	4-18-18	6-18- 6	7-22- 5
	TONS	201,791	153,899	38,904	35,125	29,476	24,755	21,542	21,186	21,146	20,153	17,751	17,220	15,451	14,838	14,229
OKLA	ANAL	18-46- 0	10-20-10	13-13-13	6-24-24	14-14-14	10-34- 0	16-20- 6	12-12-12	20-10-10	5-10-10	15-10- 5	12-54- 0	16- 6-12	15-40- 5	11-44- 8
	TONS	140,163	80,461	15,095	9,754	8,168	7,687	7,530	6,539	6,241	4,890	4,222	3,966	3,597	3,393	2,968
ORE	ANAL	16-16-16	18-46- 0	10-34- 0	11-52- 0	11-55- 0	27-12- 0	11-51- 0	27- 0- 4	11-53- 0	12-12-12	14-14-14	12-15-15	10-20-20	26-10- 6	15-25-12
	TONS	15,527	15,108	9,731	8,069	7,638	5,794	5,369	4,800	2,555	2,240	2,216	1,829	1,728	1,363	1,231
PA	ANAL	10-20-20	10-10-10	10-20-10	18-46- 0	15-15-15	5-10-10	20-10-10	1- 1- 1	8-24- 8	16- 8- 8	8-32-16	7-27-11	6-24-24	7-21- 6	10- 6- 4
	TONS	64,519	53,293	22,055	20,002	19,833	19,057	12,965	9,490	9,455	9,101	6,718	6,440	5,757	5,107	4,960
R I	ANAL	10-10-10	5-10-10	10- 6- 4	5-10- 5	10-15-15	15- 0-12	12- 2- 8	10-20-20							
	TONS	1,496	805	730	352	342	281	187	148							
S C	ANAL	10-10-10	3- 9-18	0- 9-27	0-10-30	5-10-30	5-10-10	3- 9- 9	17-17-17	0-10-20	6- 6-18	5-10-15	4- 8-12	2- 6-12	5-15-30	6-12-18
	TONS	74,443	54,355	35,329	32,689	32,644	24,865	24,684	12,358	11,997	11,005	9,862	9,331	9,081	8,928	8,127
S DAK	ANAL	18-46- 0	7-21- 7	20-10- 0	11-53- 4	25-25- 0	20-20-10	11-55- 0	9-18- 9	6-21- 7	8-20-15	11-58- 0	25-12- 0	11-51- 0	11-52- 0	8-32-16
	TONS	81,893	6,713	3,221	3,119	2,905	2,782	1,886	1,618	1,472	1,360	1,245	1,146	1,078	976	956
TENN	ANAL	18-46- 0	6-12-12	5-10-15	15-15-15	10-10-10	13-13-13	8-24-28	5-20-20	10-20-20	6-24-24	12-24-24	0-20-20	12-12-12	9-23-30	3- 9-27
	TONS	122,351	51,491	26,493	24,359	24,068	22,026	21,667	14,539	10,414	8,793	8,744	6,559	5,481	4,297	3,363
TEX	ANAL	20-10- 0	16- 6-12	13-13-13	18-46- 0	16-34- 0	12-12-12	17-17-17	12-24-12	24- 8- 0	21- 7- 3	18-12- 2	21- 0-17	22-11- 0	10-20-10	18- 9- 3
	TONS	84,119	79,155	69,853	69,328	68,105	51,365	36,329	34,779	29,706	26,559	25,048	23,635	20,885	19,530	16,914
UTAH	ANAL	10-34- 0	18-46- 0	22- 3- 3	11-52- 0	11-51- 0	30-10- 0	11-53- 0	16-16- 0	25- 3- 5	29-14- 0					
	TONS	2,195	1,491	1,172	1,051	999	640	551	305	294	235					
VT	ANAL	10-20-10	10-10-10	10-20-20	0-12-12	5-20-20	5-10-10	0-16-16	0-24-24	11-53- 0	13-13-13	10- 6- 4	5-10- 5	0-12-28		
	TONS	2,650	2,343	1,625	1,456	1,413	1,307	899	615	294	203	172	157	141		
VA	ANAL	10-10-10	5-10-10	2- 6-12	3- 9-18	10-20-20	3- 9- 9	8- 0- 8	6-12-18	19-19-19	5-10-15	5-10-30	12-24-24	18-46- 0	6-18-36	5-10- 5
	TONS	78,622	36,867	33,320	20,340	19,528	17,146	13,536	12,614	12,106	11,509	11,042	10,865	7,829	7,325	6,334
WASH	ANAL	18-46- 0	10-34- 0	16-16-16	11-55- 0	27-12- 0	10-20-20	10-30- 0	22- 3- 3	11-52- 0	5-10-10	9- 3- 6	9-30- 0	6-18-10	21- 7-14	12- 4- 8
	TONS	32,245	27,616	11,188	7,326	3,449	2,573	1,170	1,070	1,046	819	772	748	695	532	428
W VA	ANAL	5-10-10	10-20-20	18-46- 0	10-10-10	12-12-12	5-10-15	6-24-24	10-20-10	15-15-15	18-18-18	5-15-30	14- 8- 8	5-10- 5	10-34- 0	16- 8- 8
	TONS	7,240	5,572	5,529	5,450	2,189	1,163	826	813	576	534	352	301	278	278	242
WIS	ANAL	18-46- 0	9-23-30	6-24-24	10-34- 0	3-10-30	9-18- 9	0-32-16	1- 1- 1	0-14-42	7-23- 5	5-23-27	14-14-14	10-10-10	0-32-14	9-23-31
	TONS	163,240	39,497	38,981	23,040	9,945	9,351	8,674	8,452	8,245	6,978	5,065	4,920	4,590	4,534	3,573
WYO	ANAL	18-46- 0	10-34- 0	11-52- 0	1- 1- 1	22- 3- 3	30-10- 0	4-10-10	22- 4- 4							
	TONS	6,348	1,603	761	357	332	166	119	118							

1/ EXCLUDES ALASKA, DISTRICT OF COLUMBIA, HAWAII, PUERTO RICO AND CONFIDENTIAL ANALYSES.

TABLE 14 -- CONSUMPTION OF 15 PRINCIPAL GRADES IN EACH STATE,
YEAR ENDED JUNE 30, 1982 1/

STATE		RANK 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALA	ANAL	13-13-13	8-24-24	5-15-30	8- 8- 8	5-10-15	0-20-20	3- 9-18	0-24-24	4-12-12	4-12-24	3-10-20	10-10-10	8-30-15	11-33- 0	10-10-20
	TONS	141,257	45,920	35,125	29,344	28,514	23,948	19,521	13,034	12,564	11,207	9,193	5,747	5,737	5,711	5,657
ARIZ	ANAL	10-34- 0	18-46- 0	10-10- 0	11-33- 0	16- 8- 4	11-52- 0	15-15-15	24-14- 0	20-20- 0	21- 7-14	15- 8- 4	20-10- 0	12-40- 0	10-10- 5	
	TONS	15,298	11,908	6,400	3,389	2,347	1,488	859	603	483	447	289	235	126	107	
ARK	ANAL	13-13-13	5-15-30	0-24-24	8-24-24	8-17-34	10-20-10	8-24-24	10-20-20	4-12-24	0-14-36	18-46- 0	6-24-24	8-15-30	2- 6-12	19-19-19
	TONS	56,096	22,294	18,339	17,943	17,521	14,806	11,331	11,044	9,629	8,858	7,229	7,125	6,317	6,981	4,369
CALIF	ANAL	10-34- 0	20-10- 0	4-10-10	12-12-12	19- 9- 0	8-24- 6	11-33- 0	6-20-20	18-46- 0	16-16-16	21- 7-14	15-15-15	27-12- 0	15- 8- 4	13- 0-34
	TONS	52,768	28,146	26,658	25,827	25,821	23,547	17,618	17,298	16,535	15,955	14,432	12,183	11,362	9,934	8,991
COLO	ANAL	18-46- 0	10-34- 0	12-12-12	11-52- 0	20-20-10	4-10-10	22- 3- 3	4- 6- 4	11-37- 0	20-10- 5	16-20- 6	10-20- 6	10-24-16	8-20- 6	30-10- 0
	TONS	40,749	20,202	5,729	4,774	2,323	2,199	1,941	1,881	1,698	1,553	985	838	755	678	642
CONN	ANAL	4- 6- 4	10-10-10	10- 6- 4	5-10-10	5-10- 5	27- 3- 3	15- 8-12	10-20-10	15-15-15	20- 5-10	10-20-20				
	TONS	5,922	3,516	2,012	1,364	1,328	1,218	938	676	649	484	400				
DEL	ANAL	10-10-10	10-20-20	18-46- 0	3-15-30	10-20-30	13-10-22	12- 8-20	10-34- 0	0-13-40	10-10-30	3-10-30	15-15-15	5-10-30	3- 9-18	5-15-30
	TONS	5,672	4,458	3,746	3,675	2,718	2,692	1,602	1,562	1,286	1,259	1,191	1,135	1,111	1,105	1,098
FLA	ANAL	6- 6- 6	12- 8-12	6- 8- 8	16- 4- 8	10-10-10	16- 8-16	20- 5-10	14- 0-14	13-13-13	12- 2-12	5-10-15	8- 8- 8	16- 8- 8	4- 8- 8	3- 9-18
	TONS	72,334	46,660	44,862	43,771	41,981	40,925	34,831	28,838	27,945	27,510	25,925	19,173	17,002	14,421	13,854
GA	ANAL	5-10-15	3- 9-18	10-10-10	4-10-20	4- 8-12	4-12-24	3-10-30	13-13-13	0- 7-28	10-34- 0	3- 9- 9	0- 9-27	10-20-30	14- 7-14	6-12-12
	TONS	268,577	90,419	36,803	31,536	25,308	20,958	16,584	15,861	14,246	13,046	12,943	12,577	12,186	11,202	9,432
IDAHO	ANAL	18-46- 0	10-33- 0	27-13- 0	16-16-16	11-55- 0										
	TONS	54,528	8,745	7,470	1,424	1,359										
ILL	ANAL	18-46- 0	3-10-38	3- 9-12	5-20-35	5-17-21	4-13-26	6-24-24	10-34- 0	6-18- 6	9-23-30	4-16-20	4-12-24	10-38- 0	4-10-18	3-10-18
	TONS	657,944	83,948	38,401	32,707	31,215	30,366	27,722	26,351	16,466	16,180	14,108	14,037	13,405	10,532	10,260
IND	ANAL	10-34- 0	18-46- 0	6-24-24	3-10-30	7-22- 5	4-10-10	6-15-40	9-23-30	8-15-40	19-19-19	7-23- 5	6-26-26	8-32-16	8-18-40	12-12-12
	TONS	123,262	111,779	100,594	73,170	52,196	44,099	42,904	36,529	34,942	17,941	13,903	12,768	12,297	11,968	10,217
IOWA	ANAL	18-46- 0	3-10-30	10-34- 0	6-24-24	11-53- 0	7-21- 7	8-32-16	4-13-26	9-23-30	3- 9-27	20-10-10	7-23- 5	9-18- 9	11-52- 0	5-13-21
	TONS	501,786	74,888	46,378	24,331	21,765	21,151	17,324	16,473	14,569	14,054	13,976	12,767	12,266	11,967	10,581
KANS	ANAL	18-46- 0	10-34- 0	11-53- 0	8-32-16	11-52- 0	6-24-24	11-37- 0	10-30- 0	12- 4- 4	4-10-10	10- 6- 4	16-20- 6	9-18- 9	13-13-13	12- 6- 6
	TONS	227,854	46,141	32,442	15,148	9,355	8,279	8,195	7,609	4,711	4,376	4,239	3,915	3,111	3,104	2,925
KY	ANAL	18-46- 0	5-10-15	10-10-10	6-24-24	5-20-20	15-15-15	9-23-30	6-12-18	7-28-28	19-19-19	8-23-30	8-24-24	8-10-15	6-12-12	3- 9-27
	TONS	129,419	95,804	68,807	24,802	18,348	16,332	10,753	6,906	6,838	6,210	5,682	5,341	4,622	4,618	4,096
LA	ANAL	13-13-13	8-17-34	8-24-24	6-24-24	18- 6-12	14- 8- 8	8- 8- 8	12- 6-10	8-18-36	6-24-24	18-18-18	15-15-15	2- 6-12	17-17-17	18-16-16
	TONS	42,418	21,896	21,741	19,732	15,353	12,656	9,871	9,313	7,188	7,095	6,027	5,999	5,855	5,798	5,386
MAINE	ANAL	14-14-14	10-15-15	15-15-15	12-15-15	10-20-10	5-10-10	18-46- 0	5-10- 5	5-20-20	10-20-20	8-12-12	6- 8-16	10- 6- 4	8-32-16	14-14- 7
	TONS	23,839	21,654	8,522	6,568	2,076	1,952	1,478	716	625	579	509	286	247	242	217
MD	ANAL	10-20-20	10-10-10	18-46- 0	8-16-24	5-10-30	10-34- 0	10-20-30	4- 8-12	13-10-22	2- 6-12	5-10-10	10- 6- 4	15-10-10	14- 8- 8	5-10- 5
	TONS	19,324	15,886	8,998	5,996	5,350	5,352	5,153	4,697	4,184	3,721	3,570	2,972	2,937	2,927	2,629
MASS	ANAL	10-10-10	10- 6- 4	5-10- 5	5-10-10	15- 8-12	24- 4-12	18-46- 0	20- 5-10	30- 4- 4	12- 4- 8	18- 5- 9	6-10- 4	26- 4- 6	16- 8- 8	
	TONS	4,241	2,266	1,864	1,820	1,497	1,436	1,086	290	287	251	158	150	125	110	
MICH	ANAL	6-24-24	18-46- 0	8-32-16	16-16-16	12-12-12	10-34- 0	19-19-19	8-25- 3	13-13-13	10-20-10	11-52- 0	7-22- 4	6-26-26	9-23-30	15-15-15
	TONS	126,521	83,339	28,105	24,987	20,876	19,823	18,543	17,183	14,301	12,884	10,832	9,589	8,569	7,656	7,529
MINN	ANAL	18-46- 0	10-34- 0	11-53- 0	9-23-30	3-10-30	7-21- 7	9-18- 9	7-23- 5	6-24-24	11-52- 0	11-55- 0	16- 5- 5	10-26-26	4-10-10	8-18-30
	TONS	368,266	33,689	25,309	23,339	18,748	17,661	11,964	9,964	9,489	9,062	5,748	5,422	4,940	4,606	4,547
MISS	ANAL	13-13-13	5-15-30	8-24-24	0-17-34	0-24-24	0-20-20	0-15-30	18-46- 0	8- 8- 8	3- 9-18	0-10-30	15-10-10	4-12-24	6-12-12	6-24-24
	TONS	120,060	35,132	34,853	32,929	22,111	18,808	15,163	12,828	10,032	8,201	8,089	4,239	2,924	2,700	2,289
MO	ANAL	6-24-24	17-17-17	19-19-19	13-13-13	12-12-12	9-23-30	27-13-13	3-10-30	0-18-36	24-12-12	27-14-14	20-10-10	8-26-26	24-16-16	2- 6-12
	TONS	41,549	40,957	32,194	25,966	25,733	23,415	17,528	14,581	12,326	11,902	11,775	11,397	11,019	8,803	7,999

MONT	ANAL	16-46- 0	11-55- 0	10-34- 0	30-10- 0	16-16-16	23-23- 0									
	TONS	44,811	58,083	9,655	2,001	1,479	1,324									
NEBR	ANAL	18-46- 0	10-34- 0	7-21- 7	0-32- 0	11-52- 0	11-53- 0	10-30- 0	0-32-16	8-20- 6	6-20- 5	9-18- 9	16-20- 6	10-30- 5	6-21- 7	20- 5- 2
	TONS	140,608	86,538	29,428	15,315	15,245	11,689	10,386	7,523	6,555	5,518	4,653	4,354	4,181	4,012	4,000
NEV	ANAL	19- 9- 0	16-16-16	11-52- 0	10-34- 0	16- 6- 0	6-20-20	1- 2- 0	22- 4- 4	18-46- 0	22- 3- 3	10- 6- 4	12-12-12	27- 3- 3	25- 4- 4	10-10- 5
	TONS	733	728	642	554	421	320	263	235	143	129	123	120	106	100	83
N H	ANAL	15- 8-12	10-10-10	5-10-10	10-20-10	15-15-15	10-20-20	27- 3- 3	18- 3- 6	15-10-10	5-10- 5	18-46- 0	5-20-20	10- 6- 4	20-10-15	24-12-18
	TONS	3,041	2,260	1,237	1,173	780	761	611	583	561	553	488	459	414	328	328
N J	ANAL	10-10-10	10- 6- 4	10-20-20	5-10-10	15-15-15	16- 8- 8	27- 3- 3	5-10- 5	3- 9-12	14- 7- 7	6-12-12	18-46- 0	9- 9- 9	26- 3- 3	0-10-40
	TONS	36,726	10,690	9,278	9,234	7,414	6,712	3,871	3,712	3,550	3,356	2,561	2,435	2,336	2,226	2,040
N MEX	ANAL	18-46- 0	10-34- 0	11-52- 0	11-53- 0	10-10- 3	4-10-10	11-22-11	0-20- 9	16- 8- 8	7-34-16	19-17- 0	5-27-13	10-20- 5	13-13-13	10-25- 0
	TONS	7,242	3,879	2,669	1,759	1,144	976	837	528	374	346	336	290	234	230	221
N Y	ANAL	15-15-15	10-20-20	6-24-24	10-20-10	8-16- 8	10-10-10	10- 6- 4	5-10- 5	0-10-40	14-14-14	7-21- 7	6-12- 6	10-34- 0	5-20-20	5-10-10
	TONS	74,327	58,131	25,708	20,965	16,455	16,613	12,683	9,389	8,888	8,739	8,060	6,269	5,514	4,855	4,695
N C	ANAL	10-10-10	5-10-30	3- 9- 9	5-10-10	10-20-20	6- 8- 8	6- 6-18	3- 9-18	4- 8-12	6-12-18	2- 6-12	17-17-17	8-24-24	18-10-20	5- 5-25
	TONS	147,905	89,490	58,427	57,617	48,523	38,032	36,872	34,346	33,538	30,342	29,848	21,899	17,827	17,487	17,080
N DAK	ANAL	18-46- 0	10-34- 0	11-55- 0	11-52- 0	15-30-10	11-51- 0	8-32-16	11-53- 0	9-18- 9	4-10-10	12-36-12	25-25- 0	22-22-12	19-19-19	0-26-26
	TONS	130,725	25,062	15,779	7,347	6,806	5,886	5,076	4,524	4,370	2,716	2,662	2,530	2,146	1,581	1,497
OHIO	ANAL	18-46- 0	6-24-24	10-34- 0	8-32-16	4-10-10	3-10-10	6-26-26	3-10-30	8-25- 3	19-19-19	7-22- 5	7-23- 5	12-12-12	9-23-30	15-15-15
	TONS	151,234	139,215	35,068	23,645	21,944	19,667	18,495	18,268	10,150	18,093	18,033	18,026	14,507	16,265	16,131
OKLA	ANAL	18-46- 0	10-20-10	13-13-13	20-10-10	6-24-24	16-20- 6	10-34- 0	14-14-14	11-52- 0	15-10- 5	12-56- 0	8-32- 4	12-12- 6	10-20-30	16- 6-12
	TONS	138,137	34,219	12,668	7,416	6,948	6,723	6,010	5,688	5,067	4,559	3,030	2,587	2,417	2,412	1,491
ORE	ANAL	16-16-16	18-46- 0	11-53- 0	10-34- 0	27-12- 0	10-20-22	11-55- 0	20-10-10	12-15-15	20- 0-45	15-25- 9	13-13- 6	10-20-20	15-20- 8	11-37- 0
	TONS	11,875	10,372	7,204	6,992	6,963	6,640	5,320	2,226	1,530	893	743	724	644	600	482
PA	ANAL	10-20-20	10-10-10	18-46- 0	10-20-10	5-10-10	15-15-15	20-10-10	8-24- 8	1- 1- 1	11-53- 0	8-32-16	16- 8- 8	7-21- 6	7-27-11	6-24-24
	TONS	60,732	46,479	25,491	20,127	19,746	17,089	11,494	9,440	8,703	8,385	8,374	8,255	6,323	5,677	5,444
R I	ANAL	10-10-10	10- 6- 4	5-10-10	15-15-15	10-15-15	10-20-20	15- 0-12	5-10- 5							
	TONS	1,028	904	701	667	374	332	331	297							
S C	ANAL	10-10-10	3- 9-18	5-10-30	0-10-30	0- 9-27	5-10-10	3- 9- 9	17-17-17	6- 6-18	0-10-20	0- 7-28	2- 6-12	4- 8-12	5-10-15	6-12-18
	TONS	58,117	38,498	25,817	21,895	21,861	21,848	21,679	13,049	12,873	8,011	7,861	7,850	7,454	6,786	5,372
S DAK	ANAL	18-46- 0	10-34- 0	20-10-10	29-14- 0	7-21- 7	6-21- 7	20-10- 0	25-25- 0	20-20-10	18-18- 0	9-18- 9	11-52- 0	11-53- 0	18-30- 0	11-51- 0
	TONS	78,665	13,090	4,626	3,836	3,698	3,596	2,434	2,187	2,157	1,936	1,926	1,902	1,844	1,557	1,553
TENN	ANAL	18-46- 0	6-12-12	5-10-15	15-15-15	10-10-10	13-13-13	8-24-24	5-20-20	12-24-24	6-24-24	0-20-20	10-20-20	12-12-12	9-23-30	19-19-19
	TONS	94,205	40,624	23,747	21,034	20,125	19,667	13,182	9,908	9,339	5,924	4,669	4,647	4,078	3,569	2,735
TEX	ANAL	18-46- 0	13-13-13	20-10- 0	16- 6-12	10-34- 0	12-12-12	17-17-17	24- 8- 0	21- 7- 3	12-24-12	21- 8-17	10-20-10	18-10- 5	22-11- 0	10- 9- 3
	TONS	77,460	77,087	67,217	60,415	56,841	35,496	34,879	34,610	23,736	22,151	21,571	19,286	16,805	15,899	15,139
UTAH	ANAL	10-34- 0	18-46- 0	22- 3- 3	11-51- 0	11-52- 0	30-10- 0	11-53- 0	16-16- 8	25- 3- 5	29-14- 0					
	TONS	2,100	1,500	1,198	750	735	640	559	275	250	220					
VT	ANAL	15- 8-12	15-15-15	10-20-10	10-10-10	10-20-20	6-12-12	5-20-20	5-10-10	18-46- 0	0-10-40	8-16-16	5-10-30	6-24-24	0-25-25	0-15-30
	TONS	6,558	4,577	2,650	2,343	1,625	1,456	1,413	1,307	1,300	1,101	899	677	615	352	336
VA	ANAL	10-10-10	5-10-10	2- 6-12	3- 9-18	10-20-20	3- 9- 9	5-10-15	8- 8- 8	19-19-19	12-24-24	6-12-18	5-10-30	18-46- 0	6-18-36	4- 8-12
	TONS	75,510	34,391	28,630	24,571	19,096	13,899	12,784	12,281	12,128	10,487	10,403	9,209	8,968	8,861	5,308
WASH	ANAL	18-46- 0	10-34- 0	16-16-16	11-53- 0	27-12- 0	11-55- 0	10-20-20	20-10-10	5-10-10	9- 3- 6	10-20-22	9-18- 9	22- 3- 3	21- 7-14	10- 6- 4
	TONS	22,604	16,551	16,280	7,265	7,161	7,046	1,729	1,627	963	917	900	756	425	358	292
W VA	ANAL	5-10-10	10-10-10	18-46- 0	10-20-20	12-12-12	5-10-15	6-24-24	10-20-10	15-15-15						
	TONS	7,835	7,541	6,280	6,041	2,647	1,540	948	768	611						
WIS	ANAL	18-46- 0	9-23-30	6-24-24	10-34- 0	3-10-30	1- 1- 1	7-23- 5	9-18- 9	5-23-27	8-32-16	7-18-30	0-14-42	7-21- 7	2- 6-32	11-53- 0
	TONS	151,137	42,269	29,277	17,069	9,809	8,406	8,404	7,667	7,207	6,085	5,888	5,397	5,087	4,785	4,628
WYO	ANAL	18-46- 0	10-34- 0	22- 3- 3	4-10-10											
	TONS	18,963	2,281	330	103											

1/ EXCLUDES ALASKA, DISTRICT OF COLUMBIA, HAWAII, PUERTO RICO AND CONFIDENTIAL ANALYSES.

TABLE 15 -- TONNAGES OF THE 150 MOST POPULAR MIXTURES CONSUMED, YEARS ENDED JUNE 30, 1981 AND 1982 1/

GRADE	CONSUMPTION 1981	CONSUMPTION 1982	PROPORTION OF TOTAL 1981	PROPORTION OF TOTAL 1982	GRADE	CONSUMPTION 1981	CONSUMPTION 1982	PROPORTION OF TOTAL 1981	PROPORTION OF TOTAL 1982
	TONS		PERCENT			TONS		PERCENT	
0- 7-28	9,692	22,644	.04	.11	8-32- 8	20,349	15,931	.09	.08
0- 9-27	69,124	46,396	.29	.22	8-32-14	18,671	21,470	.08	.10
0-10-20	85,290	55,856	.36	.27	8-32-16	162,508	137,186	.69	.66
0-10-30	71,828	47,150	.31	.23	9-18- 9	81,276	84,404	.35	.41
0-10-40	34,324	32,914	.15	.16	9-23-30	193,064	204,413	.82	.98
0-14-14	24,041	14,958	.10	.07	10- 0-10	24,305	27,893	.10	.13
0-14-42	54,519	38,806	.23	.19	10- 5-10	20,493	23,626	.09	.11
0-15-30	64,192	52,799	.27	.25	10- 6- 4	64,287	57,784	.27	.28
0-15-40	67,397	47,144	.29	.23	10-10-10	759,751	627,029	3.23	3.01
0-17-34	107,263	82,576	.46	.40	10-10-20	55,020	40,264	.23	.19
0-18-36	73,148	47,589	.31	.23	10-20-10	169,497	146,472	.72	.70
0-20-20	109,485	77,274	.47	.37	10-20-20	353,227	296,855	1.50	1.43
0-23-30	51,533	32,644	.22	.16	10-20-30	34,877	30,145	.15	.14
0-24-24	107,031	77,482	.45	.37	10-26-26	47,440	44,336	.20	.21
0-25-25	30,888	24,374	.13	.12	10-30- 0	56,532	52,905	.24	.25
0-26-26	68,816	49,277	.29	.24	10-34- 0	775,175	718,933	3.30	3.45
1- 1- 1	31,958	31,324	.14	.15	11-37- 0	32,618	24,017	.14	.12
2- 6-12	139,542	119,441	.59	.57	11-51- 0	17,780	15,687	.08	.08
3- 9- 9	157,983	139,456	.67	.67	11-52- 0	65,693	95,272	.28	.46
3- 9-12	63,943	49,180	.27	.24	11-53- 0	91,773	197,698	.39	.95
3- 9-18	325,112	235,507	1.38	1.13	11-55- 0	113,759	108,107	.48	.52
3- 9-27	64,241	64,812	.27	.31	12- 0-12	45,954	47,796	.20	.23
3-10-10	41,134	57,549	.17	.28	12- 2-12	29,617	27,571	.13	.13
3-10-20	35,147	26,685	.15	.13	12- 4- 8	26,636	24,420	.11	.12
3-10-30	292,644	331,582	1.24	1.59	12- 6- 6	46,965	39,404	.20	.19
3-18-18	29,370	29,653	.12	.14	12-12-12	266,011	183,253	1.13	.88
4- 8- 8	11,196	15,014	.05	.07	12-24-12	61,067	31,186	.26	.15
4- 8-12	106,881	85,622	.45	.41	12-24-24	45,921	45,310	.20	.22
4- 8-24	23,282	14,699	.10	.07	13-13-13	624,263	600,587	2.65	2.89
4-10-10	130,234	138,167	.55	.66	14- 0-14	45,130	44,399	.19	.21
4-12-12	49,917	38,629	.21	.19	14- 7- 7	24,582	21,449	.10	.10
4-12-24	143,687	91,300	.61	.44	14- 7-14	38,613	33,356	.16	.16
4-13-26	71,858	60,406	.31	.29	14- 8- 8	18,793	16,617	.08	.08
4-16-20	16,404	14,500	.07	.07	14-14-14	119,904	94,849	.51	.46
5- 5-25	19,695	19,853	.08	.10	15- 5-10	56,984	60,127	.24	.29
5-10- 5	44,710	39,311	.19	.19	15-10-10	55,749	44,853	.24	.22
5-10-10	221,400	187,791	.94	.90	15-15-15	272,323	236,980	1.16	1.14
5-10-15	584,763	485,904	2.49	2.33	15-40- 5	34,084	19,193	.14	.09
5-10-30	177,145	141,767	.75	.68	16- 0-16	43,357	42,758	.18	.21
5-13-21	20,321	17,721	.09	.09	16- 4- 8	61,954	59,921	.26	.29
5-15-20	21,830	17,911	.09	.09	16- 6-12	85,997	64,062	.37	.31
5-15-25	17,208	15,233	.07	.07	16- 8- 8	83,490	71,346	.35	.34
5-15-30	170,100	150,947	.72	.73	16- 8-16	14,636	14,512	.06	.07
5-17-21	64,398	46,769	.27	.22	16-10-10	22,858	18,420	.10	.09
5-20-20	81,876	62,494	.35	.30	16-16-16	105,166	109,451	.45	.53
5-20-35	63,420	61,630	.27	.30	16-20- 6	27,184	22,773	.12	.11
5-23-27	20,298	25,461	.09	.12	17-17-17	150,377	146,712	.64	.70
6- 6- 6	80,061	73,267	.34	.35	18- 6- 6	17,886	16,209	.08	.08
6- 6-18	50,920	60,684	.22	.29	18- 6-12	23,146	32,195	.10	.15
6- 8- 8	51,510	45,259	.22	.22	18- 9- 3	17,502	15,547	.07	.07
6-12- 6	14,270	15,556	.06	.07	18- 9- 9	12,467	16,267	.05	.08
6-12-12	87,263	75,695	.37	.36	18-10- 5	16,220	16,848	.07	.08
6-12-18	80,607	57,716	.34	.28	18-18- 0	22,094	14,756	.09	.07
6-15-40	79,788	59,535	.34	.29	18-18-18	13,721	15,895	.06	.08
6-18- 6	58,038	54,243	.25	.26	18-46- 0	3,721,845	3,406,264	15.82	16.36
6-18-18	60,351	45,935	.26	.22	19- 9- 0	41,371	27,846	.18	.13
6-18-36	44,624	34,053	.19	.16	19-19-19	137,557	135,497	.58	.65
6-20-20	26,514	21,665	.11	.10	20- 0-20	20,286	26,117	.09	.13
6-24-24	717,276	605,414	3.05	2.91	20- 5- 5	15,044	16,709	.06	.08
6-26-26	60,284	50,531	.26	.24	20- 5-10	68,684	60,496	.29	.29
7-18-36	22,466	22,031	.10	.11	20-10- 0	117,080	103,367	.50	.50
7-21- 7	111,736	102,065	.47	.49	20-10- 5	21,659	20,788	.09	.10
7-22- 5	67,004	77,029	.28	.37	20-10-10	160,964	111,703	.68	.54
7-23- 5	65,332	75,245	.28	.36	21- 0-32	19,125	17,617	.08	.08
7-26-26	16,440	18,017	.07	.09	21- 7- 3	27,241	24,048	.12	.12
7-28-28	40,683	34,632	.17	.17	21- 7-14	59,786	40,506	.25	.19
8- 0-24	17,645	18,285	.08	.09	21- 8-17	23,701	22,606	.10	.11
8- 4- 8	12,710	14,536	.05	.07	22-11- 0	22,612	17,123	.10	.08
8- 8- 8	177,338	152,841	.75	.73	24- 8- 0	30,904	35,378	.13	.17
8- 8-24	15,982	17,843	.07	.09	25- 3- 3	12,514	20,494	.05	.10
8-16- 8	24,185	22,138	.10	.11	25- 5- 0	11,147	14,760	.05	.07
8-16-24	30,108	21,400	.13	.10	26- 3- 3	40,829	26,486	.17	.13
8-24- 0	25,350	17,152	.11	.08	27- 3- 3	28,732	31,443	.12	.15
8-24-24	209,089	176,943	.89	.85	27-12- 0	16,214	25,486	.07	.12
8-25- 3	47,578	45,749	.20	.22	27-13-13	31,395	21,125	.13	.10
					TOTAL	16,882,938	15,006,968	71.77	72.10

NUMBER OF GRADES AND TOTAL TONNAGE BY CLASS, YEAR ENDED JUNE 30	NUMBER 1981	NUMBER 1982	TONS 1981	TONS 1982	PERCENT OF TOTAL 1981	PERCENT OF TOTAL 1982
GRADES OF 10,000 TONS OR MORE	245	206	18,287,158	15,726,770	77.74	75.56
GRADES 5,000 TONS TO 9,999 TONS	141	148	950,790	1,046,969	4.04	5.03
GRADES 2,500 TONS TO 4,999 TONS	269	244	955,618	858,143	4.06	4.12
LESS THAN 2,500 TONS AND GRADE NOT REPORTED			3,330,905	3,182,945	14.16	15.29
TOTAL (48 STATES AND DISTRICT OF COLUMBIA)			23,524,471	20,814,827	100.00	100.00

1/ EXCLUDES ALASKA, HAWAII AND PUERTO RICO AND GRADES MADE PRIMARILY BY ONE COMPANY.

TABLE 16 -- AVERAGE PRIMARY NUTRIENT CONTENT OF MIXTURES AND DIRECT APPLICATION MATERIALS CONSUMED, YEAR ENDED JUNE 30, 1982

STATE	MIXTURE 1/				MATERIAL 2/					TOTAL IN MIXTURES AND MATERIALS
					SINGLE NUTRIENT					
	N	AVAILABLE P_2O_5	K_2O	TOTAL	N	AVAILABLE P_2O_5	K_2O	MULTIPLE NUTRIENT	TOTAL	
	PERCENT									
ALA	8.16	15.01	16.78	39.95	35.18	23.47	54.57	15.80	35.08	38.03
ALAS	16.83	18.30	13.39	48.53	44.80	50.00	62.00	61.05	45.06	46.16
ARIZ	14.45	34.05	0.44	48.94	42.45	49.50	61.02	40.71	42.54	43.98
ARK	8.63	16.48	19.99	45.10	40.98	43.44	59.31	32.23	41.64	42.99
CALIF	12.92	16.28	6.59	35.80	32.35	38.13	49.46	30.72	32.69	33.58
COLO	14.86	32.95	2.30	50.11	42.50	41.38	46.99	49.37	42.95	44.39
CONN	12.87	8.34	8.59	29.80	42.29	35.44	58.74	17.70	33.84	30.92
DEL	9.34	15.13	19.87	44.34	30.52	45.99	61.00	22.55	38.06	41.22
D C	16.50	5.50	6.50	28.50	34.72	35.00	60.42	3.69	15.46	27.01
FLA	10.55	5.72	14.32	30.59	32.38	16.76	48.31	27.75	32.24	30.86
GA	6.65	10.70	16.60	33.95	33.07	19.75	41.78	19.91	32.95	33.56
HAW	14.59	8.76	19.45	42.80	28.03	12.42	24.42	62.54	25.80	36.82
IDAHO	18.31	38.78	0.46	57.54	36.13	54.74	49.87	43.63	37.95	41.09
ILL	12.38	30.63	9.32	52.32	52.02	45.20	59.94	43.73	54.46	53.75
IND	8.30	22.13	18.36	48.79	45.71	46.44	58.51	7.01	49.24	49.03
IOWA	12.76	31.91	8.85	53.53	55.99	45.04	60.18	70.34	57.03	55.97
KANS	14.71	39.22	2.10	56.04	55.16	42.05	60.98	45.00	55.29	55.51
KY	10.59	22.68	12.46	45.73	41.78	45.30	57.96	12.26	47.01	46.42
LA	10.40	14.51	16.68	41.59	38.78	45.71	27.87	13.38	37.74	39.85
MAINE	12.17	14.42	13.69	40.28	35.55	29.29	55.83	7.25	33.16	39.57
MD	9.40	14.95	15.07	39.42	36.03	44.10	56.74	21.17	40.42	39.81
MASS	15.41	10.04	10.11	35.57	41.39	36.54	56.62	6.81	26.28	33.02
MICH	10.82	24.96	14.89	50.68	48.83	44.33	58.95	17.08	50.84	50.76
MINN	14.21	35.79	6.54	56.54	59.99	44.55	59.73	43.15	59.23	58.31
MISS	7.62	16.72	19.63	43.97	40.59	26.66	61.00	5.33	40.94	42.38
MO	12.80	14.57	20.70	48.07	45.39	44.37	56.54	7.95	46.24	47.47
MONT	14.87	45.91	0.62	61.41	46.85	47.58	60.17	39.31	47.17	52.67
NEBR	13.04	33.85	2.88	49.77	55.02	42.25	40.81	34.72	53.53	52.55
NEV	14.68	17.36	5.63	37.66	30.25	34.93	10.04	23.81	28.06	30.75
N H	14.25	11.08	11.55	36.87	36.77	41.75	60.05	7.81	35.00	36.56
N J	11.88	10.73	11.40	34.01	35.03	38.48	58.90	10.03	33.00	33.83
N MEX	13.56	33.14	2.72	49.42	44.47	44.40	36.72	24.33	42.67	44.76
N Y	10.89	15.66	14.57	41.12	39.58	30.14	57.79	27.94	41.31	41.18
N C	7.59	11.08	16.98	35.65	29.95	35.20	51.14	22.41	31.30	34.19
N DAK	15.49	40.10	3.59	59.18	66.50	46.35	60.00	32.33	65.15	62.88
OHIO	9.97	24.18	14.40	48.56	43.53	45.05	60.17	6.34	48.65	48.61
OKLA	15.14	34.15	4.63	53.93	52.36	45.13	57.43	14.71	51.92	52.61
OREG	18.61	22.14	6.67	47.42	33.24	33.67	54.24	42.58	35.88	37.99
PA	10.28	16.86	11.51	38.65	35.91	43.38	60.66	41.97	39.84	38.97
R I	11.50	9.03	8.84	29.37	44.74	42.86	61.01	17.47	31.58	29.80
S C	6.08	9.88	18.31	34.28	28.88	31.43	52.82	16.00	30.57	32.96
S DAK	16.88	34.96	2.26	54.10	50.65	45.37	60.16	9.91	51.02	52.08
TENN	11.50	24.88	11.26	47.63	38.81	46.96	60.41	54.79	46.59	47.04
TEX	15.02	15.07	6.14	36.23	44.99	44.33	47.30	34.72	44.57	39.82
UTAH	14.94	35.78	1.03	51.75	39.16	44.39	54.90	33.59	39.81	41.60
VT	12.15	14.23	19.41	45.78	39.21	45.17	52.62	11.44	43.33	45.25
VA	8.47	12.03	15.50	36.00	28.48	34.63	58.13	14.72	29.85	34.35
WASH	14.91	24.34	8.61	47.86	33.86	46.30	58.74	33.90	35.33	37.52
W VA	10.68	18.47	11.35	40.49	43.86	45.30	59.74	3.55	46.53	43.12
WISC	11.94	28.18	12.90	53.02	44.15	36.26	59.06	54.26	50.79	51.47
WYO	17.16	42.56	0.31	60.02	40.00	54.57	50.95	57.13	42.32	47.00
P R	13.43	5.50	8.41	27.34	26.28	46.25	51.28	38.46	35.61	27.63
TOTAL	11.23	20.39	12.38	43.99	45.19	41.78	58.30	31.04	47.22	45.79

1/ GUARANTEED TO CONTAIN 2 OR MORE OF THE PRIMARY NUTRIENTS N, P_2O_5, K_2O.

2/ INCLUDES ONLY MATERIALS GUARANTEED TO CONTAIN 1 OR MORE PRIMARY NUTRIENTS.

TABLE 17 -- CONSUMPTION OF SELECTED N-P GRADES, YEAR ENDED JUNE 30, 1982

STATE	GRADE				
	10-34	11-37	11-55	13-52	28-14
	TONS				
ALA	2,572	357	0	0	5
ALAS	0	0	0	0	0
ARIZ	15,298	0	0	0	0
ARK	229	183	0	0	10
CALIF	52,768	1,892	7,304	0	0
COLO	20,202	1,698	0	0	0
CONN	0	0	0	0	0
DEL	1,562	0	0	219	0
D C	0	0	0	0	0
FLA	48	20	0	11	0
GA	13,046	0	0	7	45
HAW	638	0	0	0	0
IDAHO	0	0	1,359	0	0
ILL	26,351	398	347	466	0
IND	123,262	1,469	0	1,870	0
IOWA	46,378	0	3,717	466	0
KANS	46,141	8,195	1,704	96	0
KY	2,140	869	0	0	4
LA	98	2,503	0	0	16
MAINE	0	0	0	0	0
MD	5,352	0	0	530	0
MASS	15	0	0	0	0
MICH	19,823	0	0	1,436	0
MINN	33,689	0	5,748	0	255
MISS	301	233	0	0	0
MO	4,874	84	0	0	235
MONT	9,653	0	54,043	0	0
NEBR	86,538	860	2,575	0	48
NEV	554	0	0	0	0
N H	52	0	0	0	0
N J	78	0	0	18	0
N MEX	3,879	53	0	0	0
N Y	5,514	1	0	332	4
N C	6,411	51	14	0	125
N DAK	25,062	0	15,779	0	25
OHIO	35,068	0	0	2,333	0
OKLA	6,010	86	0	0	1,180
OREG	6,992	482	5,320	0	0
PA	4,445	1	0	162	0
R I	0	0	0	0	0
S C	3,493	0	0	0	0
S DAK	13,090	0	167	0	124
TENN	0	0	0	0	0
TEX	56,841	4,608	1,008	0	9,018
UTAH	2,100	0	0	0	0
VT	50	0	0	0	0
VA	2,256	0	0	180	9
WASH	16,551	0	7,046	0	0
W VA	175	0	0	3	0
WISC	17,069	0	1,976	0	0
WYO	2,281	0	0	0	0
P R	0	0	0	0	0
TOTAL	718,949	24,043	108,107	8,129	11,103

TABLE 17 -- CONSUMPTION OF SELECTED N-P GRADES,
YEAR ENDED JUNE 30, 1982--CONTINUED

STATE	GRADE 1/				
	30-10	11-48	16-20	18-46	21-53
	TONS				
ALA	199	0	23	3,095	0
ALAS	0	0	0	170	0
ARIZ	0	4,432	17,216	11,908	0
ARK	1,054	0	4,934	7,229	0
CALIF	97	43,914	67,765	16,535	0
COLO	647	12,635	1,365	40,789	0
CONN	38	0	0	0	0
DEL	0	0	0	3,746	156
D C	0	0	0	0	0
FLA	24	0	0	104	3,459
GA	2	1,706	12	4,818	0
HAW	0	0	0	2,354	33
IDAHO	0	12,274	24,739	54,520	0
ILL	36	0	0	657,984	72
IND	575	0	0	111,779	0
IOWA	238	0	1	501,780	2,588
KANS	0	0	2,818	227,854	1,131
KY	172	0	0	129,418	6
LA	73	0	93	4,138	0
MAINE	2	0	0	1,475	0
MD	36	0	0	8,998	0
MASS	14	0	0	1,086	0
MICH	344	0	0	83,339	3,985
MINN	146	1,198	2,663	368,266	0
MISS	0	0	0	12,828	0
MO	461	0	25	2,331	0
MONT	2,001	1,115	17,185	64,811	0
NEBR	1,170	0	4,836	140,614	0
NEV	28	0	2,645	143	0
N H	0	0	0	488	0
N J	159	0	0	2,435	264
N MEX	26	119	2,322	7,242	0
N Y	119	0	9,140	3,941	0
N C	235	1	0	11,788	0
N DAK	225	0	2,667	130,725	0
OHIO	310	0	0	151,234	0
OKLA	470	0	1,310	138,137	100
OREG	0	4,588	46,848	10,372	0
PA	1,390	0	0	25,491	0
R I	0	0	0	0	232
S C	0	0	0	1,237	0
S DAK	42	0	0	78,665	0
TENN	10	2,377	0	94,205	0
TEX	7,098	0	46,915	77,460	0
UTAH	640	1,500	394	1,500	0
VT	0	0	0	1,300	0
VA	44	0	0	8,968	0
WASH	0	6,868	36,034	22,604	0
W VA	7	0	0	6,280	0
WISC	446	0	106	151,175	0
WYO	81	34	250	18,963	0
P R	0	0	0	0	100
TOTAL	18,659	92,761	292,306	3,406,322	12,126

1/ IN OTHER TABLES, ALL QUANTITIES OF GRADE 11-48, 16-20, AND 21-53 ARE INCLUDED IN MATERIALS. THE OTHER GRADES LISTED ABOVE ARE INCLUDED IN MIXTURES.

TABLE 18 -- CONSUMPTION OF NITROGEN SOLUTIONS BY DIRECT-APPLICATION, YEARS ENDED JUNE 30, 1981 AND 1982

STATE	UNDER 28% NITROGEN		28-32% NITROGEN		OVER 32% NITROGEN	
	1981	1982	1981	1982	1981	1982
			TONS			
ALA	0	0	89,616	100,102	0	0
ALAS	0	0	0	0	0	0
ARIZ	17,604	15,157	102,610	90,645	0	0
ARK	237	473	86,796	80,396	810	237
CALIF	239,716	199,243	272,260	282,183	4,788	2,160
COLO	12,008	16,569	109,460	131,304	0	0
CONN	17	10	319	99	101	39
DEL	0	0	46,093	32,155	107	69
D C	0	0	80	75	0	0
FLA	1,723	3,322	83,656	73,521	18	0
GA	62,434	67,393	406,822	299,883	382	1,926
HAW	9,717	12,325	3	5,954	395	0
IDAHO	0	46	73,410	82,183	0	0
ILL	1,121	4,200	579,781	745,374	14,163	24,586
IND	0	0	505,714	515,442	2,969	2,497
IOWA	60	113	564,361	621,754	35	2,762
KANS	0	0	298,049	287,264	0	0
KY	0	0	64,251	65,931	0	0
LA	1,244	736	36,480	54,067	45	0
MAINE	0	0	451	42	0	0
MD	0	0	78,854	74,876	0	0
MASS	0	0	96	542	0	0
MICH	0	63	141,186	148,273	689	531
MINN	870	255	191,615	159,996	3,672	4,295
MISS	0	0	65,827	72,037	0	0
MO	2,482	2,497	139,685	152,099	29	7
MONT	0	0	15,717	20,258	0	0
NEBR	19,138	21,288	438,475	415,888	691	101
NEV	0	0	3,021	4,193	0	0
N H	0	0	0	0	6	0
N J	94	3	7,399	9,258	2	22
N MEX	143	302	14,740	21,441	0	0
N Y	102	0	59,594	54,242	1,806	0
N C	8,177	13,509	429,734	377,498	226	420
N DAK	0	0	62,218	55,486	0	0
OHIO	9,129	17,092	439,182	458,016	938	571
OKLA	2,408	3,047	105,751	99,218	897	0
OREG	2,216	0	64,912	75,388	0	0
PA	0	158	63,063	83,192	0	1,492
R I	0	0	0	0	0	0
S C	18,563	15,786	201,149	155,476	0	0
S DAK	52	38	31,061	44,651	2,001	0
TENN	0	0	45,641	40,080	0	0
TEX	1,749	2,766	355,044	317,384	11,761	6,996
UTAH	0	10	3,996	3,906	0	100
VT	0	0	2,016	2,016	0	0
VA	0	0	157,979	150,043	0	0
WASH	10,430	14,670	143,703	120,573	0	0
W VA	0	0	8,169	5,389	0	0
WISC	0	1,721	190,523	179,184	751	416
WYO	200	0	20,728	7,255	2	0
P R	0	0	0	15	0	0
TOTAL	421,634	412,792	6,801,200	6,776,247	47,284	49,227

TABLE 19 -- MICRONUTRIENTS SOLD FOR FERTILIZER IN THE UNITED STATES

REGION OF APPLICATION	QUANTITY OF THE ELEMENT SOLD			
	COPPER	IRON	MANGANESE	ZINC
	TONS			
	JULY 1, 1980 - JUNE 30, 1981			
NEW ENGLAND (CONN, ME, MASS, N H, R I, VT)	8.0	10.1	47.3	79.[illegible]
MID-ATLANTIC (DEL, D C, MD, N J, N Y, PA, W VA)	74.0	52.9	423.7	469.[illegible]
SOUTH ATLANTIC (FLA, GA, N C, S C, VA)	794.7	1,139.0	6,592.3	5,912.4
EAST NORTH CENTRAL (ILL, IND, MICH, OHIO, WIS)	171.9	575.0	4,225.2	3,661.[illegible]
WEST NORTH CENTRAL (IOWA, KANS, MINN, MO, NEBR, N DAK, S DAK)	186.0	691.5	1,025.1	14,293.5
EAST SOUTH CENTRAL (ALA, KY, MISS, TENN)	67.1	283.3	342.7	1,684.6
WEST SOUTH CENTRAL (ARK, LA, OKLA, TEX)	159.4	2,330.5	397.5	4,646.2
MOUNTAIN (ARIZ, COLO, IDAHO, MONT, NEV, N MEX, UTAH, WYO)	15.3	1,257.2	495.7	5,081.4
PACIFIC (CALIF, OREG, WASH)	80.1	713.4	389.6	8,090.2
ALAS, HAW, P R	3.7	12.4	12.4	8.6
TOTAL	1,560.2	7,065.3	13,951.5	43,927.3
	JULY 1, 1981 - JUNE 30, 1982			
NEW ENGLAND (CONN, ME, MASS, N H, R I, VT)	8.9	10.1	27.8	76.0
MID-ATLANTIC (DEL, D C, MD, N J, N Y, PA, W VA)	81.4	47.3	307.7	376.4
SOUTH ATLANTIC (FLA, GA, N C, S C, VA)	885.5	929.6	6,675.3	5,393.3
EAST NORTH CENTRAL (ILL, IND, MICH, OHIO, WIS)	172.4	643.0	3,973.2	4,123.2
WEST NORTH CENTRAL (IOWA, KANS, MINN, MO, NEBR, N DAK, S DAK)	264.0	970.8	2,508.4	18,309.1
EAST SOUTH CENTRAL (ALA, KY, MISS, TENN)	67.0	705.6	341.8	1,652.6
WEST SOUTH CENTRAL (ARK, LA, OKLA, TEX)	154.0	2,958.1	291.9	4,012.8
MOUNTAIN (ARIZ, COLO, IDAHO, MONT, NEV, N MEX, UTAH, WYO)	24.1	1,341.6	329.5	5,887.7
PACIFIC (CALIF, OREG, WASH)	93.0	613.6	593.4	9,232.5
ALAS, HAW, P R	1.1	8.2	0.8	3.0
TOTAL	1,751.4	8,227.9	15,049.8	49,066.6

TABLE 20 CONVERSION FACTORS AND AVERAGE ANALYSIS

TO CONVERT	TO	MULTIPLY BY
P_2O	P	0.43641
P	P_2O_5	2.29137
K_2O	K	0.83016
K	K_2O	1.20459

AVERAGE ANALYSES FOR YEAR ENDING JUNE 30, 1982

ITEM	N	P_2O_5	K_2O
MIXED FERTILIZERS	11.23	20.39	12.38
NITROGEN MATERIALS:			
ANHYDROUS AMMONIA	82.0		
AQUA AMMONIA	20.2		
AMMONIUM NITRATE	33.6		
AMMONIUM SULFATE	20.9		
NITROGEN SOLUTIONS	28.8		
SODIUM NITRATE	16.0		
UREA	45.6		
AMMONIUM NITRATE LIMESTONE	19.5		
PHOSPHATE MATERIALS:			
PHOSPHATE ROCK 1/		2.7	
SUPERPHOSPHATE (22% + UNDER)		19.2	
SUPERPHOSPHATE (OVER 22%)		44.9	
PHOSPHORIC SOLUTIONS		59.3	
AMMONIUM PHOSPHATE	15.1	27.5	
POTASH MATERIALS:			
POTASSIUM CHLORIDE			60.2
POTASSIUM MAGNESIUM SULFATE			22.0
POTASSIUM NITRATE	13.2		44.0
POTASSIUM SODIUM NITRATE	15.0		14.6
POTASSIUM SULFATE			49.5
ORGANIC MATERIALS:	2.7	2.0	2.1

1/ INCLUDES COLLOIDAL PHOSPHATE.

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