

DOMESTIC DAIRY SEMEN SALES (1)  
UNITS OF SEMEN

BREED	1985	1984	%+/-
HOLSTEIN	11,809,665	11,387,937	3.70%
JERSEY	549,251	535,288	2.61%
GUERNSEY	221,362	243,676	-9.16%
BROWN SWISS	132,754	161,483	-17.79%
AYRSHIRE	85,113	77,382	9.99%
MILKING SHORTHORN	15,250	20,585	-25.92%
OTHER DAIRY	250	299	-16.39%
TOTAL	12,813,645	12,426,650	3.11%

CUSTOM FROZEN DAIRY SEMEN (1)  
UNITS OF SEMEN

BREED	1985	1984	%+/-
HOLSTEIN	555,704	731,039	-23.98%
JERSEY	33,737	42,028	-19.73%
GUERNSEY	3,627	10,357	-64.98%
BROWN SWISS	41,542	74,002	-43.86%
AYRSHIRE	4,792	3,528	35.83%
MILKING SHORTHORN	2,231	3,432	-34.99%
OTHER DAIRY	0	312	-100.00%
TOTAL	641,633	864,698	-25.80%

DAIRY SEMEN EXPORT SALES (1)  
UNITS OF SEMEN

BREED	1985	1984	%+/-
HOLSTEIN	2,248,712	2,341,189	-3.95%
BROWN SWISS	219,837	401,662	-45.27%
JERSEY	45,161	31,606	42.89%
GUERNSEY	6,319	9,715	-34.96%
OTHER DAIRY	3,644	3,631	0.36%
TOTAL	2,523,673	2,787,803	-9.47%

DAIRY SEMEN EXPORT SALES (2)  
UNITS OF SEMEN  
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REGION	1985	1984	%+/-
EUROPEAN COMMUNITY	830,151	1,012,478	-18.01%
OTHER WESTERN EUROPE	139,469	389,243	-64.17%
EASTERN EUROPE	257,528	78,675	227.33%
SOUTH AMERICA	903,575	700,719	28.95%
NORTH AMERICA	422,895	402,213	5.14%
MIDDLE EAST	75,082	50,534	48.58%
OTHER ASIA	106,081	85,653	23.85%
CENTRAL AMERICA	87,349	89,607	-2.52%
CARRIBEAN	3,210	15,695	-79.55%
AFRICA	45,932	171,941	-73.29%
TOTAL	2,871,272	2,996,758	-4.19%

DAIRY SEMEN EXPORT SALES (2)  
DOLLAR VALUE  
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REGION	1985	1984	%+/-
EUROPEAN COMMUNITY	\$7,266,871	\$9,233,516	-21.30%
OTHER WESTERN EUROPE	1,227,754	3,042,349	-59.64%
EASTERN EUROPE	1,566,396	888,095	76.38%
SOUTH AMERICA	3,157,475	3,337,685	-5.40%
NORTH AMERICA	2,559,494	2,700,627	-5.23%
MIDDLE EAST	657,295	453,169	45.04%
OTHER ASIA	800,015	652,855	22.54%
CENTRAL AMERICA	304,711	315,693	-3.48%
CARRIBEAN	7,537	30,188	-75.03%
AFRICA	520,754	836,383	-37.74%
TOTAL	\$18,068,302	\$21,490,560	-15.92%

DOMESTIC BEEF SEMEN SALES (1)  
UNITS OF SEMEN

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BREED	1985	1984	%+/-
ANGUS	294,333	305,510	-3.66%
SIMMENTAL	132,090	153,017	-13.68%
POLLED HEREFORD	119,353	131,644	-9.34%
LIMOUSIN	19,317	18,721	3.18%
CHIANINA	13,184	18,142	-27.33%
BRAHMAN	49,366	42,534	16.06%
CHAROLAIS	23,103	23,202	-0.43%
RED ANGUS	11,660	11,867	-1.74%
HEREFORD	14,128	15,519	-8.96%
BRANGUS	6,270	11,678	-46.31%
GELBVIEWH	21,502	26,105	-17.63%
SALERS	18,798	17,550	7.11%
OTHER BEEF	31,466	35,817	-12.15%
TOTAL	754,570	811,306	-6.99%

BEEF SEMEN EXPORT SALES (1)  
UNITS OF SEMEN

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BREED	1985	1984	%+/-
BRAHMAN	21,938	66,006	-66.76%
RED BRAHMAN	7,820	0	---
SIMMENTAL	48,849	21,455	127.68%
BRANGUS	2,975	1,446	105.74%
POLLED HEREFORD	13,118	16,273	-19.39%
ANGUS	15,349	21,209	-27.63%
RED ANGUS	8,870	11,301	-21.51%
CHAROLAIS	9,526	8,094	17.69%
SANTA GERTRUDIS	274	599	-54.26%
CHIANINA	897	1,314	-31.74%
HEREFORD	3,368	1,697	98.47%
LIMOUSIN	5,882	2,404	144.68%
OTHER BEEF	4,928	7,236	-31.90%
	143,794	159,034	-9.58%

CUSTOM FROZEN BEEF SEMEN (1)  
UNITS OF SEMEN  
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BREED	1985	1984	%+/-
ANGUS	199,751	237,267	-15.81%
CHIANINA	105,116	159,754	-34.20%
SIMMENTAL	168,504	250,751	-32.80%
POLLED HEREFORD	45,027	78,960	-42.97%
LIMOUSIN	87,546	152,788	-42.70%
CHAROLAIS	61,036	102,082	-40.21%
HEREFORD	83,230	110,832	-24.90%
BRANGUS	84,995	90,630	-6.22%
GELBVIEH	57,302	85,688	-33.13%
SALERS	127,693	180,747	-29.35%
BEEFMASTER	64,204	86,710	-25.96%
SANTA GERTRUDIS	50,726	64,689	-21.58%
BRAHMAN	45,482	43,873	3.67%
OTHER BEEF	219,730	282,628	-22.25%
TOTAL	1,400,342	1,927,399	-27.35%

BEEF SEMEN EXPORT SALES (2)  
UNITS OF SEMEN

REGION	1985	1984	%+/-
SOUTH AMERICA	79,077	106,918	-26.04%
NORTH AMERICA	24,570	26,442	-7.08%
CENTRAL AMERICA	9,633	8,283	16.30%
AFRICA	6,273	5,377	16.66%
OTHER ASIA	17,200	2,160	696.30%
MIDDLE EAST	1,579	300	426.33%
EUROPEAN COMMUNITY	750	1,843	-59.31%
EASTERN EUROPE	0	0	0.00%
OTHER WESTERN EUROPE	400	2,636	-84.83%
CARRIBEAN	8,302	1,981	319.08%
OCEANIA	1,469	0	0.00%
TOTAL	149,253	155,940	-4.29%

BEEF SEMEN EXPORT SALES (2)  
DOLLAR VALUE

REGION	1985	1984	%+/-
SOUTH AMERICA	\$277,095	\$437,579	-36.68%
NORTH AMERICA	168,472	190,585	-11.60%
CENTRAL AMERICA	40,228	26,416	52.29%
CARIBBEAN	16,938	5,123	230.63%
AFRICA	52,916	50,765	4.24%
OTHER ASIA	82,839	10,250	708.19%
MIDDLE EAST	5,610	1,305	329.89%
EUROPEAN COMMUNITY	3,516	11,001	-68.04%
OTHER WESTERN EUROPE	2,100	17,195	-87.79%
EASTERN EUROPE	0	0	0.00%
OCEANIA	2433	0	0.00%
TOTAL	\$652,147	\$750,219	-13.07%

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

(2) BASED ON SURVEY OF SEMEN SOLD FOR EXPORT