

DOMESTIC DAIRY SEMEN SALES

BREED	Units of Semen		%+/-
	1981	1980	
HOLSTEIN	12080239	12089797	- .08
JERSEY	545662	532746	2.42
GUERNSEY	279401	326105	-14.32
BROWN SWISS	257372	251834	2.20
AYRSHIRE	70681	75465	-6.34
MILKING SHORTHORN	25029	21782	14.91
OTHER DAIRY	73364	39691	84.84
TOTAL	13331748	13337420	- .04

DAIRY SEMEN EXPORT SALES

REGION	Units of Semen		%+/-
	1981	1980	
EUROPE	1107699	887377	24.83
SOUTH AMERICA	653894	762619	-14.26
NORTH AMERICA	459655	425356	8.06
ASIA	119582	73438	62.83
CENTRAL AMERICA	88871	113715	-21.85
AFRICA	28442	26503	7.32
TOTAL	2458143	2289008	7.39

DAIRY SEMEN EXPORT SALES

REGION	Dollar Value		%+/-
	1981	1980	
EUROPE	9920473	9714045	2.13
NORTH AMERICA	2572084	2678629	-3.98
SOUTH AMERICA	2407075	3330304	-27.72
ASIA	607897	298977	103.33
AFRICA	305807	211299	44.73
CENTRAL AMERICA	248714	336567	-26.10
TOTAL	16062050	16569821	-3.06

DAIRY SEMEN EXPORT SALES

BREED	Units of Semen		%+/-
	1981	1980	
HOLSTEIN	1903113	1854523	2.62
BROWN SWISS	265258	219611	20.79
JERSEY	50715	43000	17.94
GUERNSEY	11430	13697	-16.55

CUSTOM FROZEN DAIRY SEMEN

BREED	Units of Semen		%+/-
	1981	1980	
HOLSTEIN	805657	587997	37.02
JERSEY	40317	58959	-31.62
GUERNSEY	20552	52386	-60.77
BROWN SWISS	50457	16948	197.72
AYRSHIRE	10096	12206	-17.29
MILKING SHORTHORN	5956	10525	-43.41
OTHER DAIRY	46430	19865	133.73
TOTAL	979465	758886	29.07

DOMESTIC BEEF SEMEN SALES

BREED	Units of Semen		%+/-
	1981	1980	
ANGUS	359219	416896	-13.83
SIMMENTAL	205034	192058	6.76
POLLED HEREFORD	150363	188926	-20.41
LIMOUSIN	35686	30026	18.85
CHIANINA	40135	24832	61.63
BRAHMAN	28876	21798	32.47
CHAROLAIS	25671	27776	-7.58
RED ANGUS	24897	28896	-13.84
HEREFORD	19567	16818	16.35
MAINE ANJOU	11116	22442	-50.47
OTHER BEEF	71992	64356	11.87
TOTAL	972556	1034824	-6.02

BEEF SEMEN EXPORT SALES

REGION	Units of Semen		%+/-
	1981	1980	
SOUTH AMERICA	112455	211626	-46.86
NORTH AMERICA	50440	59888	-15.78
CENTRAL AMERICA	13934	19252	-27.62
AFRICA	8023	4388	82.84
ASIA	6986	2276	206.94
EUROPE	2376	1444	64.54
OCEANIA	407	0	
TOTAL	194621	298874	-34.88

BEEF SEMEN EXPORT SALES

REGION	Dollar Value		%+/-
	1981	1980	
SOUTH AMERICA	371813	704019	-47.19
NORTH AMERICA	235356	326745	-27.97
AFRICA	47752	30365	57.26
CENTRAL AMERICA	47001	56853	-17.33
ASIA	24787	13150	88.49
EUROPE	14113	9776	44.36
OCEANIA	1079	0	
TOTAL	741901	1140908	-34.97

BEEF SEMEN EXPORT SALES

Units of Semen

BREED	1981	1980	%+/-
BRAHMAN	61594	62642	-1.67
SIMMENTAL	27647	28619	-3.40
BRANGUS	20792	993	1993.86
POLLED HEREFORD	20502	52183	-60.71
ANGUS	14962	55104	-72.85
RED ANGUS	8101	12211	-33.66
CHAROLAIS	6567	10285	-36.15
SANTA GERTRUDIS	3703	4523	-18.13
CHIANINA	2796	3538	-20.97
HEREFORD	2392	7902	-69.73
LIMOUSIN	1903	7121	-73.28

CUSTOM FROZEN BEEF SEMEN

Units of Semen

BREED	1981	1980	%+/-
ANGUS	263965	252381	4.59
CHIANINA	256202	177213	44.57
SIMMENTAL	248532	264412	-6.01
POLLED HEREFORD	147416	158975	-7.27
HEREFORD	125543	152993	-17.94
LIMOUSIN	118263	70480	67.80
BRANGUS	73560	54476	35.03
CHAROLIAS	72935	28232	158.34
SANTA GERTRUDIS	59434	21639	174.66
RED ANGUS	50882	15875	220.52
BEEFMASTER	42173	61484	-31.41
BRAHMAN	36815	18474	99.28
SHORTHORN	24863	24008	3.56
OTHER BEEF	130629	171879	-24.00
TOTAL	1651212	1472521	12.14