

DOMESTIC DAIRY SEMEN SALES (1)
UNITS OF SEMEN

BREED	2008	2007	%+/-
HOLSTEIN	18,833,845	17,893,477	5.26%
JERSEY	1,752,154	1,543,776	13.50%
R&W/RED HOLSTEIN	286,292	199,092	43.80%
BROWN SWISS	160,924	150,712	6.78%
HOLSTEIN-RED CARRIER	69,427	39,683	74.95%
AYRSHIRE	52,311	57,661	-9.28%
GUERNSEY	39,155	39,798	-1.62%
MILKING SHORTHORN	27,910	26,314	6.07%
OTHER DAIRY	17,304	22,646	-23.59%
TOTAL	<u>21,239,322</u>	<u>19,973,159</u>	<u>6.34%</u>

DAIRY SEMEN IMPORT SALES (1)
UNITS OF SEMEN

BREED	2008	2007	%+/-
HOLSTEIN	180,399	188,295	-4.19%
MONTBELIARDE	85,032	62,894	35.20%
SWEDISH RED	60,617	77,748	-22.03%
JERSEY	57,705	68,086	-15.25%
R&W/RED HOLSTEIN	20,361	30,930	-34.17%
HOLSTEIN-RED CARRIER	10,546	5,751	83.38%
BROWN SWISS	6,468	8,854	-26.95%
NORWEGIAN RED	4,436	581	663.51%
AYRSHIRE	2,975	2,517	18.20%
OTHER DAIRY	5,515	4,318	27.72%
TOTAL	<u>434,054</u>	<u>449,974</u>	<u>-3.54%</u>

CUSTOM FROZEN DAIRY SEMEN (1)
UNITS OF SEMEN

BREED	2008	2007	%+/-
HOLSTEIN	1,753,964	1,774,839	-1.18%
JERSEY	254,939	389,162	-34.49%
BROWN SWISS	138,391	170,348	-18.76%
R&W/RED HOLSTEIN	53,797	22,918	134.74%
GUERNSEY	18,120	4,595	294.34%
MILKING SHORTHORN	6,608	9,726	-32.06%
AYRSHIRE	5,461	4,381	24.65%
OTHER DAIRY	6,712	6,606	1.60%
TOTAL	<u>2,237,992</u>	<u>2,382,575</u>	<u>-6.07%</u>

DAIRY SEMEN EXPORT SALES (1)

UNITS OF SEMEN

BREED	2008	2007	%+/-
HOLSTEIN	11,910,214	10,000,216	19.10%
JERSEY	1,032,221	870,177	18.62%
BROWN SWISS	339,870	330,978	2.69%
R&W/RED HOLSTEIN	286,861	175,170	63.76%
AYRSHIRE	55,190	74,337	-25.76%
HOLSTEIN-RED CARRIER	23,528	4,857	384.41%
GUERNSEY	17,480	15,410	13.43%
SWEDISH RED	6,526	4,932	32.32%
MILKING SHORTHORN	5,294	6,024	-12.12%
OTHER DAIRY	232	3,440	-93.26%
TOTAL	13,677,416	11,485,541	19.08%

DAIRY SEMEN EXPORT SALES (2)

UNITS OF SEMEN

	2008	2007	%+/-
WORLD TOTAL	13,813,013	11,537,813	19.72%

DAIRY SEMEN EXPORT SALES (2)

DOLLAR VALUE

	2008	2007	%+/-
WORLD TOTAL	\$101,679,692	\$74,962,208	35.64%

DOMESTIC BEEF SEMEN SALES (1)
UNITS OF SEMEN

BREED	2008	2007	%+/-
ANGUS	950,864	1,007,756	-5.65%
SIMMENTAL	89,203	92,602	-3.67%
RED ANGUS	73,318	77,973	-5.97%
POLLED HEREFORD	47,472	40,911	16.04%
BRANGUS	21,388	14,301	49.56%
CHAROLAIS	14,854	16,539	-10.19%
BRAHMAN	10,030	10,897	-7.96%
MAINE ANJOU	8,744	13,532	-35.38%
GELBVIEWH	5,369	6,502	-17.43%
CHIANINA	4,641	5,032	-7.77%
BRANGUS (RED)	4,413	1,294	241.04%
CHI-MAINE	4,371	3,683	18.68%
LIMOUSIN	2,592	2,889	-10.28%
NORMANDE	1,396	1,153	21.08%
SHORTHORN	1,394	2,261	-38.35%
HEREFORD	1,255	4,060	-69.09%
SHORTHORN (SCOTCH)	1,178	1,192	-1.17%
OTHER BEEF (a)	33,887	40,089	-15.47%
TOTAL	<u>1,276,369</u>	<u>1,342,666</u>	<u>-4.94%</u>

(a) Other Beef includes: American Bucking Bull, Beef Friesian, Beefmaster, Belgian Blue, Blonde D'Aquit., Braford, Brahmental-Simbrah, Brahmousin, Braunvieh, British White, Buelingo, ChiAngus, Corriente, Crossbreed, Devon, Dutch Belted, Gyr, Longhorn, Lowline (Loala), MRI, Marchigiana, Nellore, Parthenaise, Piedmont, Pinzgauer, Red Brahman, Romagnola, Salers, Santa Gertrudis, Scotch Highland, Senapol, South Devon, Tarantaise, Wagyu, White Park, and Misc. Beef.

BEEF SEMEN IMPORT SALES (1)
UNITS OF SEMEN

BREED	2008	2007	%+/-
NORMANDE	365	1,537	-76.25%
ANGUS	106	677	-84.34%
BELGIAN BLUE	79	110	-28.18%
ANGUS (RED)	20	204	-90.20%
LONGHORN	20	0	0.00%
MISC. BEEF	0	1,277	0.00%
TOTAL	<u>590</u>	<u>3,805</u>	<u>-84.49%</u>

BEEF SEMEN EXPORT SALES (1)

UNITS OF SEMEN

BREED	2008	2007	%+/-
ANGUS	691,206	533,000	29.68%
RED ANGUS	277,922	262,493	5.88%
POLLED HEREFORD	92,253	63,585	45.09%
SIMMENTAL	67,666	52,179	29.68%
CHAROLAIS	55,470	47,289	17.30%
BRAHMAN	55,143	69,363	-20.50%
LIMOUSIN	35,590	15,246	133.44%
BRANGUS	13,065	6,620	97.36%
GYR	6,820	7,990	-14.64%
BRANGUS (RED)	3,996	3,742	6.79%
HORNED HEREFORD	2,873	4,694	-38.79%
SENAPOLE	1,880	3,726	-49.54%
BRAHMAN (RED)	1,505	1,460	3.08%
GELBVIEWH	1,124	820	37.07%
BEEFMASTER	1,120	820	36.59%
OTHER BEEF (b)	3,298	4,448	-25.85%
TOTAL	<u>1,310,931</u>	<u>1,077,475</u>	<u>21.67%</u>

(b) Other Beef includes: American Bucking Bull, Belgian Blue, Braford, Brahmental-Simbrah, Braunvieh, ChiAngus, Chianina, Chi-Maine, Crossbreed, Dexter, Dutch-Belted, Longhorn, Maine-Anjou, Normande, Piedmont, Salers, Santa Gertrudis, Shorthorn, Scotch Shorthorn, South Devon, White Park and Misc. Beef.

BEEF SEMEN EXPORT SALES (2)

UNITS OF SEMEN

	2008	2007	%+/-
WORLD TOTAL	<u>1,290,933</u>	<u>1,064,440</u>	<u>21.28%</u>

BEEF SEMEN EXPORT SALES (2)

DOLLAR VALUE

	2008	2007	%+/-
WORLD TOTAL	<u>\$4,197,727</u>	<u>\$3,690,402</u>	<u>13.75%</u>

CUSTOM FROZEN BEEF SEMEN (1)

UNITS OF SEMEN

BREED	2008	2007	%+/-
ANGUS	944,910	908,337	4.03%
WAGYU	227,647	130,635	74.26%
RED ANGUS	217,274	167,182	29.96%
SIMMENTAL	180,270	142,083	26.88%
BRAHMAN	118,600	90,706	30.75%
MAINE ANJOU	108,745	81,130	34.04%
BRANGUS	100,921	73,389	37.52%
CHAROLAIS	97,080	87,272	11.24%
POLLED HEREFORD	84,670	106,802	-20.72%
HEREFORD	77,727	85,257	-8.83%
AMERICAN BUCKING BULL	67,236	65,681	2.37%
LIMOUSIN	66,099	66,573	-0.71%
SENAPOL	53,949	27,963	92.93%
BEEFMASTER	53,104	52,872	0.44%
GELBVIEWH	51,780	45,532	13.72%
BONSMARA	44,454	14,668	203.07%
BRAHMAN (RED)	39,410	31,001	27.12%
SHORTHORN (SCOTCH)	32,059	42,740	-24.99%
SHORTHORN	29,426	39,718	-25.91%
CHI-MAINE	25,326	21,892	15.69%
DUTCH BELTED	21,642	20,347	6.36%
BRAHMENTAL/SIMBRAH	20,530	14,665	39.99%
RED BRANGUS	18,882	23,574	-19.90%
TEXAS LONGHORN	14,274	19,119	-25.34%
LOWLINE (LOALA)	13,743	11,033	24.56%
BRAUNVIEWH	12,962	16,038	-19.18%
SALERS	10,288	16,443	-37.43%
CHI-ANGUS	9,838	12,161	-19.10%
CHIANINA	6,361	11,986	-46.93%
SANTA GERTRUDIS	3,953	11,075	-64.31%
MURRAY GREY	3,607	5,088	-29.11%
MARCHIGIANA	3,317	1,100	201.55%
PIEDMONT	3,271	4,059	-19.41%
SOUTH DEVON	2,852	6,535	-56.36%
CORRIENTE	2,578	5,173	-50.16%
SCOTCH HIGHLAND	2,110	2,632	-19.83%
OTHER BEEF (c)	270,767	271,014	-0.09%
TOTAL	<u>3,041,662</u>	<u>2,733,475</u>	<u>11.27%</u>

(c) Other Beef includes: Amerifax, Barzona, Beef Friesian, Beefalo, Belgian Blue, Belted Galloway, Blonde D'Aquit., Braford, Brahmousin, British White, Crossbreed, Devon, Dexter, Galloway, Gyr, Indu-Brazil, Normande, Parthenaise, Pinzgauer, Red Poll, Tarantaise, 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