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## Argentina

### Planting Seeds

#### Annual

#### 2005

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**Report Highlights:**

Field crops planted area increased in CY 2005 harvest in almost every crop. Exports of planting seeds in CY 2004 maintained similar levels than in CY 2003 while imports grew by US\$13 million. Seed companies continued to struggle with the Argentine Government to receive fair compensation for their investments in seed developments, including biotechnology.

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Includes PSD Changes: No  
Includes Trade Matrix: No  
Annual Report  
Buenos Aires [AR1]  
[AR]

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## Section I: Situation and Outlook

## Production

Field Crops Planted Area (Ha.)			
Species	Planted area 2002/2003	Planted area 2003/2004	Planted area 2004/2005
Soybeans	12,607,000	14,600,000	14,200,000
Wheat	6,300,000	6,000,000	6,200,000
Corn	3,084,000	3,000,000	3,400,000
Sunflower	2,378,000	1,800,000	1,900,000
Oat	1,368,000	1,340,000	1,320,000
Sorghum	593,000	540,000	640,000
Rye	338,000	340,000	290,000
Cottonseed	158,000	264,000	400,000
Beans	206,000	200,000	200,000
Peanuts	157,000	170,000	212,000
Barley	270,000	340,000	270,000
Rice	135,000	172,000	180,000
<b>TOTAL</b>	<b>27,594,001</b>	<b>28,766,001</b>	<b>29,212,001</b>

Source: Secretariat of Agriculture, Livestock, Fisheries and Food of Argentina.

## Consumption

Planting Seeds Domestic Consumption Volumes (MT)			
Species	2002/2003	2003/2004	2004/2005
Soybeans	945,525	1,050,000	1,065,000
Wheat	693,000	660,000	682,000
Corn	55,512	52,200	61,200
Sunflower	10,701	8,550	8,550
Oat	123,120	126,000	118,800
Sorghum	4,448	4,050	4,800
Rye	37,180	37,400	31,900
Cottonseed	4,424	7,392	11,200
Beans	13,390	13,000	13,000
Peanuts	15,700	14,000	21,200
Barley	31050	39100	31050
Rice	22,950	29,580	30,600

## Trade

	Planting Seeds Market (Million of US\$)		
	2002	2003	2004 (estimated)
<b>Total Market Size</b>	762	732	770
<b>Total Local Production</b>	739	701	730
<b>Total Exports</b>	39	39	40
<b>Total Imports</b>	23	32	45
<b>Imports from the U.S.</b>	8	11	18

Source: The above statistics are unofficial estimates, based on Argentine Customs data and other sources.

Argentine exports of planting seeds in CY 2004 totaled US\$40 million, of which US\$21 million were corn, US\$6.5 million were soybeans, US\$6.4 million were sunflower seed, US\$2.7 million were vegetable seeds, US\$1.3 million were grain sorghum, flowers and pastures seeds followed. Exports in CY 2003 and CY 2002 were US\$39 million. Despite being the main market for Argentine planting seeds, exports to the United States fell to US\$13.5 million in CY 2004 from US\$18.2 in CY 2003. A US\$3.1 million drop in corn exports and US\$4 million drop in soybeans and vegetable seeds exports in CY 2004 compared with CY 2003 accounted for most of the decrease.

Planting seeds remain the single most important U.S. agricultural export to Argentina, totaling \$18 million in 2004. Alfalfa is the primary seed imported from the U.S., followed by yellow corn, rye grass, clover, and fescue. Likewise, seeds from horticultural crops have been in high demand.

Because of the positive returns in the beef and dairy industries, demand for quality forage seed should remain high. Argentina enjoys an efficient distribution network, operated primarily by subsidiaries of U.S. companies and smaller local firms. Argentine companies selling locally produced seeds represent the largest competition to U.S. exporters, though Chile and Australia are also significant competitors in this market traditionally dominated by the United States.

### Useful Contact Information

Secretariat of Agriculture, Livestock, Fisheries and Food of Argentina (SAGPyA) / National Seeds Institute (INASE) [www.sagpya.gov.ar](http://www.sagpya.gov.ar) [www.sagpya.gov.ar/new/0-0/inase/default](http://www.sagpya.gov.ar/new/0-0/inase/default)

Argentine Seed Producers Association (ASA)

Contact: Dr. Cecilia Roca, Phone Number: +54 11 4314-6677 Eml: [croca@asa.org.ar](mailto:croca@asa.org.ar)

Argentine Association for the Protection of Plant Property Rights (ARPOV) - [www.arpov.org.ar](http://www.arpov.org.ar)

Argentine Agricultural Research Institute (INTA) - [www.INTA.gov.ar](http://www.INTA.gov.ar)

Chamber of Seed Producers of the Argentine Grains Exchange Stock - [www.argenseeds.com.ar](http://www.argenseeds.com.ar)

Pioneer of Argentina - [www.pioneer.com/argentina](http://www.pioneer.com/argentina)

Monsanto of Argentina - [www.monsanto.com/argentina](http://www.monsanto.com/argentina)

### Policy

#### Latest Approved GMO Corn Variety

Species	Trait	Name	Company	File No
"Herculex" Corn	Glyphosate tolerant	" NK 603 "	Monsanto Argentina S.A.I.C.	<u>SAGPyA N°</u> <u>640</u>  (13-7-04)

## The Brown Bag Issue and The Royalties for Intellectual Property Rights

Brown bag, which is unregistered seed produced by unregistered producers, has always been an issue in Argentina. Despite that the Argentine Seed Act entitles the Secretariat of Agriculture to control the illegal sale of seeds; the Argentine Government has never had the organizational structure needed to enforce this law. Small and medium seed companies, mainly producers of wheat varieties, were damaged by the lack of government control in the past. The arrival of genetically modified plant varieties has changed this picture. Up until recently, large seed companies mainly produced hybrids, whose offspring do not retain their original characteristics when replanted thus, eliminating the possibility of producers saving seed for future planting. However, soybean varieties, which do retain the original plant characteristics through the generations, have opened up the debate on the efficiency of current seed and Intellectual Property Rights laws.

The combination of the brown bag issue and the release into the Argentine market of the RR soybean, created a problem of unpredictable dimensions. Due to the fact that the Argentine Government has never recognized the intellectual property rights that the seed companies have over the RR gene, public opinion has been misled about what the seed companies' claims are. Using the fact that the RR gene was never patented in Argentina, the Argentine Government defends their inability to control the illegal sale of seeds. However, the Argentine Government does accept the companies' property rights over the variety.

After many attempts of negotiating with the government, seed companies, which claim their rights over the intellectual property of certain genes that have been introduced into soybean varieties, started to talk about getting compensation for the technology. In late 2004, one of the companies announced that shipments that contain genetically modified soybeans (RR type), could be charged at the destination port of countries where they do hold patents on the RR gene, mainly in Europe.

A counter proposal from the Argentine Government was announced on January 28, 2005. The Secretariat of Agriculture would amend the Argentine Seed Act changing some of its articles.

- Only those farmers who own up to 163 acres may use the grain produced by themselves as seed for next season.
- Seed companies would be entitled to get royalties for a period of seven years from the date the variety was commercially released.
- Only those farmers deemed to be crop producers according to the Rule Number 35/96 of the National Seed Institute (Instituto Nacional de Semillas - INASE) may use the grain produced by themselves as seed for future seasons. This rule establishes the requirements that a producer must comply with in order to be entitled to keep grain and use it as seed in the next season.
- Those producers that own more than 163 acres and that wish to use their grain as seed, shall prove that the seed that originated the grain was purchase legally and then pay a royalty which may be of up to 70 percent of that royalty paid by the producer when she/he purchase the original seed.
- A declaration shall be submitted to the INASE every year, which must state dates, location, variety, category, and other information about the crop.
- The royalties paid by the farmer must be stated on the invoice issued by the Seed Company or retailer.

The seed companies, on the other hand, proposed through the Argentine Seed Associations a different system to collect royalties.

The proposed system differs from that of the Argentine Government on how and when to charge the producers.

- Those producers who wish to plant RR soybean and own more than 164 acres must pay the royalty.
- The royalty may be paid either when the seed, is purchased or when the grain is delivered to the elevators.
- At the time the producer buys the seed he will receive a certificate that states how many bags the farmer bought.
- To calculate the production of one bag of seed, average yield will be multiplied by 1.5.
- When the producer delivers the grain to the elevator, he must show the certificate. If the amount of grain delivered exceeds that covered by the certificate she/he must pay the difference.
- Differences collected by the elevators will be turned over to the seed companies.
- Seed companies will hire a private company that will be in charge of collecting the differences.
- Seed companies will agree to pay for the technology to the company that owns the genes.

During the next weeks, negotiations are expected to continue in order to come up with a proposal that satisfies the whole agricultural sector and that will allow the companies to be able to keep investigating and investing in this kind of technology in Argentina.

## Section II: Statistical Tables

## Exports

## Exports by Country

EXPORTS						
COUNTRY	ARGENTINA					
	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
United States	20,645	18,141	20,546	17,605,178	18,140,978	13,436,622
Uruguay	4,596	9,461	12,199	5,683,874	9,460,909	11,909,963
Brazil	3,291	2,572	1,248	5,625,544	2,571,849	3,776,526
Venezuela	899	1,028	886	1,213,281	1,028,138	2,680,669
Bolivia	1,625	2,062	1,057	3,551,877	2,062,404	2,281,159
Japan	24	1,258	48	794,778	1,257,926	1,382,951
Netherlands	651	1,469	1,096	956,939	1,469,108	1,096,169
Paraguay	379	877	487	604,768	876,819	1,011,001
Thailand	0	266	95	0	265,530	591,213
Spain	31	242	257	62,959	242,061	471,369
Total	32,141	37,376	37,920	36,099,198	37,375,722	38,637,642
Other countries	1,388	1,430	745	2,717,421	1,936,494	1,449,896
Grand Total	33,529	38,806	38,665	38,816,619	39,312,216	40,087,538

Exports to the United States	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
Corn	7,778	9,156	8,017	11,769,717	12,375,413	9,269,255
Soybeans	12,709	11,119	9,528	4,583,076	4,159,290	3,268,074
Vegetables	56	70	41	1,035,379	1,139,375	727,735
Rye grass	0	0	75	0	0	97,774
Sunflower	58	24	43	144,623	21,042	64,844
Wheat other	0	0	17	214	0	5,600
barley	2	2	2	1,370	1,773	1,434
Alfalfa	0	152	1	0	406,958	1,230
Sorghum	1	1	0	303	6,361	676
Clover	32	20	0	63,628	30,600	0
Fescue	11	0	0	6,867	0	0
Cotton	0	1	0	1	166	0
Total	20,645	20,546	17,723	17,605,178	18,140,978	13,436,622

## Total Argentine Exports by commodity

	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
Corn	14,298	14,970	15,270	21,522,044	20,229,338	21,273,104
Soybeans	14,768	19,649	18,677	5,270,491	6,902,536	6,563,807
Sunflower	2,314	1,840	1,727	7,441,656	6,541,142	6,389,580
Vegetable seeds	98	138	109	2,187,175	2,955,945	2,703,080
Sorghum Grain	834	1,098	1,287	1,147,599	1,374,292	1,782,154
Rice	14	3	240	3,183	521	390,709
Rye Grass	337	372	291	268,268	218,619	344,752
Clover	254	113	122	524,831	203,225	284,895
Wheat Durum	164	672	678	52,991	142,685	137,858
Cotton	150	301	116	90,014	272,821	106,116
Alfalfa	80	164	12	157,442	457,758	49,455
Wheat others	28	24	133	11,214	5,574	40,582
Rape	1	1	3	948	4,345	12,546
Fescue	156	0	5	121,784	1	7,256
Barley	32	7	2	16,979	3,414	1,644
<b>Total</b>	<b>33,529</b>	<b>39,350</b>	<b>38,671</b>	<b>38,816,619</b>	<b>39,312,216</b>	<b>40,087,538</b>

## Field Crops Exports

CORN	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	14,298	14,970	15,270	21,522,044	20,229,338	21,273,104
United States	7,778	9,156	8,017	11,769,717	12,375,413	9,269,255
Uruguay	868	1,507	1,996	1,315,400	2,472,034	4,782,308
Venezuela	899	886	2,170	1,213,281	1,028,138	2,625,442
Brazil	3,055	1,024	1,581	4,817,710	1,309,115	2,188,694
Netherlands	477	1,073	556	812,980	1,442,720	941,356
Bolivia	566	437	443	643,367	518,740	660,821
Peru	348	338	148	425,734	412,955	154,353
Spain	30	237	84	60,279	237,601	146,019
Germany	3	32	32	7,594	116,328	96,856
Chile	10	112	14	22,337	136,077	59,062
Hong Kong	0	0	4	0	0	56,260
Panama	0	0	45	0	0	54,364
Paraguay	50	79	49	83,088	76,599	48,358
Sudan	0	0	20	0	0	42,000
Japan	0	20	27	0	23,200	32,670

China	0	1	2	413	961	28,065
Belize	0	0	21	0	0	25,996
Colombia	143	16	20	239,271	19,015	24,083
Pakistan	0	0	24	70	0	13,707
Turkey	20	0	10	20,621	203	13,523
Croatia	0	0	1	0	120	2,845
Romania	0	0	2	0	0	2,835
South Africa	2	1	1	8,574	4,090	2,666
France	44	29	2	73,241	29,448	1,094
Yugoslavia	1	0	0	2,673	100	397
Thailand	0	0	0	0	0	33
Puerto Rico	0	0	0	183	126	29
United Kingdom	0	0	0	0	0	10
Korea South	0	0	0	0	0	3
Belgium	3	0	0	4,236	0	0
Costa Rica	0	18	0	0	20,555	0
Portugal	1	0	0	1,275	0	0
Saudi Arabia	0	4	0	0	5,800	0

SOYBEANS	Quantity (MT)			FOB Value (US Dollars)		
	January – December			January – December		
	Country	2002	2003	2004	2002	2003
World	14,768	19,649	18,677	5,270,491	6,902,536	6,563,807
United States	12,709	11,119	9,528	4,583,076	4,159,290	3,268,074
Uruguay	2,038	8,476	9,039	666,912	2,722,681	3,190,885
Paraguay	0	0	106	0	0	102,282
China	0	0	0	0	0	1,110
Canada	0	53	3	0	20,064	921
Brazil	0	0	0	436	462	396
South Africa	20	0	1	19,635	0	100
Puerto Rico (U.S.)	0	0	0	0	0	30
Bolivia	0	0	0	0	0	9
Chile	0	0	0	0	34	0
France	1	0	0	432	0	0
Germany	0	0	0	0	5	0

SUNFLOWER	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	2,314	1,840	1,727	7,441,656	6,541,142	6,389,580
Uruguay	787	786	552	2,490,467	2,929,381	2,081,948
Bolivia	800	371	337	2,475,658	1,193,598	1,258,775

Brazil	140	217	248	664,512	1,033,456	1,151,427
Paraguay	104	141	158	361,726	559,272	639,899
Thailand	0	95	200	0	265,530	591,180
Spain	0	0	103	2,680	60	324,800
Pakistan	0	0	53	0	452	167,171
United States	58	24	43	144,623	21,042	64,844
Venezuela	0	0	11	0	0	55,227
Turkey	0	0	10	0	20	28,560
France	1	0	3	921	554	17,188
Chile	11	11	4	2,324	10,280	3,282
Yugoslavia	0	1	5	25	200	2,720
South Africa	27	122	0	185,530	328,937	2,109
Germany	0	0	0	163	9	349
China	385	70	0	1,112,874	191,915	54
Netherlands	0	3	0	0	6,426	47
Austria	0	0	0	0	2	0
Greece	0	0	0	153	0	0
Italy	0	0	0	0	8	0

SORGHUM	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	834	1,098	1,287	1,147,599	1,374,292	1,782,154
Uruguay	423	586	871	545,245	801,077	1,278,193
Bolivia	253	247	259	424,279	343,486	350,827
Paraguay	62	62	45	60,482	63,681	62,650
Brazil	68	2	1	86,708	90,136	35,512
Sudan	0	0	60	0	0	28,200
Pakistan	0	0	40	0	0	20,352
Mexico	0	0	10	0	0	5,131
United States	1	1	0	303	6,361	676
South Africa	0	0	0	0	0	502
Colombia	25	0	0	29,275	42	111
Egypt	0	60	0	0	30,702	0
Japan	1	0	0	1,284	0	0
China	0	100	0	0	22,120	0
Peru	0	0	0	23	0	0
Saudi Arabia	0	19	0	0	12,287	0
Spain	0	20	0	0	4,400	0

RICE	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		

Country	2002	2003	2004	2002	2003	2004
World	14	3	240	3,183	521	390,709
Brazil	2	0	111	327	0	336,022
Paraguay	12	0	129	2,854	0	54,573
Uruguay	0	3	0	2	476	114
Costa Rica	0	0	0	0	45	0

WHEAT DURUM	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	164	672	678	52,991	142,685	137,858
Uruguay	150	672	678	38,700	142,685	137,848
Brazil	0	0	0	0	0	10
Italy	14	0	0	14,291	0	0

COTTON	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	150	301	116	90,014	272,821	106,116
Paraguay	150	201	115	90,000	175,875	103,239
Uruguay	0	1	1	0	1,700	2,877
South Africa	0	0	0	0	10	0
United States	0	1	0	1	166	0
Chile	0	0	0	13	0	0
Colombia	0	0	0	0	30	0
Greece	0	98	0	0	95,040	0

WHEAT OTHER	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	28	24	133	11,214	5,574	40,582
Uruguay	28	24	116	10,871	5,288	34,800
United States	0	0	17	214	0	5,600
France	0	0	0	129	136	182
Italy	0	0	0	0	150	0

RAPE / CANOLA	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	1	1	3	948	4,345	2,510
Uruguay	0	1	3	48	4,345	2,510
Bolivia	1	0	0	900	0	0

BARLEY	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	32	7	2	16,979	3,414	1,644
United States	2	2	2	1,370	1,773	1,434
France	0	0	0	205	247	206
Brazil	0	0	0	0	0	3
Uruguay	30	0	0	15,404	2	1
Paraguay	0	4	0	0	1,392	0

## Improved Pastures Seeds Exports

RYE GRASS	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	337	372	291	268,268	218,619	344,752
United States	0	0	75	0	0	97,774
Uruguay	76	66	79	77,746	81,052	96,785
Italy	30	247	40	21,850	83,927	46,200
Australia	0	0	49	0	0	42,867
France	0	0	35	0	0	36,471
New Zealand	0	20	12	1	19,502	19,800
Brazil	1	0	1	751	0	4,313
Bolivia	2	0	0	2,345	0	542
Chile	55	0	0	32,500	0	0

CLOVER	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	254	113	122	524,831	203,225	284,895
Uruguay	135	70	73	282,530	133,985	187,204
Italy	0	0	39	0	0	72,203
New Zealand	0	0	7	3	0	16,868
Bolivia	0	0	2	562	0	7,420
Chile	25	6	1	63,500	11,540	1,200
Germany	36	16	0	59,508	27,100	0
Brazil	25	0	0	55,100	0	0
United States	32	20	0	63,628	30,600	0

ALFALFA	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	80	164	12	157,442	457,758	49,455
Peru	0	9	9	491	42,880	41,210

Canada	80	0	2	156,191	0	6,790
United States	0	152	1	0	406,958	1,230
Bolivia	0	2	0	160	6,580	225
Uruguay	0	0	0	0	1,340	0
Colombia	0	0	0	600	0	0

FESCUE	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2002	2003	2004	2002	2003
World	156	0	5	121,784	1	7,256
Uruguay	50	0	3	40,501	0	4,716
Bolivia	4	0	2	4,606	0	2,540
Italy	86	0	0	61,800	0	0
Netherlands	6	0	0	7,933	0	0
New Zealand	0	0	0	77	1	0
United States	11	0	0	6,867	0	0

#### Others

VEGETABLES	Quantity (MT)			FOB Value (US Dollars)		
	January - December			January - December		
	Country	2001	2002	2003	2001	2002
World	98.08	138.05	109.08	2,187,175	2,955,945	2,703,080
Japan	22.33	28.44	29.67	793,494	1,234,726	1,350,281
United States	55.54	70.02	41.09	1,035,379	1,139,375	727,735
Chile	6.18	25.89	12.00	114,978	264,368	240,358
Netherlands	0.05	0.22	9.15	7,800	2,062	154,766
Uruguay	11.14	8.06	5.72	200,048	164,863	99,738
Brazil	0.00	5.16	8.72	0	138,680	60,149
Germany	0.00	0.10	0.36	0	9,746	36,150
France	2.00	0.13	2.00	28,700	625	28,250
Italy	0.00	0.00	0.26	14	0	3,900
Peru	0.00	0.00	0.05	0	0	1,203
Spain	0.00	0.00	0.05	0	0	550
South Africa	0.02	0.00	0.00	144	0	0
Paraguay	0.81	0.00	0.00	6,618	0	0
Australia	0.00	0.05	0.00	0	1,500	0

## Imports

## Imports by Country

IMPORTS						
Country	ARGENTINA					
	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
United States	3,091	7,248	10,461	10,805,107	11,002,980	18,127,429
Australia	1,489	2,754	3,955	2,973,055	5,389,843	9,608,659
Chile	2,121	3,160	2,914	3,097,507	5,191,478	4,712,202
Canada	578	568	1,359	1,079,880	983,297	3,020,003
Brazil	1,197	1,681	1,711	812,026	1,974,720	1,435,250
Netherlands	109	29	29	701,760	1,135,235	1,137,088
Uruguay	160	440	921	161,447	362,528	1,066,780
France	214	100	140	945,666	914,340	1,007,606
Italy	31	300	239	185,357	862,007	829,673
Thailand	0	0	3	400,095	467,146	792,892
Mexico	0	1	4	84,739	416,838	610,195
Israel	0	0	0	219,946	381,069	539,926
New Zealand	23	68	230	43,104	138,425	433,038
Denmark	167	96	78	345,089	481,342	404,573
Peru	0	4	0	6,018	34,965	306,053
Japan	3	4	4	174,779	247,587	222,386
Bolivia	1	279	78	3,854	431,830	186,494
Spain	49	2	207	132,342	53,527	161,994
South Africa	555	276	38	504,995	598,171	160,480
Paraguay	0	92	578	0	18,631	117,494
China	0	0	0	41,951	148,260	113,759
Guatemala	0	0	0	35,117	69,385	71,436
Austria	0	0	22	499	31	53,890
Germany	112	136	18	93,325	285,438	52,687
India	0	0	0	36,238	211,478	44,041
Puerto Rico (U.S.)	9	7	8	30,052	87,055	29,923
Yugoslavia	1	0	2	4,276	121	13,994
Korea South	0	0	0	0	2,518	3,443
United Kingdom	0	0	0	0	0	915
Switzerland	1	0	1	608	0	773
Total	9,910	17,244	22,999	22,918,832	31,890,245	45,265,076
Other countries	0	22	0	2,058	190,811	1,734
Grand Total	9,911	17,266	22,999	22,920,890	32,081,056	45,266,810

Imports from the United States	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
ALFALFA	1,238	815	2,395	4,503,471	2,079,097	6,809,934
CORN	523	345	627	4,094,993	2,154,667	2,957,705
FESCUE	10	1,515	2,390	18,823	1,395,946	2,256,901
RYE GRASS	77	2,445	3,138	78,894	1,387,568	2,227,127
SORGHUM	596	578	687	562,876	793,887	904,813
VEGETABLE	49	55	59	655,048	725,708	818,988
SOYBEANS	527	604	353	681,602	619,896	705,205
SUNFLOWER	13	451	122	71,056	1,350,178	646,999
CLOVER	28	54	108	44,325	70,686	222,805
RYE SEED	0	100	399	0	45,903	186,727
COTTON	7	1	91	17,165	9,588	166,308
RICE	4	25	25	13,041	67,077	90,383
PEANUTS	19	254	44	38,364	258,672	45,537
FLOWERS	0	0	0	20,054	22,737	44,779
KENTUCKY GRASS	1	2	15	2,765	4,030	34,015
SUGAR BEET	1	0	4	2,398	0	6,749
BARLEY	0	5	1	0	15,594	1,075
WHEAT OTHER	0	0	0	142	1,000	1,030
WHEAT DURUM	0	0	0	57	651	180
RAPE	0	0	0	0	0	104
OAT	0	0	0	33	95	65
GRAND TOTAL	3,091	7,248	10,461	10,805,107	11,002,980	18,127,429

## Imports by Commodity

	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
ALFALFA	3,265	4,016	6,679	8,720,897	8,546,015	17,964,881
VEGETABLES	159	254	203	3,638,209	6,134,193	6,839,756
CORN	1,792	1,390	1,391	5,422,676	4,510,267	4,401,923
SUNFLOWER	1,887	2,780	1,647	2,455,649	4,571,307	3,066,083
CLOVER	334	1,191	1,381	547,051	1,999,407	2,953,176
RYE GRASS	397	3,108	3,912	272,510	2,006,807	2,872,436
FESCUE	29	1,595	2,646	37,009	1,514,278	2,668,938
SORGHUM	676	812	1,488	658,501	1,062,181	2,091,274
SOYBEANS	542	637	364	708,136	648,228	741,409
OAT	555	874	2,329	130,161	326,170	598,095

FLOWERS	0	1	1	132,170	238,060	216,106
RYE SEED	40	102	399	12,797	47,062	186,727
RICE	14	99	67	16,911	88,364	171,623
COTTON	26	2	91	39,087	9,820	166,308
WHEAT DURUM	77	7	204	34,923	4,088	71,550
WHEAT OTHER	58	8	91	26,243	9,884	57,676
RAPE	0	1	2	6,152	17,765	48,242
PEANUTS	19	254	44	38,364	258,672	45,537
SUGAR BEET	1	2	11	2,751	9,091	42,599
KENTUCKY GRASS	1	2	17	2,765	5,974	38,728
BARLEY	0	5	16	0	15,594	17,646
LINSEED	40	128	17	17,928	57,829	6,097
<b>Grand Total</b>	<b>9,911</b>	<b>17,266</b>	<b>22,999</b>	<b>22,920,890</b>	<b>32,081,056</b>	<b>45,266,810</b>

## Imports of field crops planting seeds by country

CORN	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
<b>World</b>	1,792	1,390	1,391	5,422,676	4,510,267	4,401,923
<b>United States</b>	523	345	627	4,094,993	2,154,667	2,957,705
<b>Brazil</b>	575	820	673	545,451	1,340,981	941,402
<b>Chile</b>	184	65	44	271,146	332,308	205,111
<b>South Africa</b>	492	112	22	423,127	182,367	85,340
<b>Italy</b>	0	2	5	819	18,708	49,911
<b>France</b>	10	9	3	59,959	110,685	33,915
<b>Canada</b>	1	0	2	8,935	1	30,324
<b>Germany</b>	1	8	2	2,785	90,390	29,814
<b>Puerto Rico (U.S.)</b>	5	4	6	14,306	76,676	25,417
<b>Australia</b>	0	4	1	93	38,852	21,418
<b>Thailand</b>	0	0	2	298	98	10,412
<b>Mexico</b>	0	0	3	177	970	10,410
<b>Spain</b>	0	0	0	0	119	312
<b>Yugoslavia</b>	0	0	0	3	0	239
<b>Philippines</b>	0	0	0	8	90	96
<b>Uruguay</b>	0	0	0	89	56	59
<b>Hungary</b>	0	0	0	0	0	16
<b>Croatia</b>	0	0	0	0	164	13
<b>Austria</b>	0	0	0	64	31	9
<b>Belgium</b>	0	0	0	161	0	0
<b>Bolivia</b>	0	0	0	0	7	0
<b>Czech Republic</b>	0	0	0	0	13	0
<b>India</b>	0	0	0	0	136	0
<b>Portugal</b>	0	0	0	214	0	0

Zimbabwe	0	0	0	48	0	0
U.S. Terr. in Pacific	0	21	0	0	162,948	0

SUNFLOWER	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
World	1,887	2,780	1,647	2,455,649	4,571,307	3,066,083
Chile	1,812	1,940	1,452	2,231,917	2,437,870	2,200,632
United States	13	451	122	71,056	1,350,178	646,999
Bolivia	1	279	57	3,854	391,045	107,978
South Africa	53	68	2	76,868	262,060	32,872
Brazil	0	33	6	78	75,695	21,047
Spain	2	1	3	14,309	26,997	14,118
Yugoslavia	1	0	2	4,272	121	13,755
France	2	1	1	36,509	14,113	10,696
Australia	0	0	1	1,636	946	9,686
Puerto Rico (U.S.)	3	3	1	12,935	8,059	3,824
Italy	0	0	0	0	29	3,693
Hungary	0	0	0	61	176	695
Germany	0	0	0	43	104	88
Austria	0	0	0	435	0	0
India	0	0	0	352	141	0
Netherlands	0	0	0	1,268	4	0
Peru	0	3	0	0	3,713	0
Turkey	0	0	0	56	56	0

SORGHUM	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
World	676	812	1,488	658,501	1,062,181	2,091,274
Australia	68	134	741	88,395	188,197	1,110,130
United States	596	578	687	562,876	793,887	904,813
Brazil	2	27	30	1,644	21,659	39,837
Bolivia	0	0	21	0	0	22,172
South Africa	10	73	6	4,989	58,266	11,298
Chile	0	0	1	0	0	2,534
France	0	0	0	0	0	431
Mexico	0	0	0	524	56	59

SOYBEANS	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
World	542	637	364	708,136	648,228	741,409
United States	527	604	353	681,602	619,896	705,205
Canada	12	2	10	20,844	14,162	34,818

Puerto Rico (U.S.)	1	1	0	2,811	2,239	625
Switzerland	0	0	0	0	0	308
Brazil	0	0	0	86	0	226
Chile	0	0	0	0	0	168
South Africa	0	0	0	0	114	52

OAT	Quantity (MT)			CIF Value (US Dollars)		
	January – December			January – December		
	2002	2003	2004	2002	2003	2004
World	555	874	2,329	130,161	326,170	598,095
Brazil	555	736	997	130,052	294,904	278,061
Chile	0	0	754	0	0	202,404
Paraguay	0	92	578	0	18,631	117,494
Canada	0	0	0	0	0	71
United States	0	0	0	33	95	65
Uruguay	0	46	0	0	12,540	0

RICE	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
World	13.97	98.87	66.62	16,911	88,364	66,621
United States	3.76	24.70	25.40	13,041	67,077	25,402
Uruguay	10.22	74.00	37.18	3,870	21,109	37,175
Brazil	0.00	0.00	4.02	0	0	4,020
Puerto Rico (U.S.)	0.00	0.16	0.02	0	81	24
Spain	0.00	0.02	0.00	0	96	0
Belgium	0.00	0.00	0.00	0	1	0

COTTON	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
World	26	2	91	39,087	9,820	166,308
United States	7	1	91	17,165	9,588	166,308
Argentina	0	0	0	0	156	0
Australia	19	0	0	21,922	0	0
Brazil	0	0	0	0	76	0

PEANUTS	Quantity (MT)			CIF Value (US Dollars)		
	January – December			January – December		
	2002	2003	2004	2002	2003	2004
World	38	254	44	38,364	253,700	43,758
United States	38	254	44	38,364	253,700	43,758

LINSEED	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		

Country	2002	2003	2004	2002	2003	2004
World	40	127.915	17.001	17928	57829	6097
France	0	0	17	0	0	5869
Brazil	0	0	0	0	0	182
Canada	40	127.915	0.001	17928	57829	46

RYE	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	40	102	399	12,797	47,062	186,727
United States	0	100	399	0	45,903	186,727
Brazil	40	0	0	12,797	0	0
South Africa	0	2	0	0	1,159	0

RAPE	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	0.368	0.56	1.636	6,152	17,765	48,242
Canada	0.1	0.502	1.515	2,702	16,963	46,982
Germany	0.202	0.05	0.051	2,573	792	708
Sweden	0.064	0.008	0.069	567	10	356
United States	0	0	0	0	0	104
United Kingdom	0	0	0	0	0	58
Brazil	0	0	0.001	0	0	34
Japan	0.002	0	0	310	0	0

BARLEY	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	0	5.033	15.75	0	15,594	17,646
Germany	0	0	15	1	0	16,571
United States	0	5.033	0.75	2	15,594	1,075

WHEAT OTHER	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	58.36	8.26	91.04	26,243	9,884	57,676
Australia	0.00	0.01	73.65	0	56	42,465
Uruguay	56.00	3.60	13.75	20,984	2,231	7,288
France	1.49	4.25	2.64	3,352	6,330	6,181
United States	0.03	0.34	0.29	142	1,000	1,030
Switzerland	0.65	0.00	0.63	608	0	465
Germany	0.01	0.01	0.02	121	81	93
Canada	0.11	0.00	0.02	865	0	71
Brazil	0.00	0.00	0.03	0	0	59

Mexico	0.04	0.03	0.02	47	110	24
Netherlands	0.02	0.02	0.00	76	76	0
Italy	0.00	0.00	0.00	48	0	0

WHEAT DURUM	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	77.4	6.9	203.8	34,923	4,088	71,550
Spain	46.1	0.0	203.6	23,709	0	70,999
Germany	0.0	0.0	0.1	0	0	301
United States	0.0	0.5	0.1	57	651	180
Mexico	0.1	0.0	0.0	63	59	59
New Zealand	0.0	0.0	0.0	0	0	11
South Africa	0.0	0.0	0.0	11	1	0
Brazil	24.5	6.4	0.0	7,834	3,269	0
Canada	0.0	0.0	0.0	11	0	0
France	0.2	0.0	0.0	855	108	0
Uruguay	6.5	0.0	0.0	2,382	0	0
Yugoslavia	0.0	0.0	0.0	1	0	0

#### Imports of Improved Pastures Planting Seeds by Country

ALFALFA	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	3,265	4,016	6,679	8,720,897	8,546,015	17,964,881
Australia	1,330	2,494	2,909	2,739,640	4,874,823	7,684,225
United States	1,238	815	2,395	4,503,471	2,079,097	6,809,934
Canada	525	387	1,025	1,028,595	834,077	2,458,872
Italy	0	160	153	0	341,980	404,093
France	172	64	104	449,086	144,466	300,586
Chile	0	96	72	65	271,572	253,266
Austria	0	0	22	0	0	53,881
Finland	0	0	0	0	0	24
Uruguay	0	0	0	40	0	0

CLOVER	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
Country	2002	2003	2004	2002	2003	2004
World	334	1,191	1,381	547,051	1,999,407	2,953,176
Chile	115	694	537	169,796	1,141,957	1,013,387
Australia	72	121	224	121,369	276,403	714,292
Uruguay	57	102	221	115,714	169,638	541,404
Canada	0	25	243	0	28,951	343,320

United States	28	54	108	44,325	70,686	222,805
Italy	2	64	40	1,823	112,683	90,146
New Zealand	20	2	7	37,494	4,620	27,361
Argentina	0	0	0	0	0	460
Germany	30	120	0	42,390	178,068	1
Netherlands	0	0	0	0	1	0
Denmark	0	10	0	0	16,400	0
France	10	0	0	14,140	0	0

FESCUE	Quantity (MT)			CIF Value (US Dollars)		
	January – December			January – December		
Country	2002	2003	2004	2002	2003	2004
World	29	1,595	2,669	37,009	1,514,278	2,668,938
United States	10	1,515	2,257	18,823	1,395,946	2,256,901
New Zealand	0	10	288	323	33,653	288,271
Canada	0	25	105	0	31,314	105,499
Denmark	19	13	12	17,492	16,178	12,186
Uruguay	0	5	4	0	11,227	4,356
France	0	0	2	25	56	1,725
Germany	0	2	0	0	1,892	0
Italy	0	0	0	346	0	0
Netherlands	0	0	0	0	168	0
Brazil	0	25	0	0	23,844	0

RYE GRASS	Quantity (MT)			CIF Value (US Dollars)		
	January – December			January – December		
Country	2002	2003	2004	2002	2003	2004
World	397	3,108	3,912	272,510	2,006,807	2,872,436
United States	77	2,445	3,138	78,894	1,387,568	2,227,127
Uruguay	30	210	647	18,350	145,727	440,455
New Zealand	2	54	50	5,287	96,616	105,150
Chile	0	358	45	0	309,294	38,335
Netherlands	100	10	12	60,474	17,952	23,857
Denmark	104	10	10	62,089	22,734	16,802
Australia	0	0	5	0	0	14,423
Italy	3	17	5	2,129	14,740	6,105
Germany	81	5	0	45,287	12,120	158
France	0	0	0	0	56	24

KENTUCKY GRASS	Quantity (MT)			CIF Value (US Dollars)		
	January – December			January – December		
Country	2002	2003	2004	2002	2003	2004
World	0.703	2.463	17.356	2,765	5,974	38,728

United States	0.703	1.588	15.281	2,765	4,030	34,015
Denmark	0.000	0.875	2.075	0	1,944	4,713

## Others

VEGETABLES	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2002	2003	2004	2002	2003	2004
World	158.68	254.41	203.31	3,638,209	6,134,193	6,839,756
Netherlands	8.67	18.51	16.67	614,224	1,039,209	1,046,313
United States	48.99	55.16	58.61	655,048	725,708	818,988
Chile	9.50	7.24	8.04	424,583	696,021	796,365
Thailand	0.35	0.47	0.96	399,797	467,048	782,480
France	17.30	21.65	11.86	371,941	636,282	638,151
Mexico	0.04	0.58	0.91	83,928	415,643	599,643
Israel	0.03	0.20	0.14	219,946	381,069	539,926
Denmark	44.19	61.26	56.03	229,716	399,511	335,437
Peru	0.00	0.76	0.24	6,018	31,252	306,053
Italy	25.19	56.96	36.14	180,192	367,857	270,405
Japan	3.12	4.00	4.48	160,501	201,557	211,799
Brazil	0.48	2.42	1.02	114,080.00	200,728.00	137,854.00
China	0.09	0.46	0.00	41,951	148,260	113,759
Spain	0.26	0.12	1.02	94,324	26,315	76,486
Bolivia	0.00	0.04	0.41	0	40,778	56,337
India	0.32	0.47	0.44	35,831	211,085	44,041
Guatemala	0.04	0.00	0.01	5,218	6,346	20,264
New Zealand	0.00	2.50	0.01	0	3,465	12,245
Australia	0.00	0.24	0.00	0	10,566	12,020
South Africa	0.00	20.89	5.00	0	94,204	11,935
Germany	0.01	0.35	0.12	126	1,991	4,953
Korea South	0.00	0.10	2.16	0	2,518	3,443
United Kingdom	0.00	0.00	0.02	0	0	857
Taiwan	0.00	0.00	0.03	0	0	1
Kenya	0.00	0.00	0.02	0	0	1
Slovenia	0.11	0.00	0.00	785	0	0
Vietnam	0.00	0.03	0.00	0	26,780	0

FLOWERS	Quantity (MT)			CIF Value (US Dollars)		
	January - December			January - December		
	2001	2002	2003	2001	2002	2003
World	0.45	0.868	1.234	132,170	238,060	216,106
Netherlands	0.059	0.097	0.377	25,718	77,825	62,160
Guatemala	0.006	0.019	0.016	29,899	63,039	51,172

<b>United States</b>	0.074	0.283	0.24	20,054	22,737	44,779
<b>Denmark</b>	0.208	0.254	0.242	35,792	20,223	25,062
<b>Japan</b>	0.007	0.021	0.003	13,968	46,030	10,587
<b>France</b>	0.096	0	0.203	6,739	534	8,824
<b>Brazil</b>	0	0.066	0.08	0	1,591	8,123
<b>Italy</b>	0	0.127	0.071	0	6,010	5,320
<b>Spain</b>	0	0	0.002	0	0	79
<b>New Zealand</b>	0	0.001	0	0	71	0

## Prices

## Export Prices

FOB Prices	US Dollars per MT	ARGENTINA		
		January - December		
Species		2001	2002	2003
CORN		1,510	1,350	1,390
SOYBEANS		360	350	350
SUNFLOWER SEED		3,220	3,560	3,700
SORGHUM GRAIN		1,380	1,250	1,380
RICE		220	170	1,630
WHEAT DURUM		320	210	200
WHEAT OTHER		390	230	300
OAT		0	180	0
BARLEY		530	520	780
RAPE / CANOLA		1,570	3,450	5,000
COTTON SEED		600	910	910
RYE GRASS		800	590	1,190
CLOVER		2,070	1,800	2,330
ALFALFA		1,960	2,790	4,140
FESCUE		780	0	1,610
VEGETABLES		22,300	21,410	24,780
FLOWERS		44,490	0	0

## Import Prices

PRICES				
CIF Prices	US Dollars per MT	ARGENTINA		
		January - December		
Species		2002	2003	2004
CORN		3,030	3,240	3,170
SOYBEANS		1,310	1,020	2,040
SUNFLOWER		1,300	1,640	1,860
SORGHUM GRAIN		970	1,310	1,410
WHEAT DUROM		450	590	350
BARLEY		0	3,100	1,120
WHEAT OTHER		450	1,200	630
OAT		230	370	260
RYE SEEDS		320	460	470
RICE		1,210	890	2,580
LINSEED		450	450	360
RAPE / CANOLA		16,720	31,720	29,490
SUGAR BEET		3,810	4,990	3,830
PEANUTS		2,040	1,020	1,040

COTTON	1,500	6,420	1,830
ALFALFA	2,670	2,130	2,690
CLOVER	1,640	1,680	2,140
RYE GRASS	690	650	730
FESCUE	1,290	950	1,010
KENTUCKY GRASS	3,930	2,430	2,230
VEGETABLES	22,930	24,110	33,640
FLOWERS	293,710	274,260	175,130

## Domestic Prices

Domestic Market	US Dollars per MT	ARGENTINA		
		December		
Species		2002	2003	2004
CORN		2770	3250	3250
SUNFLOWER		2770	3330	3612
SORGHUM		1080	1250	2000
SOYBEANS		280	330	420
RR SOYBEAN		450	380	530
WHEAT DURUM		180	180	180
OAT		130	320	270
RYE		170	400	610
ALFALFA		4000	3750	4070
CLOVER		2100	2470	2950
FESCUE		1150	1640	1420
RYE GRASS		1190	1610	1930