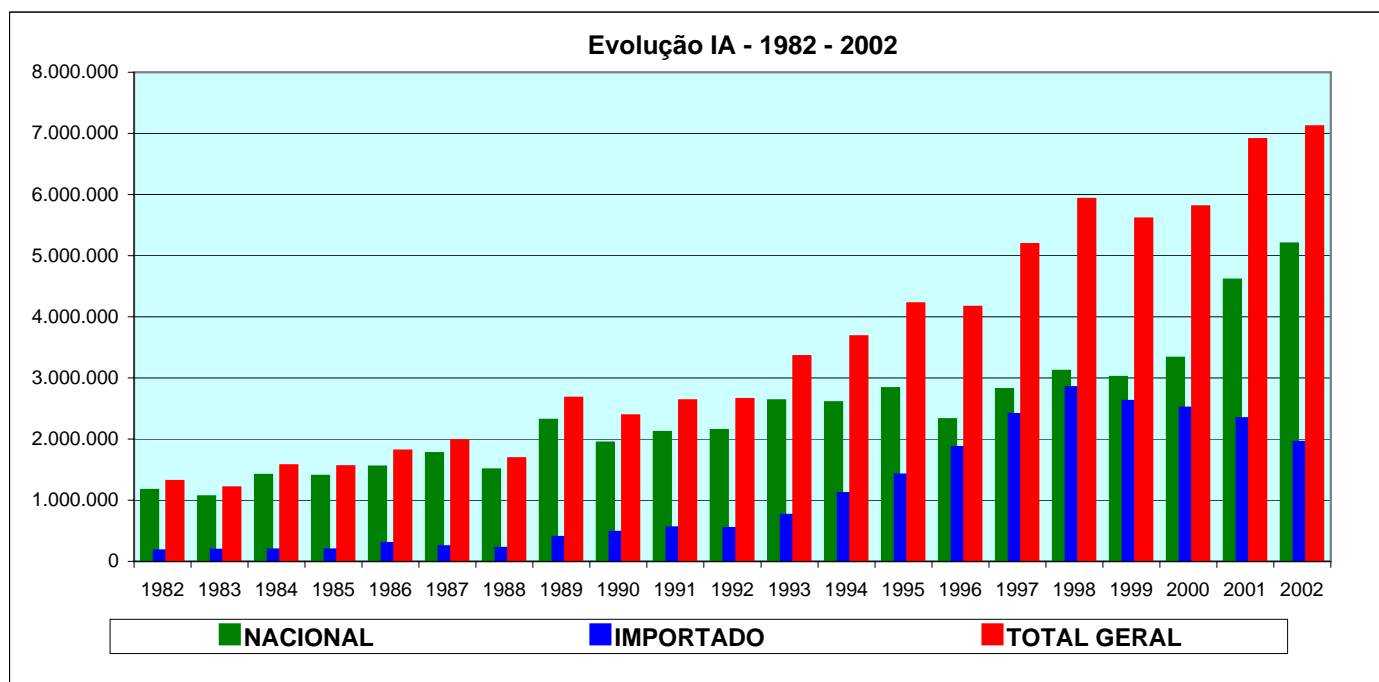


EVOLUÇÃO DA INSEMINAÇÃO ARTIFICIAL NO BRASIL

Nacional e Importado - Período de 1982 - 2002



Ano	NACIONAL			IMPORTADO			TOTAL GERAL	
	VENDAS	PART %	EVOL %	VENDAS	PART %	EVOL %	VENDAS	EVOL %
1982	1.132.967	88,77%	-15,45%	143.287	11,23%	-20,70%	1.276.254	-16,08%
1983	1.024.025	87,16%	-9,62%	150.858	12,84%	5,28%	1.174.883	-7,94%
1984	1.377.446	89,84%	34,51%	155.749	10,16%	3,24%	1.533.195	30,50%
1985	1.359.504	89,62%	-1,30%	157.476	10,38%	1,11%	1.516.980	-1,06%
1986	1.515.177	85,30%	11,45%	261.149	14,70%	65,83%	1.776.326	17,10%
1987	1.731.683	89,09%	14,29%	212.032	10,91%	-18,81%	1.943.715	9,42%
1988	1.467.825	89,03%	-15,24%	180.929	10,97%	-14,67%	1.648.754	-15,18%
1989	2.280.054	86,33%	55,34%	361.019	13,67%	99,54%	2.641.073	60,19%
1990	1.906.231	81,15%	-16,40%	442.800	18,85%	22,65%	2.349.031	-11,06%
1991	2.080.086	80,08%	9,12%	517.582	19,92%	16,89%	2.597.668	10,58%
1992	2.108.245	80,55%	1,35%	509.036	19,45%	-1,65%	2.617.281	0,76%
1993	2.597.933	78,21%	23,23%	723.597	21,79%	42,15%	3.321.530	26,91%
1994	2.566.457	70,43%	-1,21%	1.077.431	29,57%	48,90%	3.643.888	9,71%
1995	2.797.063	66,90%	8,99%	1.383.908	33,10%	28,45%	4.180.971	14,74%
1996	2.288.672	55,50%	-18,18%	1.834.770	44,50%	32,58%	4.123.442	-1,38%
1997	2.779.413	53,96%	21,44%	2.371.013	46,04%	29,23%	5.150.426	24,91%
1998	3.079.066	52,26%	10,78%	2.813.309	47,74%	18,65%	5.892.375	14,41%
1999	2.980.091	53,52%	-3,21%	2.588.103	46,48%	-8,01%	5.568.194	-5,50%
2000	3.293.910	57,09%	10,53%	2.475.438	42,91%	-4,35%	5.769.348	3,61%
2001	4.568.962	66,51%	38,71%	2.301.128	33,49%	-7,04%	6.870.090	19,08%
2002	5.161.441	72,94%	12,97%	1.915.120	27,06%	-16,77%	7.076.561	3,01%

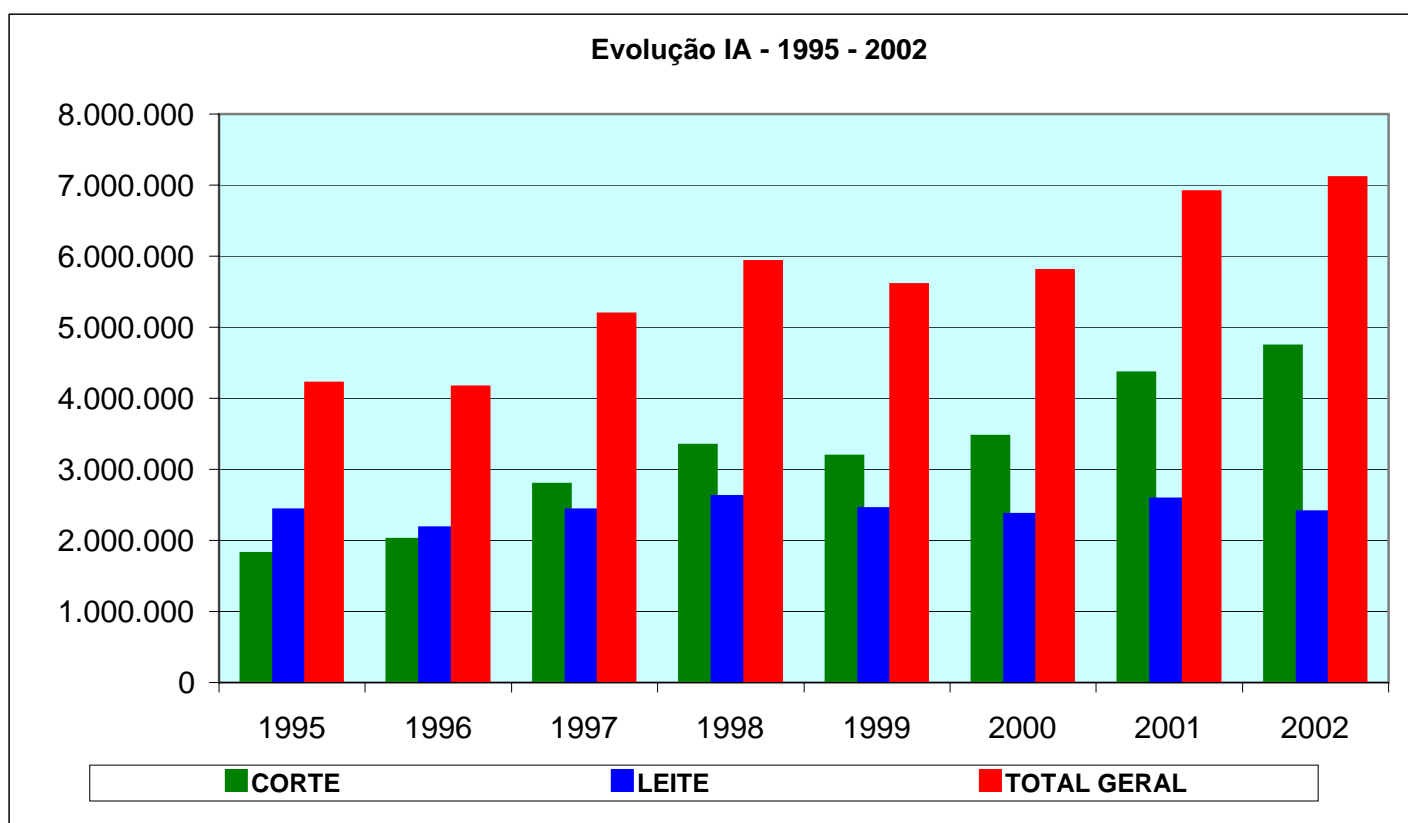


EVOLUÇÃO DA INSEMINAÇÃO ARTIFICIAL NO BRASIL

Corte e Leite - Período de 1995 - 2002



Ano	CORTE			LEITE			TOTAL GERAL	
	VENDAS	PART %	EVOL %	VENDAS	PART %	EVOL %	VENDAS	EVOL %
1995	1.782.658	42,64%		2.398.313	57,36%		4.180.971	
1996	1.979.284	48,00%	11,03%	2.144.158	52,00%	-10,60%	4.123.442	-1,38%
1997	2.757.042	53,53%	39,29%	2.393.384	46,47%	11,62%	5.150.426	24,91%
1998	3.303.281	56,06%	19,81%	2.589.094	43,94%	8,18%	5.892.375	14,41%
1999	3.150.308	56,58%	-4,63%	2.417.886	43,42%	-6,61%	5.568.194	-5,50%
2000	3.431.808	59,48%	8,94%	2.337.540	40,52%	-3,32%	5.769.348	3,61%
2001	4.323.865	62,94%	25,99%	2.546.225	37,06%	8,93%	6.870.090	19,08%
2002	4.704.085	66,47%	8,79%	2.372.476	33,53%	-6,82%	7.076.561	3,01%



COMERCIALIZAÇÃO DE SÊMEN 2002

RAÇAS DE CORTE E LEITE - NACIONAL, IMPORTADO



RAÇAS	RAÇAS DE CORTE					
	NACIONAL		IMPORTADO		TOTAL CORTE	
	DOSES	PART %	DOSES	PART %	DOSES	PART %
NELORE - NE	1.758.958	42,58%		0,00%	1.758.958	37,39%
RED ANGUS - AR	445.737	10,79%	196.112	34,25%	641.849	13,64%
NELORE MOCHO - NO	418.173	10,12%		0,00%	418.173	8,89%
ANGUS - AN	139.412	3,37%	123.923	21,64%	263.335	5,60%
SIMENTAL - SM	159.082	3,85%	25.222	4,40%	184.304	3,92%
GUZERÁ - GZ	144.797	3,50%		0,00%	144.797	3,08%
BRAHMAN - BR	109.616	2,65%	13.132	2,29%	122.748	2,61%
SENEPOL - SE	93.543	2,26%	24.542	4,29%	118.085	2,51%
LIMOUSIN - LM	81.973	1,98%	36.083	6,30%	118.056	2,51%
TABAPUÁ - TB	106.866	2,59%		0,00%	106.866	2,27%
BONSMARA - BO	87.876	2,13%	8.570	1,50%	96.446	2,05%
RED BRANGUS - RB	81.051	1,96%	13.001	2,27%	94.052	2,00%
BRAFORD - BO	66.563	1,61%	3.879	0,68%	70.442	1,50%
BRANGUS - BN	43.459	1,05%	19.072	3,33%	62.531	1,33%
CHAROLES - CH	46.280	1,12%	14.854	2,59%	61.134	1,30%
HEREFORD MOCHO - HP	27.129	0,66%	25.062	4,38%	52.191	1,11%
BRAUNVIEH - BU	37.532	0,91%	7.113	1,24%	44.645	0,95%
GIR - GY	43.644	1,06%		0,00%	43.644	0,93%
CARACU - CR	32.673	0,79%		0,00%	32.673	0,69%
SANTA GERTRUDIS - SG	28.998	0,70%	20	0,00%	29.018	0,62%
BLONDE D'AQUITAINE - BD	17.964	0,43%	10.625	1,86%	28.589	0,61%
MARCHIGIANA - MR	24.997	0,61%	304	0,05%	25.301	0,54%
HEREFORD - HH	11.417	0,28%	10.763	1,88%	22.180	0,47%
MONTANA - MN	20.966	0,51%		0,00%	20.966	0,45%
COMPOSTO - XX	5.126	0,12%	14.128	2,47%	19.254	0,41%
SIMBRASIL - SI	15.682	0,38%		0,00%	15.682	0,33%
CANCHIM - CC	15.559	0,38%		0,00%	15.559	0,33%
CHAROLES MOCHO - CO	12.502	0,30%	845	0,15%	13.347	0,28%
INDUBRASIL - IB	12.834	0,31%		0,00%	12.834	0,27%
PIEMONTE - PI	5.836	0,14%	4.984	0,87%	10.820	0,23%
SIMENTAL MOCHO - SL	9.615	0,23%		0,00%	9.615	0,20%
BELMONT RED - BT		0,00%	7.968	1,39%	7.968	0,17%
LIMOUSIN MOCHO - LP	6.477	0,16%	61	0,01%	6.538	0,14%
GIR MOCHO - GM	6.372	0,15%		0,00%	6.372	0,14%
BELGIAN BLUE - BB	4.266	0,10%	661	0,12%	4.927	0,10%
DEVON - DE	3.417	0,08%	1.089	0,19%	4.506	0,10%
TULI - TI	3.002	0,07%	30	0,01%	3.032	0,06%
SENGANGUS - SN		0,00%	2.613	0,46%	2.613	0,06%
BEEFMASTER - BM		0,00%	1.813	0,32%	1.813	0,04%
NORMANDO - NM		0,00%	1.600	0,28%	1.600	0,03%
CHIANINA - CA	491	0,01%	563	0,10%	1.054	0,02%
MONTBELIARD - MO		0,00%	1.026	0,18%	1.026	0,02%
GELBIVIEH - GV	510	0,01%	244	0,04%	754	0,02%
OUTRAS*	1.018	0,02%	2.770	0,48%	3.788	0,08%
TOTAL	4.131.413	100,00%	572.672	100,00%	4.704.085	100,00%

TOTAL CORTE NACIONAL	4.131.413	87,83%
TOTAL CORTE IMPORTADO	572.672	12,17%
TOTAL CORTE	4.704.085	100,00%

TOTAL CORTE	4.704.085	66,47%
TOTAL LEITE	2.372.476	33,53%
TOTAL GERAL	7.076.561	100,00%

* VENDAS ABAIXO DE 700 DOSES

RAÇAS	RAÇAS DE LEITE					
	NACIONAL		IMPORTADO		TOTAL LEITE	
	DOSES	PART %	DOSES	PART %	DOSES	PART %
HOLANDES - HO	321.579	31,22%	1.123.088	83,66%	1.444.667	60,89%
GIR LEITEIRO - GL	406.503	39,47%		0,00%	406.503	17,13%
JERSEY - JE	192.260	18,67%	174.195	12,98%	366.455	15,45%
PARDO SUIÇO - BS	29.355	2,85%	31.038	2,31%	60.393	2,55%
GIROLANDO - GO	48.959	4,75%		0,00%	48.959	2,06%
GUZERÁ LEITEIRO - GT	27.770	2,70%		0,00%	27.770	1,17%
HOLANDES VERMELHO - WW	60	0,01%	13.057	0,97%	13.117	0,55%
GIR LEITEIRO MOCHO - GH	3.542	0,34%		0,00%	3.542	0,15%
OUTRAS		0,00%	1.070	0,08%	1.070	0,05%
TOTAL	1.030.028	100,00%	1.342.448	100,00%	2.372.476	100,00%

TOTAL LEITE NACIONAL	1.030.028	43,42%
TOTAL LEITE IMPORTADO	1.342.448	56,58%
TOTAL LEITE	2.372.476	100,00%

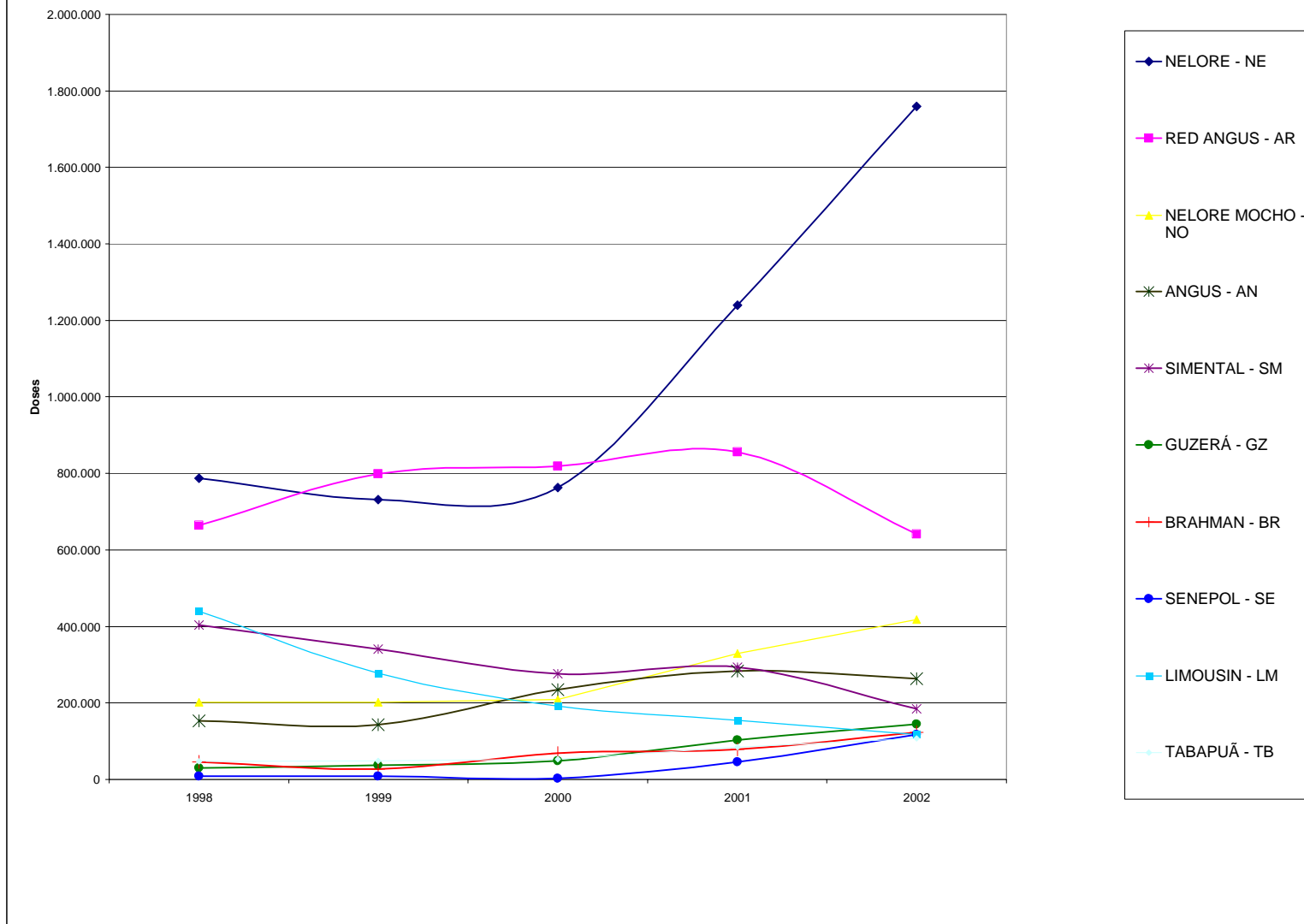
TOTAL NACIONAL	5.161.441	72,94%
TOTAL IMPORTADO	1.915.120	27,06%
TOTAL GERAL	7.076.561	100,00%

EVOLUÇÃO RAÇAS DE CORTE 1998 - 2002



RAÇAS	NACIONAL					IMPORTADO					TOTAL GERAL					
	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	EVOL %
	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses		
NELORE - NE	786.931	732.085	762.601	1.239.597	1.758.958						786.931	732.085	762.601	1.239.597	1.758.958	41,90%
RED ANGUS - AR	253.549	360.767	438.158	533.018	445.737	410.985	438.503	381.156	322.921	196.112	664.534	799.270	819.314	855.939	641.849	-25,01%
NELORE MOCHO - NO	202.435	201.975	209.646	329.219	418.173						202.435	201.975	209.646	329.219	418.173	27,02%
ANGUS - AN	46.260	31.822	73.665	134.503	139.412	107.315	112.037	161.279	149.652	123.923	153.575	143.859	234.944	284.155	263.335	-7,33%
SIMENTAL - SM	289.901	248.167	195.344	233.579	159.082	113.478	91.947	80.925	60.488	25.222	403.379	340.114	276.269	294.067	184.304	-37,33%
GUZERÁ - GZ	30.629	36.830	48.039	102.988	144.797						30.629	36.830	48.039	102.988	144.797	40,60%
BRAHMAN - BR	33.158	18.428	58.748	68.097	109.616	13.028	9.347	9.820	11.249	13.132	46.186	27.775	68.568	79.346	122.748	54,70%
SENEPOL - SE				27.867	93.543	7.987	8.257	2.583	18.092	24.542	7.987	8.257	2.583	45.959	118.085	156,94%
LIMOUSIN - LM	259.540	214.611	126.339	109.613	81.973	179.622	62.776	66.073	45.096	36.083	439.162	277.387	192.412	154.709	118.056	-23,69%
TABAPUÁ - TB	47.175	48.212	53.623	84.906	106.866						47.175	48.212	53.623	84.906	106.866	25,86%
BONSMARA - NS				22.405	87.876	10.387	9.740	11.522	13.194	8.570	10.387	9.740	11.522	35.599	96.446	170,92%
RED BRANGUS - RB		28.823	67.131	90.514	81.051	2.685	2.295	12.516	6.823	13.001	2.685	31.118	79.647	97.337	94.052	-3,37%
BRAFORD - BO	15.636	41.930	42.232	61.277	66.563						15.636	42.652	43.861	62.077	70.442	13,48%
BRANGUS - BN	34.752	31.578	20.781	54.436	43.459	3.603	1.315	33.860	31.925	19.072	38.355	32.893	54.641	86.361	62.531	-27,59%
CHAROLÉS - CH	30.503	20.500	51.611	33.401	46.280	16.535	27.114	27.688	22.809	14.854	47.038	47.614	79.299	56.210	61.134	8,76%
HEREFORD MOCHO - HP	26.184	33.202	39.255	41.256	27.129	30.005	29.865	28.718	15.912	25.062	56.189	63.067	67.973	57.168	52.191	-8,71%
BRAUNVIEH - BU	3.751	17.651	23.918	33.828	37.532	4.123	4.980	7.485	5.412	7.113	7.874	22.631	31.403	39.240	44.645	13,77%
GIR - GY	28.734	41.839	30.304	46.520	43.644						28.734	41.839	30.304	46.520	43.644	-6,18%
CARACU - CR	10.356	8.888	18.588	24.618	32.673			410			10.356	8.888	18.998	24.618	32.673	32,72%
SANTA GERTRUDIS - SG	32.843	32.902	24.865	33.465	28.998			40	145	20	32.843	32.902	24.905	33.610	29.018	-13,66%
BLONDE D'AQUITAINE - BD	34.440	21.429	19.093	30.921	17.964	15.250	12.926	19.882	8.632	10.625	49.690	34.355	38.975	39.553	28.589	-27,72%
MARCHIGIANA - MR	14.245	17.861	26.196	24.753	24.997	3.126	2.154	493	225	304	17.371	20.015	26.689	24.978	25.301	1,29%
HEREFORD - HH	3.065	90	2.871	4.710	11.417	3.368	2.160	14.822	11.706	10.763	6.433	2.250	17.693	16.416	22.180	35,11%
MONTANA - MN			19.692	28.153	20.966								19.692	28.153	20.966	-25,53%
COMPOSTO - XX	19.270	9.047	4.362	4.018	5.126	11.779	6.094	5.870	6.771	14.128	31.049	15.141	10.232	10.789	19.254	78,46%
SIMBRASIL - SI	5.217	40	8.159	28.586	15.682				100		5.217	40	8.159	28.686	15.682	-45,33%
CANCHIM - CC	11.122	5.496	19.267	24.892	15.559						11.122	5.496	19.267	24.892	15.559	-37,49%
CHAROLÉS MOCHO - CO	21.201	17.727	11.694	15.975	12.502	1.765	1.742	2.337	5.903	845	22.966	19.469	14.031	21.878	13.347	-38,99%
INDUBRASIL - IB	16.410	24.717	3.445	9.277	12.834						16.410	24.717	3.445	9.277	12.834	38,34%
PIEMONTÉS - PI	3.143	4.893	17.333	13.971	5.836	33.895	11.433	18.803	13.126	4.984	37.038	16.326	36.136	27.097	10.820	-60,07%
SIMENTAL MOCHO - SP			48.593	13.732	9.615			5.016	2.660				53.609	16.392	9.615	-41,34%
BELMONT RED - BT						3.260	4.955	919	3.011	7.968	3.260	4.955	919	3.011	7.968	164,63%
LIMOUSIN MOCHO - LP			19.632	12.071	6.477			3.451	351	61			23.083	12.422	6.538	-47,37%
GIR MOCHO - GM	3.662	9.628	2.475	1.920	6.372						3.662	9.628	2.475	1.920	6.372	231,88%
BELGIAN BLUE - BB	7.284	3.307	9.518	17.953	4.266	10.155	5.142	3.332	735	661	17.439	8.449	12.850	18.688	4.927	-73,64%
DEVON - DE	2.639	9.846	3.341	8.357	3.417			471	1.830	1.089	2.639	9.846	3.812	10.187	4.506	-55,77%
TULI - TI					3.002										3.032	
SENANGUS - SN								6.914	355	7.297	6.200	6.914	355	7.297	2.613	-64,19%
BEEFMASTER - BM								490	1.789	350	1.813	490	1.789	350	1.813	418,00%
NORMANDO - NM	2.198	249	1.200	462		677	1.053	2.592	714	1.600	2.875	1.302	3.792	1.176	1.600	36,05%
CHIANINA - CA	1.112	1.087	100	298	491	342	70	2.129	2.095	563	1.454	1.157	2.229	2.393	1.054	-55,95%
MONTBELIARD - MO										1.026					1.026	
GELBIEH - GV	1.827	2.054	3.574	685	510	1.940	3.302	3.735	1.432	244	3.767	5.356	7.309	2.117	754	-64,38%
OUTRAS	21.031	2.825	9.315	2.255	1.018	11.568	12.469	5.400	4.313	2.770	32.599	15.294	14.715	6.568	3.788	-42,33%
TOTAL CORTE	2.300.203	2.280.506	2.514.708	3.548.096	4.131.413	1.003.078	869.802	917.100	775.769	572.672	3.303.281	3.150.308	3.431.808	4.323.865	4.704.085	
EVOLUÇÃO %	9,60%	-0,86%	10,27%	41,09%	16,44%	52,47%	-13,29%	5,44%	-15,41%	-26,18%	19,83%	-4,63%	8,94%	25,99%	8,79%	
TOTAL LEITE	778.863	699.585	779.202	1.020.866	1.030.028	1.810.231	1.718.301	1.558.338	1.525.359	1.342.448	2.589.094	2.417.886	2.337.540	2.546.225	2.372.476	
EVOLUÇÃO %	14,48%	-10,18%	11,38%	31,01%	0,90%	5,68%	-5,08%	-9,31%	-2,12%	-11,99%	8,18%	-6,61%	-3,32%	8,93%	-6,82%	
TOTAL	3.079.066	2.980.091	3.293.910	4.568.962	5.161.441	2.813.309	2.588.103	2.475.438	2.301.128	1.915.120	5.892.375	5.568.194	5.769.348	6.870.090	7.076.561	
EVOLUÇÃO %	10,79%	-3,21%	10,53%	38,71%	12,97%	18,66%	-8,01%	-4,35%	-11,09%	-16,77%	14,42%	-5,50%	3,61%	19,08%	3,01%	
TOTAL CORTE	3.303.281	3.150.308	3.431.808	4.323.865	4.704.085	EVOL %					1998	1999	2000	2001	2002	EVOL %
TOTAL LEITE	2.589.094	2.417.886	2.337.540	2.546.225	2.372.476	8,79%					3.079.066	2.980.091	3.293.910	4.568.962	5.161.441	12,97%
TOTAL GERAL	5.892.375	5.568.194	5.769.348	6.870.090	7.076.561	-6,82%	TOTAL NACIONAL				2.813.309	2.588.103	2.475.438	2.301.128	1.915.120	-16,77%
						3,01%	TOTAL IMPORTADO				5.892.375	5.568.194	5.769.348	6.870.090	7.076.561	3,01%
							TOTAL GERAL									

Evolução das raças mais vendidas - corte



EVOLUÇÃO RAÇAS DE LEITE 1998 - 2002



RAÇAS	NACIONAL					IMPORTADO					TOTAL GERAL					EVOL %
	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	
	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	Doses	
HOLANDÊS - HO	348.436	310.828	355.080	438.648	321.579	1.607.125	1.509.245	1.334.329	1.260.452	1.123.088	1.955.561	1.820.073	1.689.409	1.699.100	1.444.667	-14,97%
GIR LEITEIRO - GL	229.242	165.061	194.325	310.891	406.503	0	0	0	0	0	229.242	165.061	194.325	310.891	406.503	30,75%
JERSEY - JE	75.029	137.337	130.609	158.124	192.260	161.975	154.812	180.290	213.690	174.195	237.004	292.149	310.899	371.814	366.455	-1,44%
PARDO SUIÇO LEITE - BS	71.048	44.703	51.294	31.788	29.355	41.073	38.511	30.817	32.313	31.038	112.121	83.214	82.111	64.101	60.393	-5,78%
GIROLANDO - GO	22.039	16.454	17.516	43.924	48.959	0	0	0	0	0	16.669	16.454	17.516	43.924	48.959	11,46%
GUZERÁ LEITEIRO - GT	29.984	22.307	26.366	30.988	27.770	0	0	0	0	0	29.984	22.307	26.366	30.988	27.770	-10,38%
HOLANDÊS VERMELHO - WW	0	0	2.385	341	60	0	15.711	12.902	18.704	13.057	0	15.711	15.287	19.045	13.117	-31,13%
GIR LEITEIRO MOCHO - GH	2.969	2.681	1.487	6.012	3.542	0	0	0	0	0	2.969	2.681	1.487	6.012	3.542	-41,08%
OUTRAS	116	214	140	150	0	58	22	0	200	1.070	174	236	140	350	1.070	205,71%
TOTAL LEITE	778.863	699.585	779.202	1.020.866	1.030.028	1.810.231	1.718.301	1.558.338	1.525.359	1.342.448	2.583.724	2.417.886	2.337.540	2.546.225	2.372.476	
EVOLUÇÃO %	14,48%	-10,18%	11,38%	31,01%	0,90%	5,68%	-5,08%	-9,31%	-2,12%	-11,99%	7,95%	-6,42%	-3,32%	8,93%	-6,82%	
TOTAL CORTE	2.300.203	2.280.506	2.514.708	3.548.096	4.131.413	1.003.078	869.802	917.100	775.769	572.672	3.303.281	3.150.308	3.431.808	4.323.865	4.704.085	
EVOLUÇÃO %	9,58%	-0,86%	10,27%	41,09%	16,44%	52,44%	-13,29%	5,44%	-15,41%	-26,18%	19,81%	-4,63%	8,94%	25,99%	8,79%	
TOTAL	3.079.066	2.980.091	3.293.910	4.568.962	5.161.441	2.813.309	2.588.103	2.475.438	2.301.128	1.915.120	5.887.005	5.568.194	5.769.348	6.870.090	7.076.561	
EVOLUÇÃO %	10,78%	-3,21%	10,53%	38,71%	12,97%	18,65%	-8,01%	-4,35%	-7,04%	-16,77%	14,30%	-5,42%	3,61%	19,08%	3,01%	

	1998	1999	2000	2001	2002	Evol %
TOTAL LEITE	2.589.094	2.417.886	2.337.540	2.546.225	2.372.476	-6,82%
TOTAL CORTE	3.303.281	3.150.308	3.431.808	4.323.865	4.704.085	8,79%
TOTAL GERAL	5.892.375	5.568.194	5.769.348	6.870.090	7.076.561	3,01%

	1998	1999	2000	2001	2002	Evol %
TOTAL NACIONAL	3.079.066	2.980.091	3.293.910	4.568.962	5.161.441	12,97%
TOTAL IMPORTADO	2.813.309	2.588.103	2.475.438	2.301.128	1.915.120	-16,77%
TOTAL GERAL	5.892.375	5.568.194	5.769.348	6.870.090	7.076.561	3,01%

