

DOMESTIC DAIRY SEMEN SALES

Units of Semen

<u>BREED</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
HOLSTEIN	12,089,797	11,262,368	7.3
JERSEY	532,746	523,354	1.8
GUERNSEY	326,105	328,317	-0.7
BROWN SWISS	251,834	225,731	11.6
AYRSHIRE	75,465	68,540	10.1
MILKING SHORTHORN	21,782	19,947	9.2
OTHER DAIRY	<u>39,691</u>	<u>39,094</u>	<u>1.5</u>
TOTAL	13,337,420	12,467,351	7.0

DAIRY SEMEN EXPORT SALES

Units of Semen

<u>REGION</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
EUROPE	887,377	854,368	3.9
SOUTH AMERICA	762,619	632,098	20.6
NORTH AMERICA	425,356	405,336	4.9
CENTRAL AMERICA	113,715	151,001	-24.7
ASIA	73,438	93,407	-21.4
AFRICA	<u>26,503</u>	<u>19,877</u>	<u>33.3</u>
TOTAL	2,289,008	2,156,087	6.2

DAIRY SEMEN EXPORT SALES

Dollar Value

<u>REGION</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
EUROPE	9,714,045	7,707,881	26.0
SOUTH AMERICA	3,330,304	2,336,537	42.5
NORTH AMERICA	2,678,629	2,141,065	25.1
CENTRAL AMERICA	336,567	470,475	-28.5
ASIA	298,977	368,509	-18.9
AFRICA	<u>211,299</u>	<u>123,017</u>	<u>71.8</u>
TOTAL	16,569,821	13,147,484	26.0

DAIRY SEMEN EXPORT SALES

Units of Semen

<u>BREED</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
HOLSTEIN	1,836,298	1,594,172	15.2
BROWN SWISS	219,611	164,998	33.1
JERSEY	43,000	45,195	-4.9
GUERNSEY	13,697	16,538	-17.2
AYRSHIRE	3,047	1,160	162.7

CUSTOM FROZEN DAIRY SEMEN

Units of Semen

<u>BREED</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
HOLSTEIN	587,997	528,234	11.3
JERSEY	58,959	54,748	7.7
BROWN SWISS	52,386	39,811	31.6
GUERNSEY	16,948	18,049	-6.1
AYRSHIRE	12,206	14,732	-17.1
MILKING SHORTHORN	10,525	5,311	98.2
OTHER DAIRY	<u>19,865</u>	<u>20,678</u>	<u>-3.9</u>
TOTAL	758,886	681,563	11.3

DOMESTIC BEEF SEMEN SALESUnits of Semen

<u>BREED</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
ANGUS	416,896	430,205	-3.1
SIMMENTAL	192,058	225,712	-14.9
POLLED HEREFORD	188,926	172,041	9.8
LIMOUSIN	30,026	27,685	8.5
RED ANGUS	28,896	23,715	21.8
CHAROLAIS	27,776	34,043	-18.4
CHIANINA	24,832	19,132	22.9
MAINE ANJOU	22,442	21,990	2.1
BRAHMAN	21,798	28,155	-22.6
HEREFORD	16,818	43,665	-61.5
OTHER BEEF	<u>64,356</u>	<u>59,996</u>	<u>7.3</u>
TOTAL	1,034,166	1,086,339	-4.8

BEEF SEMEN EXPORT SALESUnits of Semen

<u>REGION</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
SOUTH AMERICA	211,626	179,522	19.9
NORTH AMERICA	59,888	40,069	49.5
CENTRAL AMERICA	19,252	21,406	-10.1
AFRICA	4,388	3,550	23.6
ASIA	2,276	14,690	-84.5
EUROPE	<u>1,444</u>	<u>4,681</u>	<u>-69.2</u>
TOTAL	298,874	263,918	13.2

BEEF SEMEN EXPORT SALESDollar Value

<u>REGION</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
SOUTH AMERICA	704,019	519,752	35.5
NORTH AMERICA	326,745	202,482	61.4
CENTRAL AMERICA	56,853	61,377	-7.4
AFRICA	30,365	20,097	51.1
ASIA	13,150	53,541	-75.4
EUROPE	<u>9,776</u>	<u>16,751</u>	<u>-41.6</u>
TOTAL	1,140,909	874,000	30.5

BEEF SEMEN EXPORT SALES

Units of Semen

<u>BREED</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
BRAHMAN	62,642	52,585	19.1
ANGUS	55,104	25,897	112.8
POLLED HEREFORD	52,183	52,881	-1.3
SIMMENTAL	28,619	43,936	-34.8
RED ANGUS	12,211	11,281	8.2
CHAROLAIS	10,285	9,562	7.6
HEREFORD	7,902	7,324	7.9
LIMOUSIN	7,121	6,537	8.9

CUSTOM FROZEN BEEF SEMEN

Units of Semen

<u>BREED</u>	<u>1980</u>	<u>1979</u>	<u>% +/-</u>
SIMMENTAL	264,412	172,136	53.6
ANGUS	252,381	220,345	14.5
CHIANINA	177,213	74,132	139.1
POLLED HEREFORD	158,975	120,928	31.5
HEREFORD	152,993	108,171	41.4
LIMOUSIN	70,480	51,403	37.1
BEEFMASTER	61,484	35,593	72.7
BRANGUS	54,476	53,097	2.6
CHAROLAIS	28,232	34,971	-19.3
SHORTHORN	24,008	18,959	26.6
OTHER BEEF	<u>227,867</u>	<u>230,067</u>	<u>1.0</u>
TOTAL	1,472,521	1,124,586	30.9