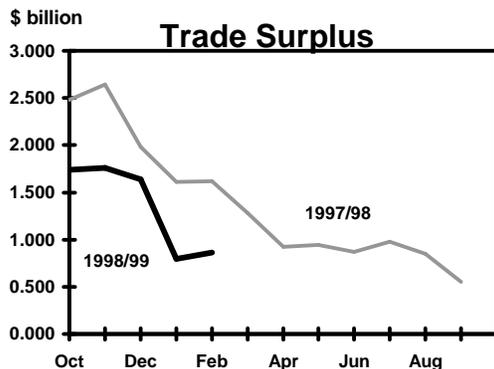


# U.S. Agricultural Trade Update

Economic Research Service  
U.S. Department of Agriculture

April 26, 1999



**Summary**—U.S. agricultural exports in fiscal 1999 through February are \$22 billion, 14 percent under the first 5 months of fiscal 1998. Imports during the same period are down nearly 1 percent to \$15 billion. Exports shipped in February 1999 (\$3.9 billion) dropped only a half percent from January, but were 18 percent below February 1998. Imports in February 1999 of \$3 billion slipped 3 percent from both January 1999 and February 1998. The cumulative export surplus is now \$6.8 billion, 34 percent below the same period in 1998.

A 10-percent decrease in *cotton* unit values accounts for much of the decline in U.S. 1999 cotton exports, which dropped to \$800 million and 528,000 tons from \$1.2 billion and 711,000 tons at the same time last year. Increased export competition is projected from Australia, Argentina, and West Africa in 1999, while Central Asian exports are expected to be little changed.

**Exports**—Bulk exports continue to show much greater declines than high-value product exports. Through February 1999, bulk exports of \$4.3 billion were less than half those of the same 5 months in 1998. Declines are particularly evident for soybeans, cotton, and wheat. Some of the drop results from lower prices, but much is due to strong export competition.

Although cumulative exports of *high-value products (HVP)* show some year-to-year gain, rising 5 percent so far in 1999 to \$17.8 billion, many key products show declines. Gains of 3 and 2 percent in fruit and vegetable exports in the year to date, primarily to Mexico, are nearly offset by a sharp drop in exports of soybean meal and poultry meats, down 53 and 29 percent. Soybean meal exports are suffering from continued weak demand and strong South American competition. Poultry meat to Russia has dropped by 80 percent in the wake of financial turmoil there.

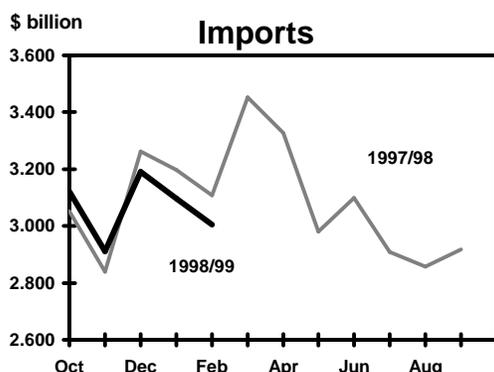
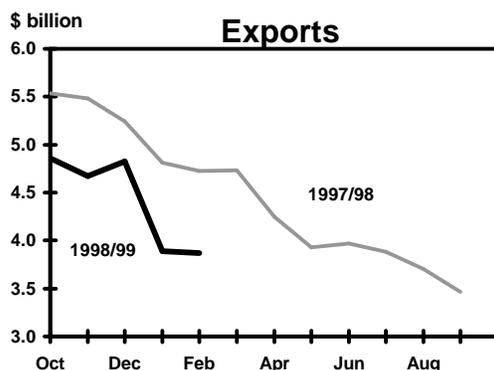
*Corn* exports have risen this year in contrast to other bulk commodities. The quantity of cumulative corn exports is up 28 percent from 1998 to 20 million tons, and value has increased 5 percent to nearly \$2 billion. The smaller gains in value reflect lower corn prices than last year. But export competition is reduced as exports from Argentina, the Republic of South Africa, and China are projected to decline.

**Imports**—Despite the slight year-to-year drop in cumulative imports, some products continue to show strong growth. Vegetable imports have reached \$2 billion, 11 percent over 1998. Imports of fruits are up 27 percent to \$1 billion. Canada and Mexico continue to be the major sources of U.S. fruit and vegetable imports. Wine and malt beverage imports also continue to show gains, up 11 and 14 percent in the year to date. However, imports of coffee and cocoa are down 22 and 10 percent from last year. [Carol Whitton, 202-694-5287]

Although *wheat* exports to date are 3 percent greater in quantity than in 1998, lower prices have pulled export value down 14 percent to \$1.5 billion. Export competition from Argentina and Canada is projected to decline in 1999; but only a slight decrease is expected in competition from Australia and the European Union (EU). Weak demand has also slowed exports.

*Soybean* exports show the sharpest decline in 1999, as record 1998 production and expected near-record 1999 production in Argentina and Brazil add to global supplies. Soybean exports of \$2.8 billion and 13.2 million tons are off 38 and 23 percent compared with the same period last year. The unit value of exports has declined by 20 percent from 1998.

**U.S. Agricultural Exports Generated Business and Added Jobs in 1997**—This issue includes, on pages 5-8, a special article on the effects of agricultural trade on the U.S. economy. The article concludes that each dollar received from the \$57.2 billion in agricultural exports in calendar year 1997 stimulated another \$1.28 billion dollars in supporting economic activities. The \$73.5 billion generated in supporting activity included: \$16.6 billion in the farm sector, \$6.2 billion in the food processing sector, \$16.2 billion in other manufacturing sectors, \$10.9 billion in trade and transportation, and \$23.6 billion in other services.



Next Update: May 25, 1999

Table 1--U.S. agricultural exports: Quantity and value by commodity

Quantity and unit	October-February				February			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	1998	1999	1998	1999	1998	1999	1998	1999
Total agricultural exports (NA)	0	0	25,794,340	22,117,996	0	0	4,727,260	3,870,204
Animals & animal prods (NA)	0	0	4,753,280	4,159,280	0	0	875,169	786,624
Animals live - ex poultry (NA)	0	0	321,001	307,565	0	0	42,181	21,822
Cattle & calves - live (NO)	126	135	81,096	70,682	23	17	14,423	8,373
Horses, mules, burros-live (NO)	34	42	176,687	205,467	3	3	13,096	8,581
Swine - live (NO)	43	176	9,294	13,513	8	22	2,276	1,776
Sheep, live (NO)	872	165	36,508	6,197	237	14	9,657	516
Other live animals (NA)	0	0	17,417	11,706	0	0	2,728	2,576
Meats & meat prods (MT)	852	835	1,885,264	1,764,598	161	163	345,608	361,725
Beef & veal (MT)	285	312	999,931	980,933	52	61	183,942	200,693
Beef & veal - fr or froz (MT)	279	303	971,422	947,532	51	60	178,156	195,951
Beef - prep or pres (MT)	7	8	28,510	33,401	1	1	5,787	4,742
Horsemeat-fr, chill, froz (MT)	5	4	16,314	14,790	1	1	3,125	2,328
Lamb,mutton or goat-fr, ch, frz (V)	1	1	3,241	4,098	0	0	523	400
Pork (MT)	152	156	434,336	383,591	30	29	77,918	74,073
Pork - fr or froz (MT)	133	141	383,444	347,903	25	26	65,906	68,113
Pork - prep or pres (MT)	19	15	50,892	35,688	5	3	12,012	5,960
Variety meats, edible offals (MT)	214	194	274,665	274,018	43	42	52,938	64,096
Other meats - fr or prep (MT)	194	167	156,777	107,168	35	30	27,160	20,135
Poultry & poultry prods (NA)	0	0	1,166,517	853,189	0	0	215,398	152,376
Poultry - live (NA)	23,897	24,758	50,252	46,376	5,114	4,207	9,868	8,098
Baby chicks (NO)	19,564	20,434	42,457	39,923	4,145	3,449	8,214	7,046
Other live poultry (NA)	4,333	4,324	7,795	6,453	969	758	1,654	1,052
Poultry meats (MT)	1,135	934	1,009,830	718,178	215	192	182,927	129,317
Chickens - fr or froz (MT)	996	829	792,694	556,799	193	174	148,167	103,644
Turkeys - fr or froz (MT)	90	68	103,971	73,643	13	12	15,119	11,818
Other poultry - fr or froz (MT)	2	3	4,338	5,486	0	0	408	865
Poultry meats-prep or pres (MT)	46	33	108,827	82,249	9	5	19,234	12,989
Feathers & downs, crude (MT)	1	1	8,310	5,346	0	0	2,561	1,074
Eggs (NA)	0	0	98,125	83,288	0	0	20,041	13,888
Dairy prods (NA)	0	0	398,445	363,549	0	0	84,194	69,368
Evap & condensed milk (MT)	4	2	2,600	1,442	1	0	454	146
Nonfat dry milk (MT)	40	30	69,282	44,278	7	9	12,238	11,622
Butter & anhyd milkfat (MT)	4	0	8,161	823	1	0	3,435	182
Cheese (MT)	16	15	54,696	50,734	3	3	9,485	9,609
Whey, fluid or dried (NA)	0	0	48,120	51,747	0	0	11,923	10,631
Other dairy prods (NA)	0	0	215,585	214,524	0	0	46,658	37,178
Fats, oils, & greases (MT)	477	613	248,064	266,461	92	130	44,544	55,882
Lard (MT)	27	30	14,704	15,145	5	6	2,302	2,746
Tallow - inedible (MT)	326	417	165,252	171,980	58	91	27,951	36,012
Other animal fats & oils (MT)	124	166	68,107	79,336	29	33	14,290	17,125
Hides & skins, incl furs (NA)	0	0	575,041	445,981	0	0	116,362	94,054
Bovine hides - whole (NO)	7,453	7,275	407,136	347,810	1,667	1,500	80,664	71,708
Other cattle hides - pieces (NA)	0	0	45,441	23,854	0	0	7,600	2,960
Calf skins, whole (PC)	898	663	17,503	11,240	149	137	2,809	2,330
Horse hides, whole (PC)	56	45	1,442	1,075	14	3	395	78
Sheep and lamb skins (PC)	0	0	10,863	2,609	0	0	1,128	538
Other hides & skins, ex furs (NA)	5,946	3,784	32,377	25,314	1,643	511	6,670	3,772
Furskins (NA)	0	0	60,279	34,080	0	0	17,096	12,667
Mink pelts (NO)	1,074	1,041	25,871	23,959	341	445	6,864	8,851
Other furskins (NA)	0	0	34,407	10,121	0	0	10,232	3,816
Wool & mohair (MT)	1	1	5,195	6,448	0	0	460	1,016
Sausage casings (MT)	7	10	26,702	28,603	1	2	4,888	5,691
Bull semen (NA)	0	0	29,223	26,660	0	0	4,121	5,056
Misc animal prods - other (NA)	0	0	97,829	96,227	0	0	17,414	19,635
Grains & feeds (MT)	37,851	42,336	6,320,759	6,074,046	7,325	7,800	1,226,041	1,119,565
Wheat, unmilled (MT)	11,237	11,547	1,747,688	1,504,246	1,875	1,736	282,793	231,308
Wheat flour (MT)	225	362	58,826	81,824	54	65	12,279	13,540
Bulgur wheat (MT)	1	7	174	1,171	0	2	15	301
Other wheat prods (MT)	31	36	30,696	35,677	6	6	5,237	6,495
Rice-paddy, milled, parb. (MT)	1,423	1,749	519,684	570,044	412	310	143,075	108,622
Feed grains & prods (MT)	19,455	22,849	2,389,787	2,322,915	4,039	4,574	497,536	468,468
Feed grains (MT)	19,215	22,559	2,310,827	2,230,641	3,985	4,525	480,229	454,063
Barley (MT)	675	219	89,929	26,732	42	62	5,936	6,943
Corn (MT)	15,631	20,016	1,885,168	1,979,761	3,044	3,777	369,169	380,795
Grain sorghums (MT)	2,893	2,314	333,777	222,885	896	684	104,661	66,077
Oats (MT)	14	9	1,857	1,246	3	2	438	248
Rye (MT)	1	0	95	18	0	0	24	0
Feed grain prods (MT)	240	290	78,961	92,274	54	49	17,306	14,404
Popcorn (MT)	43	42	30,904	26,380	9	9	5,959	5,368
Blended food prods (MT)	94	143	26,160	41,307	14	27	4,226	7,324
Other grain prods (MT)	388	476	458,664	480,807	72	113	87,554	90,225
Feeds & fodders, ex oilcake (MT)	4,953	5,125	1,058,175	1,009,675	846	958	187,369	187,914
Corn by-products (MT)	2,414	2,336	316,254	244,655	422	372	53,248	41,416
Alfalfa meal & cubes (MT)	101	125	18,273	18,486	18	27	3,255	3,512
Beet pulp (MT)	249	259	29,653	31,426	2	41	308	4,623
Citrus pulp pellets (MT)	238	278	13,817	26,103	51	107	3,410	9,622
Other feeds & fodders (MT)	1,951	2,127	680,178	689,005	354	412	127,149	128,741
Fruits & prep, ex juice (MT)	1,269	1,298	1,022,693	1,040,611	223	250	155,577	180,757
Fruits - fr (MT)	1,069	1,085	729,232	729,476	188	212	108,791	126,551
Fruits - fr - citrus (MT)	505	440	277,692	252,039	133	117	67,667	66,236
Grapefruit - fresh (MT)	220	245	104,318	122,901	60	77	29,107	38,841
Lemons & limes - fresh (MT)	57	55	45,750	39,102	11	10	6,033	6,908
Oranges & tangerines-fresh (M'	228	138	126,892	88,865	62	29	32,430	20,289

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Other citrus - fresh (MT)	1	1	732	1,171	0	0	97	199
Fruits - fr - noncitrus (MT)	563	645	451,540	477,437	55	95	41,124	60,315
Apples - fresh (MT)	267	360	165,971	202,088	34	72	21,698	40,566
Berries - fresh (MT)	13	16	28,222	30,462	2	2	3,569	4,230
Cherries - fresh (MT)	3	3	3,450	3,078	0	0	360	104
Grapes - fresh (MT)	122	109	154,979	134,288	1	1	2,279	1,485
Melons - fresh (MT)	30	37	15,140	16,796	3	5	1,980	2,494
Peaches - fresh (MT)	4	5	3,774	4,850	0	1	460	631
Pears - fresh (MT)	101	86	53,147	51,563	10	10	6,156	5,860
Plums - fresh (MT)	3	8	3,048	7,280	0	0	350	292
Other noncitrus - fresh (MT)	19	22	23,811	27,032	3	3	4,271	4,655
Fruits - dried (MT)	94	95	167,585	173,652	15	16	26,329	30,000
Raisins - dried (MT)	51	49	86,563	87,207	8	9	13,630	16,311
Prunes - dried (MT)	30	33	57,836	62,679	5	6	8,773	10,704
Other dried fruits (MT)	13	13	23,187	23,766	2	1	3,927	2,985
Fruits - canned ex juice (MT)	57	68	59,812	65,263	11	12	10,122	11,543
Fruits - froz ex juice (MT)	13	19	18,563	29,083	2	3	3,165	4,907
Other fruits - prep or pres (MT)	36	32	47,501	43,137	6	7	7,170	7,757
Fruit juices incl froz (HL)	3,722	4,068	235,062	253,726	872	869	49,278	54,501
Apple juice (HL)	185	128	20,181	14,978	27	24	3,583	3,232
Grape juice (HL)	321	370	22,477	26,994	48	80	4,101	5,906
Grapefruit juice (HL)	268	223	18,203	15,469	56	52	4,126	3,722
Orange juice (HL)	1,759	1,945	101,551	111,836	515	430	22,521	23,485
Other fruit juices (HL)	1,188	1,401	72,650	84,448	225	283	14,947	18,156
Wine (HL)	872	925	169,761	193,865	191	171	41,499	34,098
Nuts & prep (MT)	288	255	717,679	655,112	42	36	97,726	92,636
Almonds (shelled basis) (MT)	96	90	360,068	354,248	13	14	47,516	53,857
Filberts (MT)	15	7	27,059	12,337	1	0	2,950	607
Peanuts, shelled or prep (MT)	94	80	94,357	81,102	19	13	18,558	13,104
Pistachios (MT)	20	14	81,529	55,313	3	2	12,200	9,180
Walnuts, shelled/unshelled (MT)	46	48	105,720	103,423	2	3	6,028	8,425
Pecans, shelled or unshelled (MT)	5	4	21,817	19,411	1	1	5,756	3,682
Other nuts, shelled or prep (MT)	13	13	27,129	29,279	3	2	4,718	3,781
Vegetables & prep (NA)	0	0	1,745,916	1,798,626	0	0	327,013	328,052
Vegetables - fresh (MT)	682	717	433,035	424,526	134	135	80,703	77,371
Asparagus - fresh (MT)	3	4	10,642	10,604	2	2	5,847	5,100
Broccoli - fresh (MT)	56	66	39,772	42,946	14	13	9,389	7,565
Carrots - fresh (MT)	32	36	18,308	20,971	8	9	4,503	5,250
Cabbage - fresh (MT)	16	17	8,294	7,109	4	3	1,797	1,355
Celery - fresh (MT)	53	55	21,729	17,944	10	11	3,322	3,213
Cauliflower - fresh (MT)	36	42	24,839	28,081	7	8	5,164	4,905
Corn, sweet - fresh (MT)	7	5	3,486	2,756	2	1	1,396	522
Cucumbers - fresh (MT)	10	11	5,413	5,975	1	1	777	972
Garlic - fresh (MT)	4	4	5,267	6,314	0	0	384	584
Lettuce - fresh (MT)	135	142	79,940	70,016	26	26	11,532	12,171
Mushrooms - fresh (MT)	4	3	14,325	8,193	0	0	501	765
Onions and shallots - fresh (MT)	106	101	36,002	35,723	23	15	9,075	5,585
Peppers - fresh (MT)	23	28	24,158	22,752	4	5	4,516	4,253
Potatoes - fresh (MT)	62	62	20,185	22,006	12	14	4,098	4,762
Tomatoes - fresh (MT)	55	55	51,574	53,708	6	10	6,613	7,749
Other fresh vegetables (MT)	82	86	69,100	69,427	14	16	11,790	12,619
Vegetables - froz (MT)	260	282	201,278	220,663	47	48	37,460	36,671
Corn, sweet, frozen (MT)	32	29	26,585	25,157	5	6	4,026	4,808
Potatoes - frozen (MT)	183	201	131,345	146,576	33	33	24,280	23,443
Other frozen vegetables (MT)	45	52	43,348	48,930	9	9	9,154	8,421
Vegetables - canned (MT)	186	178	145,514	148,237	34	33	26,092	28,382
Pulses (MT)	257	285	130,115	141,284	63	42	33,568	21,565
Dried beans (MT)	183	198	101,992	108,903	48	26	27,935	14,465
Dried peas (MT)	50	63	17,044	23,027	10	10	3,410	4,796
Dried lentils (MT)	24	24	11,079	9,354	5	6	2,223	2,304
Hops, incl hop ext (MT)	5	4	49,020	42,626	1	1	7,572	5,777
Other veg - prep or pres (NA)	0	0	786,955	821,290	0	0	141,618	158,286
Oilseeds & prods (MT)	23,486	18,398	7,040,435	4,644,787	4,047	2,843	1,193,371	714,423
Oilcake & meal (MT)	4,511	3,270	1,142,771	552,787	1,091	684	252,350	114,053
Bran, hulls, legum. veg. (MT)	135	198	11,723	15,093	7	30	589	2,375
Corn oilcake & meal (MT)	29	34	3,285	3,643	1	6	64	595
Soybean meal (MT)	4,264	2,956	1,114,649	522,269	1,066	629	249,000	108,367
Other oilcake & meal (MT)	83	81	13,114	11,783	17	19	2,697	2,717
Oilseeds (MT)	17,490	13,805	4,883,584	3,151,766	2,665	1,920	732,990	431,612
Rapeseed (MT)	65	117	16,893	27,791	3	9	940	2,081
Safflower seeds (MT)	8	9	4,386	1,763	0	0	10	10
Soybeans (MT)	17,121	13,166	4,571,799	2,825,820	2,579	1,820	681,507	380,205
Sunflowerseeds (MT)	63	138	44,579	57,872	10	8	7,299	5,981
Peanuts, incl oilstock (MT)	23	22	20,697	18,055	3	2	2,452	1,770
Other oilseeds (MT)	149	293	46,798	66,616	61	68	16,122	13,465
Protein substances (MT)	61	60	178,432	153,849	10	13	24,660	28,100
Vegetable oils (MT)	1,486	1,322	1,014,079	940,234	292	239	208,032	168,758
Soybean oil (MT)	761	629	466,400	389,433	176	105	113,157	63,173
Cottonseed oil (MT)	39	24	24,193	15,665	7	5	4,411	3,346
Sunflower oil (MT)	212	171	131,115	111,785	29	47	18,386	30,469
Corn oil (MT)	201	196	137,894	151,425	31	31	22,416	22,977
Peanut oil (MT)	4	3	4,045	2,607	0	0	266	235
Rapeseed oil (MT)	71	69	44,324	42,677	6	4	3,293	2,274
Safflower oil (MT)	12	17	15,517	17,108	4	5	6,256	5,442

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Other veg oils & waxes (MT)	185	215	190,591	209,534	39	42	39,846	40,842
Tobacco - unmfq (MT)	90	99	597,981	646,972	17	24	110,643	149,078
Tobacco - light air-cured (MT)	12	11	94,233	92,235	4	5	33,368	37,425
Tobacco - flue cured (MT)	53	67	372,596	451,576	7	12	55,383	94,299
Other tobacco - unmfq (MT)	25	21	131,153	103,161	5	7	21,892	17,354
Cotton, ex linters (MT)	711	528	1,195,105	799,892	169	40	277,970	63,522
Cotton linters (MT)	27	14	11,962	5,716	4	3	4,339	1,071
Essential oils (MT)	18	17	200,914	194,830	4	4	40,649	40,115
Seeds - field & garden (MT)	432	276	484,590	442,824	73	51	104,505	88,699
Sugar & tropical prods (NA)	0	0	606,369	596,524	0	0	105,830	101,192
Sugar & related prods (NA)	0	0	239,856	240,039	0	0	39,702	38,814
Sugar - cane or beet (MT)	51	81	20,409	28,392	7	9	2,750	3,059
Related sugar prods (NA)	0	0	219,447	211,647	0	0	36,953	35,755
Coffee (MT)	16	20	95,336	92,459	3	3	18,783	15,547
Cocoa (MT)	15	17	32,398	37,270	3	3	5,411	6,576
Chocolate & prep (MT)	48	42	159,346	130,651	8	8	25,736	22,196
Tea & mate (MT)	9	11	37,568	49,746	2	2	8,116	8,838
Spices (MT)	11	12	27,691	28,162	2	2	6,424	5,269
Rubber - crude natural (MT)	7	11	13,428	17,019	1	3	1,525	3,822
Fibers ex cotton (MT)	1	1	747	1,179	0	0	133	129
Other misc veg prods (MT)	0	0	214,657	180,859	0	0	37,338	33,316
Nursery & greenhouse prods (NA)	0	0	134,988	138,232	0	0	28,066	27,212
Beverages ex juices (NA)	0	0	342,188	292,097	0	0	52,243	55,344
Selected non-ag exports (NA)	0	0	6,446,628	6,015,113	0	0	1,386,972	1,256,044
Fertilizers (MT)	0	0	1,090,679	1,390,191	1	1	268,961	236,542
Nitrogen (MT)	0	0	1,083,360	1,386,521	1	1	267,498	235,644
Phosphate (MT)	4	2	7,319	3,670	1	0	1,463	899
Fish & shellfish (MT)	0	0	955,394	916,560	0	0	241,745	214,424
Fish - fr or prep (MT)	0	0	514,020	499,021	0	0	133,952	119,341
Shellfish (MT)	0	0	311,657	298,471	0	0	55,674	58,601
Other fish prods (MT)	98	86	129,717	119,068	23	18	52,119	36,481
Ag chemicals (MT)	110	113	693,438	652,076	28	32	184,347	181,395
Fungicides (MT)	13	16	82,687	78,174	3	4	19,753	19,399
Herbicides (MT)	49	53	300,172	276,351	15	18	102,904	99,893
Insecticides (MT)	22	25	156,751	186,748	6	6	34,072	37,096
Other pesticides (MT)	26	19	153,829	110,804	5	4	27,618	25,007
Farm machinery (NA)	0	0	1,603,019	1,289,873	0	0	305,306	227,126
Tractors & self-prop mach (NO)	23	19	682,960	489,057	5	4	120,378	69,379
Other ag machinery & parts (NA)	0	0	920,059	800,816	0	0	184,928	157,747
Tobacco - mfg (NA)	0	0	2,104,098	1,766,413	0	0	386,613	396,557

Tables contain preliminary data. NA = Not available. Zeros in quantity columns indicate none or less than 500 units.

Table 2- Leading markets in fiscal 1998 and 1999 and February 1999

	metric tons				metric tons		
	Oct.-Feb. 1997/1998	Oct.-Feb. 1998/1999	Feb. 1999		Oct.-Feb. 1997/1998	Oct.-Feb. 1998/1999	Feb. 1999
<b>Wheat</b>				<b>Corn</b>			
Egypt	2,054,472	1,997,079	208,063	Japan	6,186,414	6,224,077	1,232,236
Japan	1,421,403	1,435,812	239,386	South Korea	877,977	2,490,988	450,034
Mexico	430,233	669,584	196,315	China (Taiwan)	1,902,577	1,924,228	367,171
Philippines	559,878	626,903	224,710	Mexico	1,187,750	1,916,904	218,319
European Union	417,156	572,806	10,963	Egypt	887,730	937,351	201,606
South Korea	547,890	570,081	44,598	Colombia	533,333	610,380	144,848
Nigeria	276,139	532,002	174,593	Venezuela	363,267	560,878	90,633
Bangladesh	149,946	504,905	18,001	Saudi Arabia	473,242	515,933	86,504
Pakistan	1,301,750	499,310	0	Algeria	390,047	474,845	110,452
China (Taiwan)	375,992	352,591	19,740	Chile	146,136	391,513	114,613
World	11,237,422	11,546,947	1,736,024	World	15,630,970	20,016,141	3,777,478
<b>Soybeans</b>				<b>Cotton</b>			
European Union	6,947,532	4,808,603	655,505	Mexico	102,185	156,817	11,221
Japan	1,914,231	1,907,821	388,481	Japan	68,478	55,136	6,341
Mexico	1,503,353	1,437,161	221,750	South Korea	64,245	45,211	2,125
China (Mainland)	1,309,241	1,030,399	87,164	Hong Kong	21,298	41,227	226
China (Taiwan)	1,363,124	882,669	159,621	Canada	23,993	33,679	1,980
South Korea	590,771	502,653	25,899	China (Taiwan)	37,615	30,316	473
Indonesia	502,857	342,192	66,665	Indonesia	48,485	28,027	2,310
Thailand	298,143	286,080	0	European Union	34,306	20,121	2,314
Israel	250,584	215,587	72,898	Guatemala	7,483	19,273	136
Malaysia	196,264	134,800	0	El Salvador	10,708	15,441	520
World	17,121,464	13,166,274	1,819,770	World	711,327	527,931	39,617

## **U.S. Agricultural Trade Boosts Overall Economy**

U.S. agricultural exports generate employment, income, and purchasing power in both the farm and nonfarm sectors. Each dollar received from agricultural exports in calendar year 1997 stimulated another \$1.28 of economic activity. Thus, the \$57.2 billion of agricultural exports in 1997 stimulated an additional \$73.5 billion in activities that produce U. S. exports. Farmers' purchases of fuel, fertilizer, and other inputs to produce commodities for export spurred economic activity in the manufacturing, trade, and transportation sectors.

Agricultural exports generated a total of \$130.8 billion in business activity in 1997: \$57.2 billion for exports and \$73.5 billion for supporting activities. Net exports in 1997 contributed almost \$21 billion to the U.S. trade balance, a decrease from \$26.8 billion in 1996. Agricultural exports generated an estimated 871,000 full-time civilian jobs, including 550,000 jobs in the nonfarm sector. However, employment peaked in 1981 when bulk and processed agricultural exports provided jobs for 1.2 million workers. Exports in 1981 generated \$106.3 billion in business activity: \$43.3 billion for exports and \$63 billion for supporting activities.

### **Exports Generate New Business, Add Jobs**

The United States exported \$57.2 billion of agricultural products in 1997. The value of exported raw products was \$21.5 billion; processed commodities, \$23.5 billion; and other manufacturing, transportation, trade, and services for raw and processed products, \$12.2 billion. The \$73.5 billion in 1997 supporting activity included \$16.6 billion from the farm sector, \$6.2 billion from the food processing sector, \$16.2 billion from other manufacturing sectors, \$10.9 billion from trade and transportation, and \$23.6 billion from other services. Nonfarm sectors of the economy received about 77 percent of the \$73.5 billion in supporting economic activity.

Employment required to support 1997's agricultural exports rose slightly from the level required in 1996. Various factors, including the export commodity mix, sectoral price changes, the actual volume of goods, and labor productivity changes, contributed to the rise. Of the 871,000 full-time civilian jobs related to agricultural exports, more than 321,000 U.S. farm workers, almost 10 percent of the farm labor force, worked in the production of export commodities. In addition, 550,000 jobs in the nonfarm sector were directly or

indirectly related to the assembling, processing, and distributing of agricultural products for export. About 90,000 of these were in food processing, 175,000 in trade and transportation, 76,000 in other manufacturing sectors, and 209,000 in other services.

The value of bulk agricultural exports (grains, oilseeds, and cotton) declined by more than \$5 billion in 1997 from 1996. High-value products (fresh fruits and vegetables, semi-processed, and high-value processed) increased slightly and are worth more in the \$57.2 billion commodity mix of agricultural exports in 1997. Higher value agricultural exports accounted for about \$34.6 billion, or 60 percent of all direct exports. Bulk exports have a smaller proportional effect on the nonfarm economy than processed exports. Direct bulk exports generated an additional \$17.9 billion of business activity, while direct high-value exports generated an additional \$55.6 billion (\$0.81 additional output per dollar of bulk exports compared with the \$1.28 for all agricultural exports and \$1.57 for higher value exports).

The additional business activity attributable to bulk exports was distributed differently across economic sectors--6 percent to farming, 29 percent to manufacturing, 49 percent to other services, and 16 percent to wholesale and retail trade, and transportation--than the additional business activity for high-value agricultural exports. Activity for high-value exports was distributed 28 percent to farming; 31 percent to manufacturing; 27 percent to other services; and 14 percent to wholesale trade, retail trade, and transportation. Of the 871,000 jobs related to U.S. agricultural exports, 591,000 (68 percent) supported high-value exports. While high-value exports increased in 1997 by \$2.2 billion, this was more than offset by a drop in the value of exported bulk commodities of \$5.4 billion.

#### The Effect of Agricultural Imports on U.S. Output

Net agricultural exports of \$20.9 billion partially offset a \$242-billion deficit in nonfarm trade in calendar year 1997, leaving the U.S. trade balance in deficit by \$221 billion. The United States imported \$36.3 billion in agricultural commodities in 1997; \$9.4 billion was spent on items that did not compete directly with U.S. agriculture, such as bananas, coffee, and tea. The balance of \$26.9 billion was spent on imports (such as meat, dairy products, fruits, nuts, vegetables, sugar, and wines) that compete with U.S. products. Only competitive imports were included in this analysis. The Economic Research Service estimates that the equivalent domestic output effect of the \$26.9 billion of competitive imports in 1997 was \$63.9 billion. Each

dollar spent on imports would have required another \$1.37 in supporting goods and services if those imported items had been produced domestically, an output multiplier of 2.37.

Almost all of the positive trade balance or direct benefit comes from bulk agricultural exports. The port value of other agricultural exports and total imports just about offset each other (table 1). The economy-wide 1997 net business surplus for agricultural trade was an estimated \$57.5 billion, a result of \$130.8 billion of total output generated by farm exports minus \$73.3 billion stimulated by agricultural imports (including noncompetitive imports).

U.S. agricultural trade positively affects most sectors of the economy. The farm sector's \$38.1 billion of output associated with agricultural exports more than doubled the \$15.4 billion of farm output implicitly produced inefficiently because of competitive agricultural imports. All manufacturing, including the food processing sectors, gained \$20.5 billion in total output, about 69,000 jobs, and \$4.9 billion in income. The U.S. economy outside of farming and food processing directly accrued a net of \$6.9 billion from agricultural trade and a net increase in output of \$33.1 billion after considering the inefficiency of output due to competitive agricultural imports.

In 1997, the share of total income attributed to agricultural exports and competitive imports to the nonfarm sector was 71 percent and 77 percent, respectively; with nonfarm, nonfood sectors of the economy receiving 59 percent of income from agricultural exports and 58 percent of income from competitive imports. The farm sector received 29 percent of the total income from agricultural exports, while the food processing sector received 12 percent, reflecting the importance of raw agricultural commodities in the export bill of goods. The total income effect of competitive imports (a lower level than exports) was less pronounced between the farm and food processing sectors, with the food processing sector at about 19 percent and the farm sector generating about 23 percent of all import income effects. This reflects the greater importance of processed food products in the competitive import bill of goods. This economy-wide analysis likely is conservative because it does not include additional spending that may result from higher levels of income. (William Edmondson, Food Marketing Branch, Farm & Rural Economics Division, 202-694-5374, WEDMONDS@econ.ag.gov)

Table 1--U.S. economic activity triggered by agricultural trade

Item	1995	1996	Total	1997	
	Total	Total		Bulk	Other
Economic activity generated by agricultural exports	132.9	139.9	130.8	39.9	90.9
Exports	56.3	60.4	57.2	22.7	34.6
Imports	30.3	33.7	36.3	2.1	34.2
Competitive	21.9	25.4	26.9	2.1	25.2
Complementary	8.5	8.2	9.4	0.0	9.4
Trade balance	26.0	26.8	20.9	20.6	0.4
Supporting activities	77.1	79.5	73.5	17.9	55.6
Farm	20.0	21.9	16.6	1.1	15.5
Food processing	6.3	6.7	6.2	0.1	6.1
Other manufacturing	15.5	15.5	16.2	5.1	11.1
Trade and transportation	9.8	9.7	10.9	2.9	8.0
Other services	25.5	25.6	23.6	8.8	14.8
Nonfarm share	74	73	77	94	72
Multiplier (\$1 of exports generates x.xx additional business activity)	1.38	1.32	1.28	0.81	1.57
Employment due to exports:					
Total	895	859	871	280	591
Farm	333	292	321	120	201
Number of jobs per \$billion of exports	16.0	14.2	15.2	12.7	16.7
Percent of farm workforce	10	8	9	3	6
Nonfarm	562	566	550	160	390
Food processing	84	86	90	0	90
Other manufacturing	71	70	76	20	56
Trade and transportation	200	196	175	67	108
Other services	207	214	209	73	136
Domestic equivalent of the economic activity generated by competitive imports	53.6	62.8	63.9	3.5	60.4
Net business surplus of agricultural trade	70.9	68.9	57.5	36.4	21.1
Nonfarm, nonfood processing sectors:					
Net direct benefit from exports	6.7	6.8	6.9	4.6	2.3
Net increased output from exports	47.8	41.6	26.2	15.2	11.0
Farm share of total income from Exports	32	34	29	42	21
Trade and transportation share of total income from exports	21.7	21.2	22.7	23.6	21.9

Table 3--U.S. agricultural imports: Quantity and value by commor

Quantity and uni	October-February				February			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	1998	1999	1998	1999	1998	1999	1998	1999
Total agricultural imports (NA)	0	0	15,462,572	15,325,860	0	0	3,107,999	3,005,516
Noncompetitive ad imports (NA)	0	0	4,026,028	3,454,303	0	0	879,464	694,384
Bananas & plantains (MT)	1,682	1,661	473,282	458,512	344	340	93,498	93,238
Coffee, incl prods (MT)	484	534	1,639,395	1,275,503	119	118	405,723	285,285
Cocoa & prods (MT)	396	373	795,655	717,447	105	79	191,417	138,832
Tea (MT)	48	48	88,785	89,211	10	10	17,933	16,130
Spices (MT)	63	68	188,891	212,172	10	10	28,973	27,022
Rubber & allied gums - crude (MT)	452	494	432,920	340,277	77	94	67,657	60,325
Silk - raw (MT)	0	0	262	272	0	0	91	0
Wool, unmfed - carpet (MT)	5	5	13,441	10,753	1	1	1,923	2,045
Fibers, excl cotton (MT)	41	42	18,642	17,233	10	9	3,730	3,509
Essential oils (NA)	0	0	152,935	136,611	0	0	28,701	28,784
Druas - crude natural (MT)	37	26	221,819	196,311	4	3	39,819	39,213
Competitive ad imports (NA)	0	0	11,436,544	11,871,557	0	0	2,228,535	2,311,132
Animals & prods (NA)	0	0	2,817,896	2,872,391	0	0	520,510	497,931
Animals-live, ex poultry (NO)	0	0	732,337	640,759	0	0	132,436	107,435
Cattle and calves (NO)	957	933	478,845	448,943	177	177	94,440	81,096
Horses, mules, burros (NO)	14	15	96,777	101,385	2	2	9,592	9,474
Swine (NO)	1,635	1,686	143,424	72,728	322	289	25,595	13,742
Sheep, live (NO)	30	24	3,931	2,316	8	8	1,034	747
Other live animals (NO)	0	0	9,360	15,388	0	0	1,775	2,375
Meats & prods, ex poultry (MT)	0	0	1,080,899	1,158,782	0	0	214,756	209,548
Beef & veal (MT)	322	344	676,553	738,312	68	61	137,439	130,543
Beef & veal - fr or froz (MT)	297	311	594,870	627,547	64	56	124,683	113,986
Beef & veal - prep or pres (MT)	25	33	81,683	110,765	4	5	12,756	16,558
Pork (MT)	111	139	296,150	290,646	21	26	55,548	55,084
Pork - fr or froz (MT)	83	106	194,129	187,165	15	19	34,588	34,574
Pork - prep or pres (MT)	28	33	102,020	103,481	6	7	20,960	20,510
Mutton, goat & lamb (MT)	17	22	61,632	71,057	4	4	14,015	13,454
Mutton goat & lamb-fr/frz (MT)	0	10	0	47,887	0	2	0	9,194
Horsemeat - fr or froz (MT)	0	0	6	5	0	0	0	0
Variety meats - fr or froz (MT)	17	21	25,892	29,744	3	3	4,625	4,963
Other meats - fr or froz (MT)	1	2	9,024	13,038	0	0	1,294	1,897
Other meats & prods (MT)	4	5	11,642	15,979	1	1	1,836	3,607
Poultry and prods (NA)	0	0	89,817	80,849	0	0	15,719	14,510
Poultry - live (NA)	4,610	4,774	8,793	7,607	1,013	852	1,486	1,409
Poultry meat (MT)	3	5	11,306	14,273	1	1	1,786	2,460
Eggs (NA)	0	0	7,459	6,574	0	0	1,488	1,495
Feathers & down - crude (MT)	10	10	62,259	52,395	2	2	10,960	9,145
Dairy products (NA)	0	0	532,612	665,124	0	0	89,252	108,885
Milk & cream, fr or dried (MT)	0	0	13,079	23,717	0	0	1,184	3,632
Butter & butterfat mixtures (MT)	3	13	5,332	27,250	1	2	1,299	3,551
Cheese (MT)	63	88	245,491	326,007	8	13	32,846	50,821
Casein & mixtures (MT)	43	42	179,505	168,216	9	7	36,740	27,352
Other dairy prods (NA)	0	0	89,206	119,933	0	0	17,183	23,528
Fats, oils, & greases (MT)	33	27	24,881	21,059	6	6	4,758	4,453
Hides & skins (NA)	0	0	89,494	65,889	0	0	17,022	13,259
Sheep & lamb skins (MT)	1	1	3,395	1,947	0	0	750	488
Other hides & skins (NA)	0	0	45,516	38,316	0	0	8,106	7,730
Furskins (NA)	2,797	1,978	40,583	25,626	445	405	8,165	5,041
Wool - unmfed, apparel grades (MT)	18	10	68,897	31,903	2	1	9,059	2,632
Sausage casinos (MT)	6	6	32,378	30,591	1	1	6,995	4,847
Bull semen (NA)	0	0	3,073	7,585	0	0	626	1,822
Misc animal prods (NA)	0	0	163,509	169,850	0	0	29,886	30,541
Grains & feeds (MT)	0	0	1,262,406	1,230,094	0	0	217,991	225,818
Wheat, ex seed (MT)	853	959	141,249	124,062	175	223	27,986	28,820
Corn, unmilled (MT)	39	224	6,120	21,825	6	52	1,007	4,923
Oats, unmilled (MT)	836	617	100,089	52,342	113	99	14,306	8,803
Barley, unmilled (MT)	301	263	44,704	32,224	46	40	6,949	4,999
Rice (MT)	129	146	84,817	83,801	28	26	16,666	13,842
Biscuits & wafers (MT)	129	151	307,379	361,232	22	26	46,727	59,084
Pasta & noodles (MT)	126	129	115,820	121,969	22	23	20,265	21,798
Other grains & preps (NA)	0	0	239,547	249,239	0	0	45,218	46,660
Feeds & fodders, ex oilcake (MT)	614	496	222,680	183,399	110	115	38,868	36,889
Fruits & preps (MT)	1,184	1,337	822,511	1,047,091	307	413	214,408	291,850
Fruits - fr or froz (MT)	923	1,053	555,840	769,649	256	355	165,663	236,254
Apples, fresh (MT)	40	24	14,126	13,400	4	4	2,049	2,383
Avocados (MT)	21	44	24,337	47,821	2	3	2,667	3,874
Berries, excl strawberries (MT)	30	39	34,625	65,308	2	4	4,720	8,167
Citrus, fresh (MT)	118	152	62,723	99,839	16	33	5,115	24,549
Grapes, fresh (MT)	173	194	179,210	226,936	83	95	80,540	89,607
Kiwi fruit, fresh (MT)	2	5	2,122	5,349	1	1	712	1,417
Mangoes (MT)	9	29	10,638	27,396	2	5	2,736	5,911
Melons (MT)	318	328	92,182	109,413	83	129	24,398	39,662
Peaches (MT)	30	41	23,816	36,690	11	16	7,693	13,001
Pears (MT)	18	23	14,733	22,859	16	20	10,444	16,962
Pineapples, fresh or frozen (MT)	102	97	37,799	38,058	17	16	4,662	4,934
Plums (MT)	15	17	13,567	17,227	7	10	5,212	9,559
Strawberries, fresh or froz (MT)	11	17	18,705	22,874	6	8	8,770	9,450
Other fruits, fresh or froz (MT)	37	42	27,258	36,478	8	9	5,947	6,778
Fruits - prep or pres (MT)	261	284	266,670	277,442	50	59	48,744	55,596
Pineapples - canned or prep (MT)	115	129	85,893	94,413	22	28	16,361	20,146
Other fruits - prep or pres (MT)	145	155	180,777	183,029	29	31	32,384	35,450
Fruit juices (HL)	10,907	12,441	283,526	301,910	1,714	2,342	46,145	56,449
Apple juice (HL)	3,859	4,415	101,166	74,225	507	693	13,111	11,623
Grape juice (HL)	679	599	28,891	30,365	110	121	4,449	6,015
Grapefruit juice (HL)	3	2	155	135	1	0	44	15
Lemon juice (HL)	127	169	2,618	2,712	30	47	543	504
Lime juice (HL)	53	42	1,008	1,893	7	8	175	153
Orange juice (HL)	4,611	5,632	79,777	131,948	797	1,163	15,708	26,317
Pineapple juice (HL)	1,023	1,075	31,875	32,760	194	235	6,370	7,405
Other fruit juice (HL)	553	507	38,037	27,872	68	75	5,746	4,417
Nuts & preps (MT)	103	102	295,152	287,588	16	14	46,653	46,531
Brazil nuts (MT)	4	3	11,651	7,284	0	0	680	959
Cashew nuts (MT)	31	25	142,083	125,193	5	5	23,907	28,107
Chestnuts (MT)	4	5	10,772	10,981	0	0	220	195
Coconut meat (MT)	33	29	27,488	23,616	6	4	4,663	3,877
Filberts (MT)	3	3	11,759	13,837	0	0	774	1,773
Macademia nuts (MT)	1	2	14,115	12,884	0	0	1,050	830

Table 3--U.S. agricultural imports: Quantity and value by commoc

Quantity and uni	October-February				February			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	1998	1999	1998	1999	1998	1999	1998	1999
Pecans (MT)	17	23	42,532	59,273	3	2	8,605	6,481
Pistachio nuts (MT)	0	0	905	664	0	0	28	46
Other nuts (MT)	10	13	33,847	33,858	1	2	6,726	4,262
Vegetables & preps (NA)	0	0	1,818,927	2,009,920	0	0	406,655	435,454
Vegetables - fr or froz (MT)	1,681	1,706	1,136,880	1,225,007	430	413	278,150	272,044
Tomatoes (MT)	336	303	278,378	366,156	105	94	66,457	78,849
Asparagus, fresh or frozen (MT)	26	33	53,099	63,388	8	10	16,376	18,371
Beans, fresh or frozen (MT)	15	18	15,860	20,580	4	4	4,239	3,887
Cabbage (MT)	28	13	7,142	3,043	4	2	1,147	425
Carrots, fresh or frozen (MT)	61	46	15,628	13,167	9	8	2,513	2,620
Cauliflower & broccoli, fr/fz (MT)	121	126	71,681	80,852	21	30	12,384	19,219
Celery, fresh (MT)	15	22	3,981	5,095	6	8	1,347	1,679
Cucumbers (MT)	186	188	76,389	66,769	46	44	23,619	17,746
Eggplant (MT)	22	19	15,633	10,889	6	5	6,258	2,559
Endive, fresh (MT)	1	1	2,129	3,087	0	0	310	604
Garlic (MT)	5	18	7,484	22,404	2	9	3,338	8,985
Lettuce (MT)	9	7	6,358	4,177	2	2	1,354	1,140
Okra, fresh or frozen (MT)	5	4	2,993	2,716	1	1	714	621
Onions (MT)	92	100	73,909	58,049	27	21	14,804	10,893
Peas, incl chickpeas (MT)	17	16	21,835	19,491	4	4	5,584	5,877
Peppers (MT)	148	160	171,121	143,343	39	39	44,424	27,640
Potatoes, fresh or frozen (MT)	356	363	132,999	145,295	85	75	28,691	28,751
Radishes, fresh (MT)	9	9	6,900	7,813	2	2	1,172	1,517
Squash (MT)	94	98	62,456	63,013	24	20	17,255	14,141
Other veas - fr or froz (MT)	136	165	110,905	125,680	33	37	26,166	26,520
Vegetables-prep/pres (NA)	0	0	682,046	784,913	0	0	128,506	163,410
Bamboo shoots, preserved (MT)	14	15	10,994	10,446	2	2	1,285	1,375
Bean cake, miso (MT)	3	3	9,214	5,801	1	0	1,686	1,056
Cucumbers, preserved (MT)	19	24	9,726	12,107	5	6	1,985	2,920
Garlic, dried (MT)	5	34	1,886	21,596	1	4	408	2,986
Olives - prep or pres (MT)	35	35	76,735	76,833	7	7	13,709	16,642
Mushrooms, canned (MT)	27	19	44,218	38,808	8	4	11,352	7,978
Mushrooms, dried (MT)	1	1	8,676	8,775	0	0	1,766	1,714
Onions, preserved (MT)	1	1	1,653	1,292	0	0	250	139
Hops, incl extract (MT)	2	3	14,506	16,372	1	1	4,278	7,162
Artichokes - prep (MT)	8	6	12,410	14,019	1	2	2,246	4,317
Asparagus - prep (MT)	0	0	776	872	0	0	62	86
Tomatoes, incl paste & sauce (MT)	44	69	34,568	63,591	7	10	6,197	9,052
Waterchestnuts (MT)	14	11	8,871	7,239	3	3	1,587	1,648
Beans & peas, dried (MT)	31	29	17,793	17,215	5	6	3,126	3,276
Mustard (MT)	5	6	6,238	6,852	1	1	1,172	1,191
Peppers & pimentos, prep (MT)	7	9	7,916	11,885	2	2	1,847	2,629
Sov sauce (MT)	17	19	17,564	19,211	3	3	2,710	3,147
Starches, excl wheat & corn (MT)	63	59	44,061	37,961	17	16	9,235	10,049
Soups & sauces (MT)	52	72	99,745	121,855	9	13	16,701	24,179
Vinegar (HL)	109	122	15,355	15,756	20	20	2,066	2,223
Yeasts (MT)	21	23	23,464	26,769	4	4	4,446	4,905
Other vegetables-prep/pres (NA)	0	0	215,678	249,659	0	0	40,393	54,736
Sugar & related prods (NA)	0	0	582,203	567,897	0	0	121,152	96,934
Sugar - cane & beet (MT)	740	602	234,995	212,018	129	92	58,282	28,619
Molasses (HL)	4,106	3,658	31,138	22,785	1,129	670	9,305	4,047
Confectionery prods (MT)	95	108	225,396	248,890	16	22	38,360	47,662
Other sugar & related prods (MT)	158	169	90,674	84,203	29	32	15,206	16,607
Spices (MT)	11	15	18,767	23,686	2	3	3,397	4,398
Tobacco - unmf (MT)	112	82	426,332	321,121	22	14	80,688	54,452
Tobacco - filler (MT)	99	73	401,637	304,787	18	14	76,759	51,808
Tobacco - scrap (MT)	12	9	5,728	5,728	4	0	1,775	145
Other tobacco (MT)	1	1	18,967	10,605	0	0	2,153	2,499
Beverages, ex fruit juices (HL)	0	0	1,430,206	1,604,589	0	0	233,525	288,142
Wine (HL)	1,888	1,742	788,859	874,118	257	260	108,001	128,437
Malt beverages (HL)	6,321	7,216	572,295	651,020	1,238	1,586	110,804	142,370
Other beverages (HL)	0	0	69,053	79,451	0	0	14,720	17,335
Oilseeds & prods (MT)	1,847	1,624	928,006	848,395	338	279	171,732	146,516
Oilseeds & oilnuts (MT)	426	370	148,365	127,801	77	69	26,688	23,742
Flaxseed (MT)	111	54	30,657	14,322	23	15	5,905	3,820
Mustard seeds (MT)	29	22	10,323	7,642	5	5	1,769	1,509
Rapeseed (MT)	194	176	60,607	47,643	41	31	12,834	9,240
Sesameseed (MT)	17	21	18,075	23,760	4	4	3,888	4,307
Soybeans (MT)	40	53	11,062	14,332	1	9	429	2,134
Sunflower seeds (MT)	15	21	4,394	6,552	3	2	715	744
Other oilseeds & oilnuts (MT)	19	22	13,247	13,551	2	3	1,147	1,988
Oils & waxes-vegetable (MT)	881	743	694,751	657,565	150	122	128,400	111,780
Castor oil (MT)	13	7	9,832	6,493	0	1	242	456
Coconut oil (MT)	340	185	171,000	122,981	60	12	35,595	8,173
Cottonseed oil (MT)	0	17	52	10,655	0	3	13	1,937
Olive oil (MT)	63	68	148,128	138,394	10	12	22,070	22,849
Palm oil (MT)	58	48	25,038	26,039	7	11	3,061	6,475
Palm kernel oil (MT)	71	54	47,092	38,726	9	15	6,573	10,886
Peanut oil (MT)	2	15	1,979	13,236	0	4	73	3,423
Rapeseed oil (MT)	202	207	130,609	132,687	35	42	23,826	26,513
Soybean oil (MT)	13	13	8,687	8,788	2	2	1,463	1,080
Sesame oil (MT)	3	3	9,149	8,217	1	0	1,664	1,343
Other vegetable oils (MT)	116	125	143,184	151,349	26	20	33,820	28,644
Oilcake & meal (MT)	541	511	84,889	63,029	111	89	16,644	10,994
Cotton, excl linters (MT)	0	9	309	17,018	0	3	30	3,893
Cotton linters (MT)	5	8	6,070	2,090	1	2	812	588
Seeds - field & garden (MT)	65	96	135,519	145,405	19	33	27,324	32,203
Cut flowers (NA)	0	0	300,190	248,782	0	0	81,563	71,744
Nursery stock, bulbs, etc. (NA)	0	0	181,713	206,653	0	0	31,401	36,639
Other vegetable prods (MT)	0	0	126,813	136,926	0	0	24,549	21,589
Selected non-ag imports (NA)	0	0	6,626,271	6,170,732	0	0	1,300,948	1,198,970
Fertilizers (MT)	10,666	10,458	1,017,140	993,105	2,178	2,282	204,532	206,524
Potassium (MT)	4,597	3,763	332,610	328,181	1,070	830	81,871	70,407
Nitrogen (MT)	3,248	4,110	460,809	494,496	540	889	76,712	101,705
Phosphate (MT)	2,818	2,583	222,738	168,495	568	562	45,819	34,152
Fish (MT)	0	0	3,481,369	3,384,761	0	0	578,120	567,674
Fish fresh or prep (MT)	0	0	1,354,194	1,431,495	0	0	258,560	259,242
Shellfish (MT)	226	232	2,098,296	1,924,716	36	37	314,900	301,204
Fish prods, other (MT)	17	19	28,878	28,550	2	4	4,659	7,228
Aa chemicals (MT)	52	50	521,805	412,010	17	14	177,612	121,659

Table 3--U.S. agricultural imports: Quantity and value by commoc

Quantity and uni	October-February				February			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	1998	1999	1998	1999	1998	1999	1998	1999
Fungicides (MT)	13	15	54,843	71,530	4	4	17,525	15,938
Herbicides (MT)	10	7	161,487	109,412	3	3	47,088	25,949
Insecticides (MT)	6	9	93,601	68,207	2	3	34,499	28,053
Other pesticides (MT)	23	18	211,874	162,861	7	4	78,501	51,718
Farm machinery (NA)	0	0	1,404,951	1,233,161	0	0	298,533	272,366
Tractors & self-prop mach (NO)	1,609	3,869	774,771	653,608	306	721	166,152	147,141
Other ag mach & parts (NA)	0	0	630,181	579,552	0	0	132,382	125,225
Tobacco - mfg (NA)	6	5	201,006	147,695	1	1	42,151	30,748

Tables contain preliminary data. NA = Not available. Zeros in quantity columns indicate none or less than 500 u

Table 4--U.S. agricultural trade summary (\$ millic

Item	Jan.	Feb.	Year to date	% Change
Agricultural exports	3,891	3,870	22,118	-14
Imports (c.i.f.)	3,355	3,275	16,532	-1
Imports (customs value)	3,098	3,006	15,326	-1
Trade Balance:				
Exports less c.i.f. import	536	595	5,586	-39
Exports less customs-valued import	793	865	6,792	-34
Exports by major commodity group (million)				
Live animals	36	30	354	-5
Meat & poultry	457	491	2,483	-14
Dairy prod & eqas	76	83	447	-10
Hides & skins	96	94	446	-22
Wheat	280	231	1,504	-14
Rice	110	109	570	10
Corn	320	381	1,980	5
Other feed grains	55	73	251	-41
Animal feeds	301	302	1,562	-29
Soybeans	501	380	2,826	-38
Vegetable oils	152	169	940	-7
Fruits & nuts	327	328	1,949	-1
Vegetables	339	328	1,799	3
Cotton & linters	60	65	806	-33
Tobacco, unmfq	114	149	647	8
Seeds & nursery	127	116	581	-6
Imports customs value by major commodity group (million)				
Live animals	97	109	648	-13
Meat & poultry	223	212	1,173	7
Dairy prod. & eqas	111	110	672	24
Grains & feeds	231	237	1,293	-4
Fruits & nuts	492	488	2,095	12
Vegetables	486	435	2,010	11
Vegetable oils	132	112	658	-5
Wine	123	128	874	11
Malt beverages	107	142	651	14
Coffee	267	285	1,276	-22
Cocoa	179	139	717	-10
Rubber, natura	62	60	340	-21
Cane & beet sugar	53	29	212	-10
Tobacco, unmfq	90	54	321	-25
Seeds & flowers	116	141	601	-3
Preliminary data				