

DOMESTIC DAIRY SEMEN SALES (1)
UNITS OF SEMEN

BREED	1994	1993	%+/-
HOLSTEIN	11,794,964	12,112,725	-2.62%
JERSEY	549,899	567,451	-3.09%
BROWN SWISS	114,528	111,871	2.38%
GUERNSEY	96,186	109,985	-12.55%
AYRSHIRE	38,659	42,790	-9.65%
MILKING SHORTHORN	14,017	12,393	13.10%
OTHER DAIRY	270	153	76.47%
TOTAL	<u>12,608,523</u>	<u>12,957,368</u>	<u>-2.69%</u>

CUSTOM FROZEN DAIRY SEMEN (1)
UNITS OF SEMEN

BREED	1994	1993	%+/-
HOLSTEIN	621,189	564,922	9.96%
BROWN SWISS	53,709	97,603	-44.97%
JERSEY	50,572	39,197	29.02%
AYRSHIRE	6,518	6,187	5.35%
MILKING SHORTHORN	3,873	1,115	247.35%
GUERNSEY	928	2,284	-59.37%
OTHER DAIRY	0	0	0.00%
TOTAL	<u>736,789</u>	<u>711,308</u>	<u>3.58%</u>

DAIRY SEMEN EXPORT SALES (1)
UNITS OF SEMEN

BREED	1994	1993	%+/-
HOLSTEIN	6,347,951	5,698,212	11.40%
JERSEY	292,976	289,087	1.35%
BROWN SWISS	263,935	276,234	-4.45%
GUERNSEY	23,804	22,353	6.49%
AYRSHIRE	13,280	20,694	-35.83%
OTHER DAIRY	925	765	20.92%
TOTAL	<u>6,942,871</u>	<u>6,307,345</u>	<u>10.08%</u>

DAIRY SEMEN EXPORT SALES (2)
UNITS OF SEMEN

REGION	1994	1993	%+/-
EUROPEAN UNION	1,920,173	1,809,498	6.12%
SOUTH AMERICA	1,834,510	1,461,767	25.50%
NORTH AMERICA	1,006,387	877,544	14.68%
OCEANIA	689,545	726,886	-5.14%
ASIA	548,511	475,725	15.30%
EASTERN EUROPE	245,500	196,424	24.98%
OTHER WESTERN EUROP	207,971	160,334	29.71%
AFRICA	199,048	187,148	6.36%
MIDDLE EAST	183,039	268,684	-31.88%
CENTRAL AMERICA	148,366	127,811	16.08%
CARRIBEAN	31,303	28,381	10.30%
TOTAL	<u>7,014,353</u>	<u>6,320,202</u>	<u>10.98%</u>

DAIRY SEMEN EXPORT SALES (2)
DOLLAR VALUE

REGION	1994	1993	%+/-
EUROPEAN UNION	\$25,829,928	\$24,481,948	5.51%
SOUTH AMERICA	7,192,206	5,589,367	28.68%
NORTH AMERICA	6,317,738	5,540,523	14.03%
OCEANIA	4,933,714	5,506,605	-10.40%
ASIA	3,621,917	3,409,776	6.22%
OTHER WESTERN EUROP	2,737,576	2,135,152	28.21%
AFRICA	1,830,599	1,619,815	13.01%
EASTERN EUROPE	1,457,192	1,370,864	6.30%
MIDDLE EAST	1,250,991	1,963,594	-36.29%
CENTRAL AMERICA	680,713	626,593	8.64%
CARRIBEAN	127,631	139,285	-8.37%
TOTAL	<u>\$55,980,205</u>	<u>\$52,383,522</u>	<u>6.87%</u>

DOMESTIC BEEF SEMEN SALES (1)
UNITS OF SEMEN

BREED	1994	1993	%+/-
ANGUS	696,993	618,167	12.75%
SIMMENTAL	118,884	132,960	-10.59%
POLLED HEREFORD	93,035	104,132	-10.66%
RED ANGUS	53,809	52,300	2.89%
LIMOUSIN	35,415	38,754	-8.62%
BRAHMAN	33,841	49,916	-32.20%
CHAROLAIS	28,935	27,090	6.81%
GELBVIEH	22,875	25,870	-11.58%
HEREFORD	14,824	14,063	5.41%
CHIANINA	9,016	6,610	36.40%
NELLORE	7,803	816	856.25%
MAINE ANJOU	7,041	6,429	9.52%
SALERS	4,837	5,185	-6.71%
BELGIAN BLUE	3,714	6,111	-39.22%
PIEDMONTESE	3,705	4,610	-19.63%
SHORTHORN	3,339	4,627	-27.84%
BEEFMASTER	3,474	2,883	20.50%
BRANGUS	2,823	4,781	-40.95%
BRAHMAN (RED)	1,634	1,147	42.46%
CHI-MAINE	1,619	1,618	0.06%
SHORTHORN (SCOTCH)	1,503	1,486	1.14%
TEXAS LONGHORN	1,496	1,771	-15.53%
TARENDAISE	1,277	1,497	-14.70%
OTHER BEEF (a)	4,643	4,975	-6.67%
TOTAL	1,156,535	1,117,798	3.47%

(a) Other Beef includes: Blonde D'Aquit., Braford, Brahmental/Simbrah, Brahmousin Red Brangus, Braunvieh, ChiAngus, Devon, South Devon, Dutch Belted, Gyr, Indu Brazil, Marchigiana, MRI, Murray Grey, Pinzgauer, Romagnola, Red Poll, Santa Gertrudis, Scotch Highland, Senepol, Tabapua, Misc. Beef.

BEEF SEMEN EXPORT SALES (1)
UNITS OF SEMEN

BREED	1994	1993	%+/-
RED ANGUS	128,865	68,472	88.20%
ANGUS	118,935	98,771	20.41%
SIMMENTAL	105,953	66,647	58.98%
POLLED HEREFORD	77,307	43,768	76.63%
BRAHMAN	56,486	36,774	53.60%
LIMOUSIN	34,109	19,931	71.14%
CHAROLAIS	23,912	23,904	0.03%
GELBVIEH	8,936	3,672	143.36%
HEREFORD	4,844	3,560	36.07%
BRANGUS	4,513	4,472	0.92%
BRAHMAN (RED)	4,061	400	915.25%
PIEDMONTESE	3,910	2,515	55.47%
BRAUNVIEH	3,085	3,450	-10.58%
GYR	2,995	1,928	55.34%
BEEFMASTER	2,751	1,029	167.35%
BELGIAN BLUE	1,714	2,038	-15.90%
SHORTHORN (SCOTCH)	1,352	1,472	-8.15%
SANTA GERTRUDIS	1,155	1,370	-15.69%
SENEPOL	1,120	200	460.00%
SALERS	1,118	435	157.01%
BRAFORD	1,090	0	
SHORTHORN	1,060	950	11.58%
NELLORE	1,005	864	16.32%
OTHER BEEF (b)	6,136	6,743	-9.00%
TOTAL	596,412	393,365	51.62%

(b) Other Beef includes: Blonde D'Aquit., Brahmental-Simbrah, Brahmousin, Chianin Chi-Maine, South Devon, Dutch Belted, Indu-Brazil, Texas Longhorn, Maine Anjou, Norwegian Red, Romagnola, Red Poll, Tarentaise, Misc. Beef.

CUSTOM FROZEN BEEF SEMEN (1)
UNITS OF SEMEN

BREED	1994	1993	%+/-
ANGUS	484,100	379,942	27.41%
LIMOUSIN	149,426	145,217	2.90%
SIMMENTAL	143,249	114,453	25.16%
HEREFORD	133,065	102,083	30.35%
AMERICAN BREED	122,626	2,313	5201.60%
GELBVIEWH	96,865	76,641	26.39%
MAINE ANJOU	95,008	131,556	-27.78%
RED ANGUS	89,895	116,820	-23.05%
BEEFMASTER	88,471	83,168	6.38%
BRANGUS	86,171	85,662	0.59%
CHAROLAIS	80,766	94,085	-14.16%
SALERS	61,484	48,735	26.16%
BRAHMAN	55,141	19,458	183.38%
POLLED HEREFORD	55,312	59,549	-7.12%
WAGYU	38,416	18,478	107.90%
BRAUNVIEWH	26,664	7,072	277.04%
SOUTH DEVON	25,261	18,789	34.45%
CHIANINA	24,293	29,217	-16.85%
SHORTHORN (SCOTCH)	22,274	9,596	132.12%
SHORTHORN	22,091	14,567	51.65%
CHI-ANGUS	20,444	20,265	0.88%
TEXAS LONGHORN	15,125	18,240	-17.08%
CHI-MAINE	14,566	16,443	-11.42%
BRAHMENTAL/SIMBRAH	14,188	11,801	20.23%
HAYS CONVERTER	13,823	0	
SANTA GERTRUDIS	10,828	10,534	2.79%
DEVON	10,130	883	1047.23%
BELGIAN BLUE	10,047	11,184	-10.17%
DUTCH BELTED	9,488	6,214	52.69%
PIEDMONTESE	9,447	5,830	62.04%
RED BRANGUS	9,137	6,449	41.68%
SENEPOL	7,628	13,465	-43.35%
BUELINGO	6,060	2,227	172.11%
OTHER BEEF (c)	64,910	66,488	-2.37%
TOTAL	2,116,399	1,747,424	21.12%

(c) Other Beef includes: Amerifax, Barzona, Blonde D'Aquit., Beefalo, Beef Friesian, Braford, Brahmousin, British White, Mexican Corriente, Galloway, Indu-Brazil, Nellor Normande, Romagnola, Red Poll, Scotch Highland, Tabapua, Tarantaise, White Par Crossbreed and Misc. Beef.

BEEF SEMEN EXPORT SALES (2)
UNITS OF SEMEN

REGION	1994	1993	%+/-
SOUTH AMERICA	410,136	246,893	66.12%
NORTH AMERICA	75,412	60,464	24.72%
CENTRAL AMERICA	34,434	38,771	-11.19%
OCEANIA	31,075	22,979	35.23%
ASIA	22,069	11,945	84.76%
EASTERN EUROPE	13,535	4,440	204.84%
AFRICA	3,680	1,978	86.05%
CARRIBEAN	3,630	4,885	-25.69%
EUROPEAN UNION	2,134	4,650	-54.11%
OTHER WESTERN EUROP	1,184	729	62.41%
MIDDLE EAST	470	100	
TOTAL	<u>597,759</u>	<u>397,834</u>	<u>50.25%</u>

BEEF SEMEN EXPORT SALES (2)
DOLLAR VALUE

REGION	1994	1993	%+/-
SOUTH AMERICA	\$1,043,084	\$701,369	48.72%
NORTH AMERICA	403,109	317,061	27.14%
OCEANIA	277,697	216,090	28.51%
CENTRAL AMERICA	149,862	167,852	-10.72%
ASIA	108,717	59,950	81.35%
AFRICA	50,598	24,468	106.79%
EASTERN EUROPE	39,367	27,080	45.37%
EUROPEAN UNION	17,812	31,801	-43.99%
CARIBBEAN	15,488	17,346	-10.71%
OTHER WESTERN EUROP	14,250	10,559	34.96%
MIDDLE EAST	3,055	1,050	
TOTAL	<u>\$2,123,039</u>	<u>\$1,574,626</u>	<u>34.83%</u>

IV46

(1) BASED ON QUARTERLY REPORTS OF SEMEN SOLD AND CUSTOM F

(2) BASED ON QUARTERLY SURVEY OF SEMEN SOLD FOR EXPORT