

**DOMESTIC DAIRY SEMEN SALES (1)**  
UNITS OF SEMEN

BREED	2005	2004	%+/-
HOLSTEIN	15,989,752	15,164,495	5.44%
JERSEY	1,326,715	1,173,498	13.06%
BROWN SWISS	160,696	158,731	1.24%
R&W/RED HOLSTEIN	135,142	102,867	31.38%
HOLSTEIN-RED CARRIER	49,744	21,170	134.97%
GUERNSEY	44,101	48,085	-8.29%
AYRSHIRE	40,754	38,767	5.13%
MILKING SHORTHORN	21,377	19,320	10.65%
OTHER DAIRY	38,164	29,538	29.20%
TOTAL	<u>17,806,445</u>	<u>16,756,471</u>	<u>6.27%</u>

**DAIRY SEMEN IMPORT SALES (1)**  
UNITS OF SEMEN

BREED	2005	2004	%+/-
HOLSTEIN	214,645	242,653	-11.54%
SWEDISH RED	57,775	15,422	274.63%
R&W/RED HOLSTEIN	37,312	38,180	-2.27%
JERSEY	35,990	32,207	11.75%
MONTBELIARDE	10,433	698	1394.70%
BROWN SWISS	4,799	2,802	71.27%
NORWEGIAN RED	4,623	4,503	2.66%
HOLSTEIN-RED CARRIER	3,253	13,340	-75.61%
AMERICAN LINEBACK	1,021	0	0.00%
AYRSHIRE	290	1,255	-76.89%
OTHER DAIRY	1,260	250	404.00%
TOTAL	<u>371,401</u>	<u>351,310</u>	<u>5.72%</u>

**CUSTOM FROZEN DAIRY SEMEN (1)**  
UNITS OF SEMEN

BREED	2005	2004	%+/-
HOLSTEIN	1,599,165	1,280,175	24.92%
JERSEY	138,518	74,710	85.41%
BROWN SWISS	128,517	123,783	3.82%
R&W/RED HOLSTEIN	51,618	23,518	119.48%
MILKING SHORTHORN	9,481	12,482	-24.04%
GUERNSEY	4,864	12,706	-61.72%
AYRSHIRE	3,805	0	0.00%
HOLSTEIN-RED CARRIER	1,349	7,954	-83.04%
OTHER DAIRY	6,818	4,060	67.93%
TOTAL	<u>1,944,135</u>	<u>1,539,388</u>	<u>26.29%</u>

## DAIRY SEMEN EXPORT SALES (1)

UNITS OF SEMEN

BREED	2005	2004	%+/-
HOLSTEIN	8,608,296	7,195,127	19.64%
JERSEY	646,912	579,572	11.62%
BROWN SWISS	325,900	285,805	14.03%
R&W/RED HOLSTEIN	96,607	47,544	103.19%
AYRSHIRE	32,622	34,592	-5.69%
GUERNSEY	16,526	11,039	49.71%
HOLSTEIN-RED CARRIER	15,685	13,555	15.71%
MILKING SHORTHORN	7,642	3,742	104.22%
SWEDISH RED	4,147	0	0.00%
OTHER DAIRY	5,624	8,418	-33.19%
TOTAL	<u>9,759,961</u>	<u>8,179,394</u>	<u>19.32%</u>

## DAIRY SEMEN EXPORT SALES (2)

UNITS OF SEMEN

	2005	2004	%+/-
WORLD TOTAL	<u>9,768,331</u>	<u>8,245,491</u>	<u>18.47%</u>

## DAIRY SEMEN EXPORT SALES (2)

DOLLAR VALUE

	2005	2004	%+/-
WORLD TOTAL	<u>\$54,278,855</u>	<u>\$46,449,756</u>	<u>16.85%</u>

IV42

**DOMESTIC BEEF SEMEN SALES (1)**  
UNITS OF SEMEN

BREED	2005	2004	%+/-
ANGUS	968,472	814,787	18.86%
SIMMENTAL	90,290	80,319	12.41%
RED ANGUS	82,126	87,061	-5.67%
POLLED HEREFORD	36,612	31,374	16.70%
CHAROLAIS	12,177	11,613	4.86%
MAINE ANJOU	9,482	6,119	54.96%
BRAHMAN	9,478	9,488	-0.11%
BRANGUS	9,369	4,841	93.53%
GELBVIEWH	8,392	6,302	33.16%
LIMOUSIN	5,435	6,205	-12.41%
CHIANINA	4,690	4,922	-4.71%
CHI-MAINE	3,900	3,839	1.59%
HEREFORD	2,634	3,071	-14.23%
SHORTHORN (SCOTCH)	2,153	1,690	27.40%
BRANGUS (RED)	2,057	94	2088.30%
SHORTHORN	2,050	2,011	1.94%
MURRAY GREY	2,026	26	7692.31%
SANTA GERTRUDIS	2,017	2,222	-9.23%
NORMANDE	1,778	1,705	4.28%
OTHER BEEF (a)	18,505	24,889	-25.65%
TOTAL	<u>1,273,643</u>	<u>1,102,578</u>	<u>15.52%</u>

(a) Other Beef includes: Beefmaster, Belgian Blue, Blonde D'Aquit., Braford, Brahman (Red), Brahmental-Simbrah, Brahmousin, Braunvieh, ChiAngus, Crossbreed, Dexter, Dutch Belted, Galloway, Gelbray, Gyr, Longhorn, Nellore, Piedmont, Pinzgauer, Romagnola, Salers, Scotch Highland, Senapol, South Devon, Tarantaise, Wagyu, White Park, and Misc. Beef.

**BEEF SEMEN IMPORT SALES (1)**  
UNITS OF SEMEN

BREED	2005	2004	%+/-
BELGIAN BLUE	438	412	6.31%
NORMANDE	316	537	-41.15%
PIEDMONT	0	2	-100.00%
TOTAL	<u>754</u>	<u>951</u>	<u>-20.72%</u>

IV43

## BEEF SEMEN EXPORT SALES (1)

UNITS OF SEMEN

BREED	2005	2004	%+/-
ANGUS	229,158	240,459	-4.70%
RED ANGUS	132,546	122,779	7.95%
BRAHMAN	51,964	39,031	33.14%
SIMMENTAL	45,959	39,502	16.35%
POLLED HEREFORD	34,955	45,334	-22.89%
CHAROLAIS	25,452	30,938	-17.73%
LIMOUSIN	8,973	23,323	-61.53%
BRANGUS	7,975	3,910	103.96%
BRAHMAN (RED)	5,690	7,861	-27.62%
GYR	4,560	910	401.10%
SENAPOL	2,814	7,996	-64.81%
GELBVIEH	2,279	2,204	3.40%
BRANGUS (RED)	1,331	2,355	-43.48%
BEEFMASTER	1,295	1,715	-24.49%
BELGIAN BLUE	1,089	1,344	-18.97%
OTHER BEEF (b)	5,063	11,800	-57.09%
TOTAL	<u>561,103</u>	<u>581,461</u>	<u>-3.50%</u>

(b) Other Beef includes: Blonde D'Aquit., Braford, Brahmental-Simbrah, Braunvieh, ChiAngus, Chianina, Chi-Maine, Crossbreed, Dexter, Galloway, Gelbray, Horned Hereford, Longhorn, Maine-Anjou, Nellore, Normande, Piedmont, Red Poll, Romagnola, Salers, Santa Gertrudis, Shorthorn, Scotch Shorthorn, South Devon, and Misc. Beef.

## BEEF SEMEN EXPORT SALES (2)

UNITS OF SEMEN

	2005	2004	%+/-
WORLD TOTAL	<u>553,305</u>	<u>578,770</u>	<u>-4.40%</u>

## BEEF SEMEN EXPORT SALES (2)

DOLLAR VALUE

	2005	2004	%+/-
WORLD TOTAL	<u>\$2,113,181</u>	<u>\$2,421,392</u>	<u>-12.73%</u>

## CUSTOM FROZEN BEEF SEMEN (1)

### UNITS OF SEMEN

BREED	2005	2004	%+/-
ANGUS	975,725	751,558	29.83%
MAINE ANJOU	181,617	120,863	50.27%
BRAHMAN	113,611	62,963	80.44%
SIMMENTAL	111,527	105,221	5.99%
RED ANGUS	105,236	103,726	1.46%
CHAROLAIS	100,000	116,961	-14.50%
POLLED HEREFORD	86,928	75,180	15.63%
LIMOUSIN	85,179	96,841	-12.04%
HEREFORD	68,363	57,731	18.42%
SHORTHORN (SCOTCH)	62,217	74,567	-16.56%
GELBVIEH	59,826	49,314	21.32%
BEEFMASTER	57,974	73,088	-20.68%
BRANGUS	53,928	59,611	-9.53%
SENAPOL	48,015	53,808	-10.77%
BONSMARA	34,882	81,683	-57.30%
CHI-MAINE	33,300	23,436	42.09%
SHORTHORN	28,284	36,271	-22.02%
WAGYU	18,605	72,330	-74.28%
TEXAS LONGHORN	18,768	11,031	70.14%
CHI-ANGUS	17,610	17,240	2.15%
BRAHMAN (RED)	16,240	16,016	1.40%
SANTA GERTRUDIS	13,202	26,665	-50.49%
SALERS	12,924	12,812	0.87%
RED BRANGUS	11,586	22,424	-48.33%
CHIANINA	10,704	21,640	-50.54%
SOUTH DEVON	10,660	6,457	65.09%
BRAHMENTAL/SIMBRAH	10,619	6,521	62.84%
TABAPUA	9,011	0	0.00%
MASHONA	6,977	0	0.00%
SCOTCH HIGHLAND	6,022	7,127	-15.50%
BELGIAN BLUE	6,237	2,545	145.07%
BRAUNVIEH	5,689	6,184	-8.00%
LOWLINE (LOALA)	5,278	0	0.00%
ROMAGNOLA	4,375	3,890	12.47%
TARANTAISE	2,620	502	421.91%
RED POLL	2,254	0	0.00%
OTHER BEEF (c)	260,733	243,548	7.06%
TOTAL	<u>2,656,726</u>	<u>2,419,754</u>	<u>9.79%</u>

(c) Other Beef includes: American Breed, Amerifax, Ankina, Barzona, Beefalo, Beef Friesian, Belted Galloway, Blonde D'Aquit., Braford, Brahmousin, British White, Corriente, Crossbreed, Dexter, Devon, Dutch Belted, Galloway, Gelbray, Murray Grey, Nellore, Normande, Parthenaise, Piedmont, Pinzgauer, Tuli, White Park, and Misc. Beef.

(1) Based on Quarterly Reports of Semen Sold and Custom Frozen

(2) Based on Quarterly Survey of Semen Sold for Export