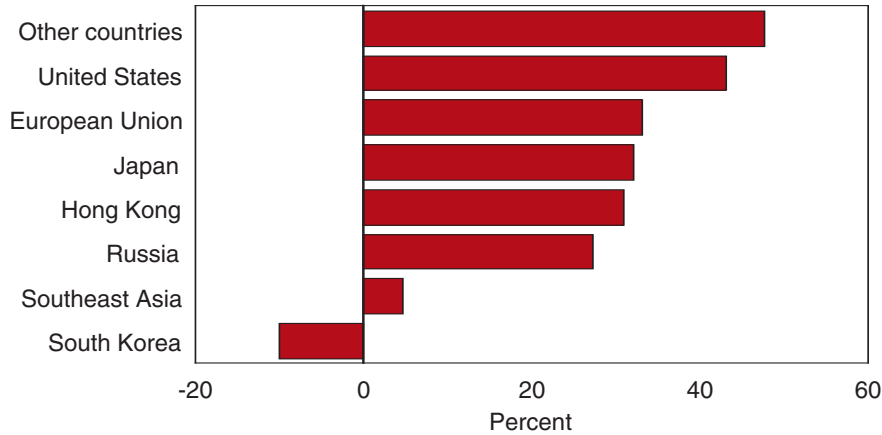


Figure 6

Growth in China's agricultural exports by destination, 2002-04

Source: ERS calculations based on China's customs statistics reported by Global Trade Information Services, Inc. (GTIS).

Table 2—U.S. agricultural imports from China with largest growth, 2002-04

Category	HS Code	-----\$1,000-----			Growth, 2002-04 Percent
		2002	2003	2004	
Fruit, nut, and soybean preparations	2008	115.5	168.3	189.3	63.9
Apple juice and other fruit and vegetable juices	2009	54.9	101.5	166.4	203.2
Feathers and down	0505	111.5	110.2	145.6	30.5
Sugar confections	1704	45.2	52.4	65.6	45.3
Vegetable saps and extracts	1302	44.7	50.0	60.9	36.2
Guts, bladders, stomachs, and parts of hogs and other animals	0504	44.8	62.2	60.1	34.2
Pignolia, macadamia nuts, and chestnuts	0802	33.3	35.6	52.4	57.4
Animal skin waste and other animal products used as feed	0511	28.8	35.6	50.6	75.6
Plants used for pharmaceuticals or perfumes	1211	37.7	44.6	49.3	30.6
Dried garlic and other dried vegetables	0712	33.2	41.1	49.0	47.5
Mushrooms	2003	16.5	34.7	42.4	157.0
Animal feed preparations	2309	23.9	31.7	40.7	70.4
Onions and garlic	0703	21.0	24.0	39.7	89.3
Dried berries and other fruit	0813	12.0	18.4	38.3	220.2
Tea	0902	23.1	29.6	31.4	36.0
Honey	0409	7.7	33.1	30.3	291.8

Note: HS Code = Harmonized System Code. Table excludes fish, textile, and wood products.

Source: ERS calculations based on data from USDA, Foreign Agricultural Service.

Appendix table 1—Value of China's agricultural imports and exports, calendar years 2002-04

HS Code	Description	Imports			Exports		
		2002	2003	2004	2002	2003	2004
		<i>\$ billions</i>					
	All imports and exports	295.3	413.1	560.8	325.6	438.5	593.6
	Total agricultural	10.8	17.4	25.9	13.0	15.4	15.8
		<i>\$ millions</i>					
01	Live animals	53.4	117.3	220.3	343.7	326.6	330.1
0102	Cattle	22.0	71.8	190.7	33.1	30.7	35.2
0103	Swine	2.0	2.0	2.8	214.9	216.3	240.8
0105	Poultry	12.5	15.1	13.2	82.1	67.4	33.3
02	Meat	626.0	757.5	475.1	665.8	646.1	705.3
0203	Pork	81.4	90.6	54.5	209.5	269.3	458.1
0207	Poultry meat and offal	425.7	461.8	153.4	401.1	319.5	144.9
04	Dairy, eggs, honey	272.0	350.1	447.8	194.3	221.4	233.9
05	Other animal products	187.6	218.7	249.0	649.6	741.6	975.3
06	Live trees and plants	32.9	45.3	51.3	43.1	49.3	64.3
07 ¹	Vegetables	51.1	46.1	60.6	1,821.6	2,119.7	2,459.0
08	Edible fruit and nuts	377.6	494.7	619.3	555.1	751.6	916.9
09	Tea, coffee, spices	23.2	27.8	32.4	551.6	624.1	864.3
0902	Tea	2.7	4.5	6.0	331.9	367.4	436.9
10	Grains	481.8	444.4	2,218.5	1,651.2	2,589.7	740.5
1001	Wheat	102.7	76.6	1,640.4	70.1	266.4	112.1
1003	Barley	291.0	268.3	320.7	.1	.7	.5
1005	Corn	1.6	.4	.8	1,166.8	1,766.6	324.3
1006	Rice	79.7	96.6	252.8	381.7	494.7	232.6
11	Milling products, malt, starch	95.0	135.7	188.9	118.3	141.7	169.9
12 ¹	Miscellaneous seeds, grains, fruits	2,761.7	5,640.8	7,323.9	891.9	1,071.7	1,145.7
1201	Soybeans	2,482.8	5,417.5	6,956.7	76.7	87.0	144.9
1202	Peanuts	.3	.1	.8	263.7	317.9	298.8
1205	Rapeseed	146.6	46.7	134.4	.7	.9	.1
13	LAC, vegetable saps, extract	36.4	50.8	58.4	77.1	73.3	72.0
14	Vegetable plaiting materials	44.3	72.6	87.7	43.8	45.9	43.5
15 ¹	Fats and oils	1,574.5	2,919.7	4,183.7	106.9	126.4	156.7
1507	Soybean oil	408.0	1,016.2	1,548.8	21.6	6.5	13.3
1511	Palm oil	848.7	1,445.8	1,866.1	3.2	0	.2
16 ¹	Prepared meat	9.6	8.0	3.2	698.2	757.1	896.1
17	Sugars	279.9	216.2	336.3	227.1	196.4	252.4
18	Cocoa	79.9	116.2	135.7	36.0	54.7	69.8
19	Baking related	143.6	148.2	194.7	455.1	526.9	652.9
20	Preserved food	113.7	134.5	142.0	1,761.1	2,168.8	2,578.3
21	Miscellaneous food	179.5	310.9	474.6	460.3	544.9	612.4
221	Beverages	83.6	87.9	99.1	465.0	439.6	589.4
231	Food waste, animal feed	136.9	139.6	182.5	404.4	377.0	498.0
2304	Soybean oilcake, residue	.2	.6	14.6	193.4	170.2	208.4
2401	Tobacco leaf	215.6	262.8	232.6	205.8	229.8	264.1
35 ²	Modified starches, glue, perfume, acid	293.1	364.7	433.7	134.2	165.7	243.9
4001	Natural rubber	693.9	1,154.8	1,522.6	.9	1.6	1.1
41 ³	Hides, skins and furs	774.0	993.1	1,386.4	12.4	9.2	.0
50 ⁴	Raw silk	3.1	3.8	2.7	244.6	212.5	214.6
51 ⁵	Wool	819.7	775.4	1,102.6	13.5	25.4	44.8
5201	Cotton	179.7	1162.8	3165.3	169.6	132.6	15.7
53 ⁶	Flax, jute, other vegetable fibers	120.0	193.3	245.6	9.3	8.2	8.2

Note: HS Code = Harmonized System Code.

¹HS 07 excludes cassava. HS 12 excludes seaweed. HS 15 excludes oil from fish and marine mammals. HS 16 excludes fish, caviar, crustaceans, and mollusks. HS 22 excludes ethyl alcohol. HS 23 excludes flour and meals from fish. ²Includes HS 35, 3301, 33021010, 33021090.

³Includes HS 4101, 4102, 4103, 4300. ⁴Includes HS 5001, 5002. ⁵Includes HS 5101, 5102. ⁶Includes HS 5301, 5303, 5305.

Source: ERS calculations based on China's customs statistics reported by World Trade Atlas.

Appendix table 2—Value of U.S. agricultural trade with China, calendar year 2002-04

HS Code	Description	U.S. exports to China			U.S. imports from China		
		2002	2003	2004	2002	2003	2004
		<i>\$ billions</i>					
	All imports and exports	22.1	28.4	34.7	125.2	152.4	196.7
		<i>\$ millions</i>					
	Agricultural	2067.4	5,016.2	5,541.8	1,001.7	1,287.6	1,621.5
	Forest products	221.7	252.7	374.1	1,061.5	1,278.1	1,833.7
	Seafood	135.2	176.2	259.3	865.0	1,144.4	1,239.3
01	Live animals	13.9	17.2	2.8	11.5	8.8	13.6
0102	Cattle	1.4	4.5	0	0	0	0
0103	Swine	1.8	.5	1.2	0	0	0
0105	Poultry	8.5	10.7	.4	0	0	0
02	Meat, edible offal	81.0	139.6	64.2	8.3	6.2	8.0
0203	Pork	7.6	10.8	20.2	0	0	0
0207	Poultry	45.3	99.3	15.3	0	0	0
04	Dairy products	24.7	28.2	38.3	13.8	39.2	35.4
05	Other animal products	33.6	37.6	43.9	197.8	221.7	269.5
06	Live trees, plants	1.5	.6	1.3	12.6	15.0	14.9
071	Vegetables	5.9	9.5	9.6	89.5	98.6	136.3
08	Fruit and nuts	40.3	50.5	71.2	51.1	62.4	100.4
09	Tea, coffee, spices	.5	.7	.9	55.3	68.7	86.5
0902	Tea	.2	0	.4	23.1	29.6	31.4
10	Cereals	29.0	36.0	496.2	.7	23.4	20.7
1001	Wheat	25.9	35.3	495.1	0	0	0
1003	Barley	0	.0	.0	.1	0	0
1005	Corn	2.2	.7	1.0	.3	0	0
1006	Rice	.8	.1	.1	.3	22.9	20.0
11	Milling products, starches	2.6	3.7	4.4	3.2	8.3	12.9
12	Oilseeds	1024.3	2,934.5	2,370.4	68.5	90.0	110.9
1201	Soybeans	995.8	2,888.8	2,328.8	0	1.8	14.5
13	LAC, gums, resins	13.9	19.7	13.5	48.3	54.8	64.2
14	Vegetable plaiting	3.0	4.2	10.0	8.7	10.1	10.1
15 ¹	Fats and oils	28.5	102.8	34.5	6.2	8.7	11.4
16 ¹	Meat preparations	27.2	12.4	12.4	185.5	248.1	283.5
17	Sugars	12.8	25.3	39.7	46.5	54.5	68.8
18	Cocoa	8.5	12.7	7.9	10.0	12.5	22.3
19	Baking related	9.4	10.4	12.3	37.7	44.9	52.0
20	Preserved food	42.1	49.4	54.8	224.2	344.3	441.9
21	Miscellaneous food	44.8	145.8	177.8	42.3	50.3	61.3
22 ¹	Beverages	6.1	5.3	9.1	29.2	23.9	27.8
23 ¹	Food waste, animal feed	80.4	82.0	65.0	29.8	34.9	42.4
2401	Tobacco leaf	.5	4.4	22.8	4.9	5.7	8.4
35 ²	Modified starches, glues, perfumes, resins	46.0	17.2	2.8	44.2	31.5	52.1
4001	Natural rubber	3.6	19.7	.5	0	.3	.1
41 ³	Hides and skins	429.3	439.3	511.8	.2	37.5	54.3
5001 ⁴	Raw silk	0	0	0	0	.3	.1
51 ⁵	Wool	2.4	3.1	9.2	1.9	5.5	5.9
5201	Cotton	138.0	759.6	1,406.7	0	0	0
53 ⁶	Flax, jute, vegetable fibers	.2	0	0	.1	.2	.3

Note: HS Code = Harmonized System Code.

¹HS 07 excludes cassava. HS 12 excludes seaweed. HS 15 excludes oil from fish and marine mammals. HS 16 excludes fish, caviar, crustaceans, and mollusks. HS 22 excludes ethyl alcohol. HS 23 excludes flour and meals from fish. ²Includes HS 35, 3301, 33021010, 33021090. ³Includes HS 4101, 4102, 4103, 4300. ⁴Includes HS 5001, 5002. ⁵Includes HS 5101, 5102. ⁶Includes HS 5301, 5303, 5305.

Source: USDA, Foreign Agricultural Service.

Appendix table 4—China's major agricultural exports by volume, 2002-04

HS Code	Description	All exports ¹			To United States ²		
		2002	2003	2004	2002	2003	2004
					<i>1,000 head</i>		
0103	Live swine	1,889	1,887	1,973	0	0	0
0105	Live poultry	42,804	39,083	19,257	0	0	0
					<i>1,000 tons</i>		
02	Meat	524	522	465	2	2	3
0203	Pork	162	214	290	0	0	0
0207	Poultry meat, offal	328	276	119	0	0	0
07	Vegetables	3,915	4,848	4,955	106	118	151
0703	Garlic, onions	1,337	1,646	1,602	20	26	41
0701-0709, ex.0703	Other fresh, chilled vegetables	955	1,195	1,399	5	5	5
0710	Frozen vegetables	342	359	490	18	23	38
0711-0713	Preserved, dried vegetables	1,282	1,520	1,306	59	59	61
08	Fruit and nuts	1,235	1,630	1,918	16	23	33
0801, 0802	Nuts	58	59	72	5	5	8
0805	Citrus fruit	217	292	361	0	0	0
080810	Apples	439	609	774	<1	0	0
080820	Pears	243	297	318	6	7	<1
0902	Tea	252	260	280	16	18	18
0904-0910	Spices	352	391	348	28	39	39
10	Grain	14,520	21,651	4,408	1	84	72
1001	Wheat	688	2,250	784	0	0	0
1005	Corn	11,674	16,390	2,318	<1	0	0
1006	Rice	1,979	2,601	896	<1	83	71
1201	Soybeans	276	267	335	2	2	25
1202	Peanuts	521	490	403	0	0	0
1701	Sugar	326	103	85	<1	1	1
1704	Confections	73	80	103	16	18	23
5201	Cotton	150	112	9	0	0	0
2304	Soybean oilcakes	1,013	765	657	0	0	0

Note: HS Code = Harmonized System Code.

¹Derived from China's customs statistics.

²Derived from U.S. import statistics.

<1 = Less than 1,000 tons.

Source: ERS calculations based on China's customs statistics reported by World Trade Atlas and data from USDA, Foreign Agricultural Service.