

EVOLUÇÃO DA INSEMINAÇÃO ARTIFICIAL NO BRASIL

Nacional e Importado - Período de 1983 - 2003



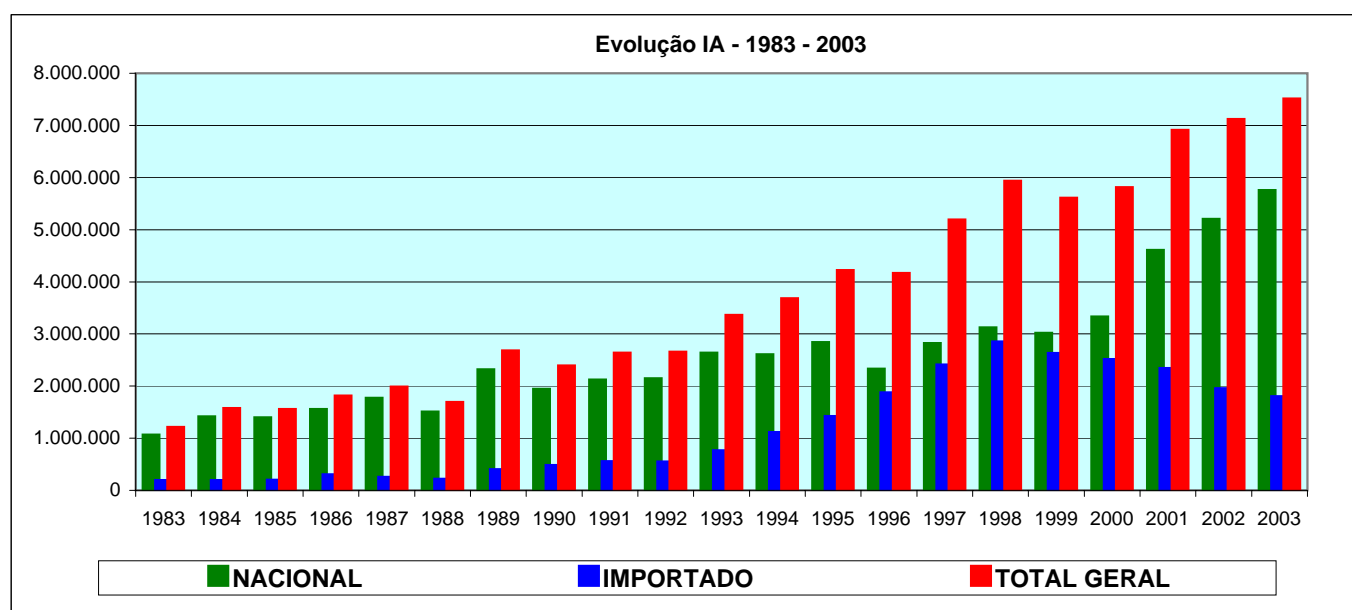
Ano	NACIONAL			IMPORTADO			TOTAL GERAL	
	VENDAS	PART %	EVOL %	VENDAS	PART %	EVOL %	VENDAS	EVOL %
1983	1.024.025	87,16%	-9,62%	150.858	12,84%	5,28%	1.174.883	-7,94%
1984	1.377.446	89,84%	34,51%	155.749	10,16%	3,24%	1.533.195	30,50%
1985	1.359.504	89,62%	-1,30%	157.476	10,38%	1,11%	1.516.980	-1,06%
1986	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%
2003	5.713.543	76,45%	10,70%	1.759.716	23,55%	-8,11%	7.473.259	5,61%

Evolução 99-03

91,72%

-32,01%

34,21%



EVOLUÇÃO DA INSEMINAÇÃO ARTIFICIAL NO BRASIL

Corte e Leite - Período de 1995 - 2003



Ano	CORTE			LEITE			TOTAL GERAL	
	VENDAS	PART %	EVOL %	VENDAS	PART %	EVOL %	VENDAS	EVOL %
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%
2003	4.896.204	65,52%	4,08%	2.577.055	34,48%	8,62%	7.473.259	5,61%

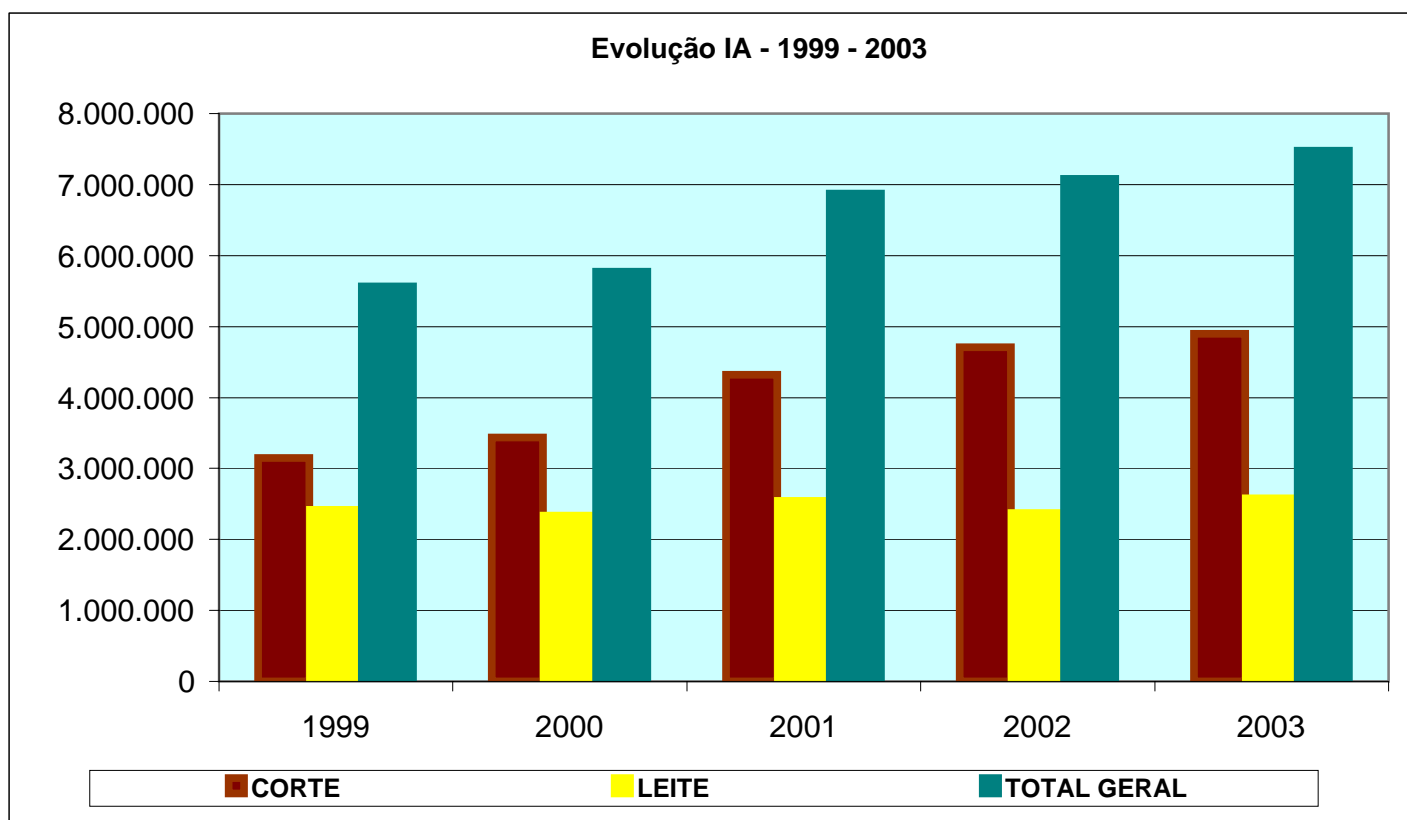
Evolução 99-03

55,42%

6,58%

34,21%

Evolução IA - 1999 - 2003



COMERCIALIZAÇÃO DE SÊMEN 2003

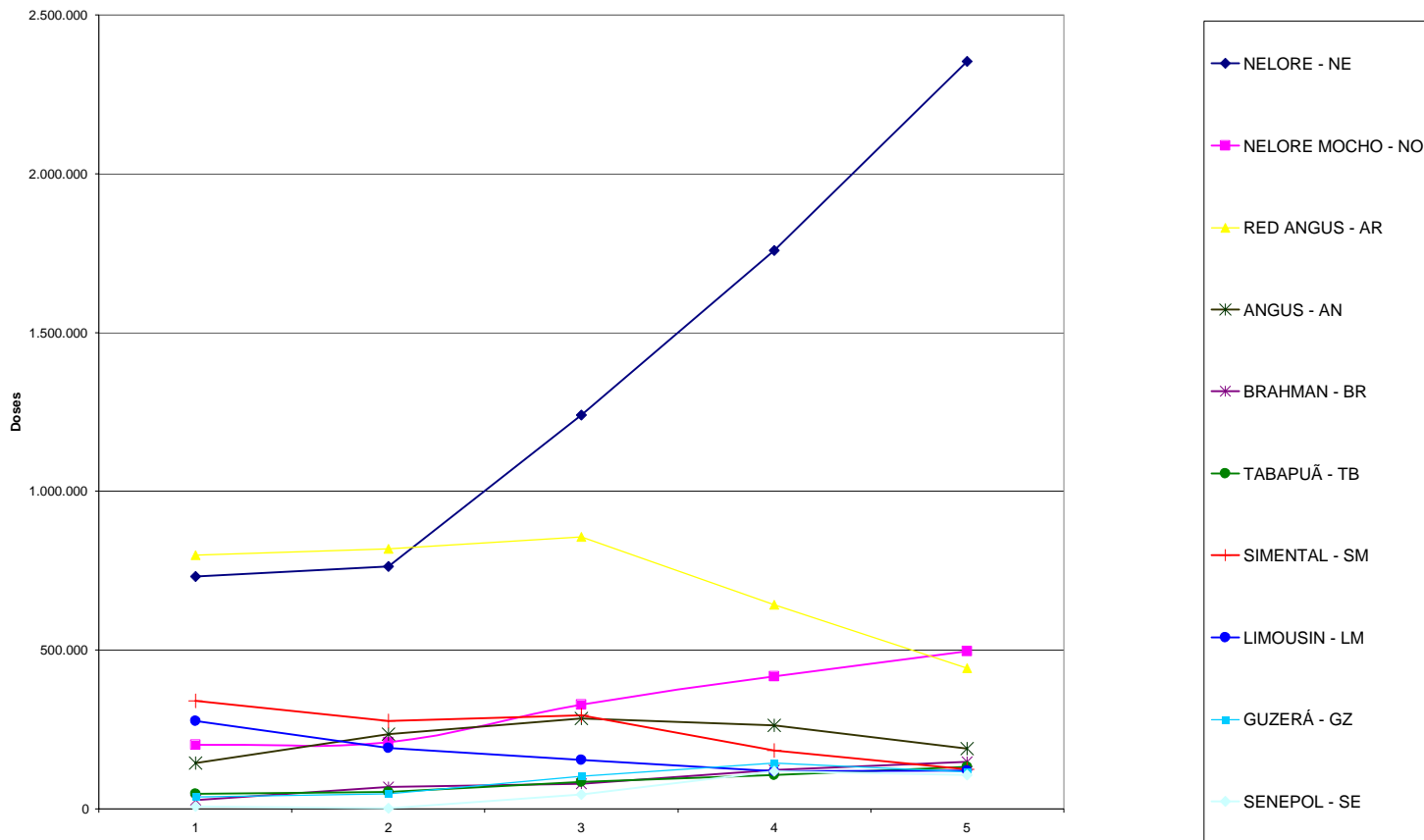
RAÇAS DE CORTE E LEITE - NACIONAL E IMPORTADO



RAÇAS	RAÇAS DE CORTE					
	NACIONAL		IMPORTADO		TOTAL CORTE	
	DOSES	PART %	DOSES	PART %	DOSES	PART %
NELORE - NE	2.353.772	52,70%		0,00%	2.353.772	48,07%
NELORE MOCHO - NO	496.878	11,13%		0,00%	496.878	10,15%
RED ANGUS - AR	327.410	7,33%	115.879	26,95%	443.289	9,05%
ANGUS - AN	95.039	2,13%	94.405	21,96%	189.444	3,87%
BRAHMAN - BR	128.459	2,88%	20.760	4,83%	149.219	3,05%
TABAPUÁ - TB	132.866	2,97%		0,00%	132.866	2,71%
SIMENTAL - SM	99.618	2,23%	24.613	5,72%	124.231	2,54%
LIMOUSIN - LM	80.235	1,80%	40.938	9,52%	121.173	2,47%
GUZERÁ - GZ	116.825	2,62%		0,00%	116.825	2,39%
SENEPOL - SE	91.829	2,06%	14.556	3,39%	106.385	2,17%
RED BRANGUS - RB	65.850	1,47%	6.114	1,42%	71.964	1,47%
BRANGUS - BN	52.933	1,19%	7.868	1,83%	60.801	1,24%
BONSMARA - BO	48.166	1,08%	4.911	1,14%	53.077	1,08%
HEREFORD MOCHO - HP	38.281	0,86%	13.847	3,22%	52.128	1,06%
BLONDE D'AQUITAINE - BD	15.583	0,35%	32.294	7,51%	47.877	0,98%
CHAROLES - CH	22.176	0,50%	19.299	4,49%	41.475	0,85%
BRAUNVIEH - BU	34.313	0,77%	6.953	1,62%	41.266	0,84%
BRAFORD - BO	36.705	0,82%	2.319	0,54%	39.024	0,80%
CANCHIM - CC	35.175	0,79%		0,00%	35.175	0,72%
MONTANA - MN	26.291	0,59%		0,00%	26.291	0,54%
CARACU - CR	23.177	0,52%		0,00%	23.177	0,47%
CHAROLES MOCHO - CO	20.840	0,47%	1.544	0,36%	22.384	0,46%
SANTA GERTRUDIS - SG	22.300	0,50%	11	0,00%	22.311	0,46%
MARCHIGIANA - MR	19.945	0,45%	30	0,01%	19.975	0,41%
SIMBRASIL - SI	14.921	0,33%	757	0,18%	15.678	0,32%
GIR - GY	14.125	0,32%		0,00%	14.125	0,29%
HEREFORD - HH	3.537	0,08%	6.592	1,53%	10.129	0,21%
PIEMONTES - PI	6.119	0,14%	3.512	0,82%	9.631	0,20%
INDUBRASIL - IB	9.169	0,21%		0,00%	9.169	0,19%
BELGIAN BLUE - BB	7.011	0,16%	342	0,08%	7.353	0,15%
COMPOSTO - XX	5.046	0,11%	2.297	0,53%	7.343	0,15%
DEVON - DE	4.977	0,11%		0,00%	4.977	0,10%
LIMOUSIN MOCHO - LP	4.247	0,10%		0,00%	4.247	0,09%
SIMENTAL MOCHO - SL	3.496	0,08%		0,00%	3.496	0,07%
CHIANINA - CA	2.016	0,05%	808	0,19%	2.824	0,06%
GIR MOCHO - GM	2.771	0,06%		0,00%	2.771	0,06%
GELBVIEH - GV	2.141	0,05%	281	0,07%	2.422	0,05%
NORMANDO - NM		0,00%	2.145	0,50%	2.145	0,04%
SEANGUS - SN	200	0,00%	1.743	0,41%	1.943	0,04%
RUBIA GALLEGA - RG		0,00%	1.580	0,37%	1.580	0,03%
MONTBELIARD - MO	55	0,00%	1.225	0,28%	1.280	0,03%
PITANGUEIRAS - PT	1.171	0,03%		0,00%	1.171	0,02%
SHORTHORN - SS		0,00%	1.010	0,23%	1.010	0,02%
BELMONT RED - BT		0,00%	770	0,18%	770	0,02%
TULI - TI	361	0,01%	2	0,00%	363	0,01%
RED POLL - RP	205	0,00%	40	0,01%	245	0,01%
PIRENAICO - PR		0,00%	174	0,04%	174	0,00%
TARENDAISE - TA			150	0,03%	150	0,00%
GASCONE - GS		0,00%	94	0,02%	94	0,00%
PARTHENAISE - PA		0,00%	75	0,02%	75	0,00%
FLAMENGA - FA		0,00%	20	0,00%	20	0,00%
KOBE (WAGYU) - KB		0,00%	6	0,00%	6	0,00%
AUBRAC - AU			5	0,00%	5	0,00%
GALLOWAY - GA		0,00%	1	0,00%	1	0,00%
TOTAL	4.466.234	100,00%	429.970	100,00%	4.896.204	100,00%
TOTAL CORTE NACIONAL	4.466.234	91,22%				
TOTAL CORTE IMPORTADO	429.970	8,78%				
TOTAL CORTE	4.896.204	100,00%				
TOTAL CORTE	4.896.204	65,52%				
TOTAL LEITE	2.577.055	34,48%				
TOTAL GERAL	7.473.259	100,00%				

RAÇAS	RAÇAS DE LEITE					
	NACIONAL		IMPORTADO		TOTAL LEITE	
	DOSES	PART %	DOSES	PART %	DOSES	PART %
HOLANDES - HO	297.716	23,87%	1.108.298	83,35%	1.406.014	54,56%
GIR LEITEIRO - GL	537.386	43,08%		0,00%	537.386	20,85%
JERSEY - JE	257.543	20,65%	167.069	12,56%	424.612	16,48%
PARDO SUÍÇO - BS	40.865	3,28%	38.986	2,93%	79.851	3,10%
GIROLANDO - GO	64.810	5,20%		0,00%	64.810	2,51%
GUZERÁ LEITEIRO - GT	36.187	2,90%		0,00%	36.187	1,40%
HOLANDES VERMELHO - WW	3.940	0,32%	13.724	1,03%	17.664	0,69%
GIR LEITEIRO MOCHO - GH	8.357	0,67%		0,00%	8.357	0,32%
AYRSHIRE - AY		0,00%	1.371	0,10%	1.371	0,05%
COMPOSTO LEITE - XX	505	0,04%		0,00%	505	0,02%
GUERNSEY - GU		0,00%	298	0,02%	298	0,01%
TOTAL	1.247.309	100,00%	1.329.746	100,00%	2.577.055	100,00%
TOTAL LEITE NACIONAL	1.247.309	48,40%				
TOTAL LEITE IMPORTADO	1.329.746	51,60%				
TOTAL LEITE	2.577.055	100,00%				
TOTAL NACIONAL	5.713.543	76,45%				
TOTAL IMPORTADO	1.759.716	23,55%				
TOTAL GERAL	7.473.259	100,00%				

Evolução das raças mais vendidas - corte



EVOLUÇÃO RAÇAS DE LEITE 1999 - 2003



RAÇAS	NACIONAL					IMPORTADO					TOTAL GERAL					EVOL % 02-03	EVOL % 99-03
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003		
HOLANDÊS - HO	310.828	355.080	438.648	321.579	297.716	1.509.245	1.334.329	1.260.452	1.123.088	1.108.298	1.820.073	1.689.409	1.699.100	1.444.667	1.406.014	-2,68%	-22,75%
GIR LEITEIRO - GL	165.061	194.325	310.891	406.503	537.386	154.812	180.290	213.690	174.195	167.069	165.061	194.325	310.891	406.503	537.386	32,20%	225,57%
JERSEY - JE	137.337	130.609	158.124	192.260	257.543	38.511	30.817	32.313	31.038	38.986	292.149	310.899	371.814	366.455	424.612	15,87%	45,34%
PARDO SUIÇO LEITE -BS	44.703	51.294	31.788	29.355	40.865	15.711	12.902	18.704	13.057	13.724	83.214	82.111	64.101	60.393	79.851	32,22%	-4,04%
GIROLANDO - GO	16.454	17.516	43.924	48.959	64.810	22.307	26.366	30.988	27.770	36.187	16.454	17.516	43.924	48.959	64.810	32,38%	293,89%
GUZERÁ LEITEIRO - GT	22.307	26.366	30.988	27.770	36.187	2.681	1.487	6.012	3.542	8.357	22.307	26.366	30.988	27.770	36.187	30,31%	62,22%
HOLANDÊS VERMELHO - WW	0	2.385	341	60	3.940	0	2.385	341	60	3.940	15.711	15.287	19.045	13.117	17.664	34,66%	12,43%
GIR LEITEIRO MOCHO - GH	2.681	1.487	6.012	3.542	8.357	2.681	1.487	6.012	3.542	8.357	2.681	1.487	6.012	3.542	8.357		211,71%
AYRSHIRE - AY																	
COMPOSTO LEITE - XX					505												
GUERNSEY - GU																	
OUTRAS*	214	140	150	0		22	0	200	1.070		236	140	350	1.070	0		
TOTAL LEITE	699.585	779.202	1.020.866	1.030.028	1.247.309	1.718.301	1.558.338	1.525.359	1.342.448	1.329.746	2.417.886	2.337.540	2.546.225	2.372.476	2.577.055	8,62%	6,58%
EVOLUÇÃO %	-10,18%	11,38%	31,01%	0,90%	21,09%	-5,08%	-9,31%	-2,12%	-11,99%	-0,95%	-6,42%	-3,32%	8,93%	-6,82%	8,62%		
TOTAL CORTE	2.280.506	2.514.708	3.548.096	4.131.413	4.466.234	869.802	917.100	775.769	572.672	429.970	3.150.308	3.431.808	4.323.865	4.704.085	4.896.204		
EVOLUÇÃO %	-0,86%	10,27%	41,09%	16,44%	8,10%	-13,29%	5,44%	-15,41%	-26,18%	-24,92%	-4,63%	8,94%	25,99%	8,79%	4,08%		
TOTAL	2.980.091	3.293.910	4.568.962	5.161.441	5.713.543	2.588.103	2.475.438	2.301.128	1.915.120	1.759.716	5.568.194	5.769.348	6.870.090	7.076.561	7.473.259		
EVOLUÇÃO %	-3,21%	10,53%	38,71%	12,97%	10,70%	-8,01%	-4,35%	-7,04%	-16,77%	-8,11%	-5,42%	3,61%	19,08%	3,01%	5,61%		

* Algumas raças não tem histórico anterior a 2003 pois estavam em "Outras"

