



SCENARIO OF A. I. IN BRAZIL

◦ **LÚCIA HELENA RODRIGUES**

◦ **OCTOBER, 2014**

A. I. Evolution in Brazil

Year	Nat. Semen	Part %	Evol %	Imp. Semen	Part %	Evol %
2008	4.231.222	56,71	-	3.229.737	43,29	-
2009	4.558.017	55,82	7,72	3.608.195	44,18	11,72
2010	5.417.345	56,21	18,85	4.219.992	43,79	16,96
2011	6.766.626	56,83	24,91	5.140.137	43,13	21,80
2012	6.575.601	53,29	2,81	5.140.137	43,17	21,80
2013	6.593.312	50,62	0,27	6.430.721	49,38	11,55

Year	Nat. Semen	Part %	Evol %
2008	3.745.321	50,20	-
2009	3.677.927	45,04	1,80
2010	4.108.162	42,63	11,70
2011	4.895.122	41,11	19,16
2012	4.897.734	39,69	0,05
2013	5.367.527	41,21	9,59

Milk



Semen Sales

2013

Breed	Nat. Doses	Part %	Imp. Doses	Part %
Hol	200.475	12,68	2.923.410	77,20
Gir	684.259	43,28		
Girolanda	544.936	34,47		
Guzera L	49.701	3,14		

**Evolution
Sales**

Year	HOL NAT	GIR	GIROL	HOL IMP.
2009	161.882	504.594	197.442	2.114.394
2010	153.918	656.172	277.035	2.261.508
2011	311.017	766.758	408.396	2.563.556
2012	167.198	676.141	501.199	2.708.919
2013	200.475	684.259	544.936	2.923.410

Semen Production - 2013

Breeds	Doses
Gir	486.117
Girolando	376.09
Holstein	298.375
Guzera	18.080
Jersey	244.821
Brown Swiss	103.562



Exportation - 2013

Breeds/ Country	Cabo Verde	Canada	Colombia	Arab Emirates	Equator	Panama	Paraguay	Sri Lanka
Gir		12.147	45.468		6.300	200		
Girolan da	500	1.465	18.866	350	2.000	400		1.000
Guzera		900	1.179					
Jersey	250						400	
Part %	0,82	15,87	71,66	0,38	9.08	0,66	0,44	1.09

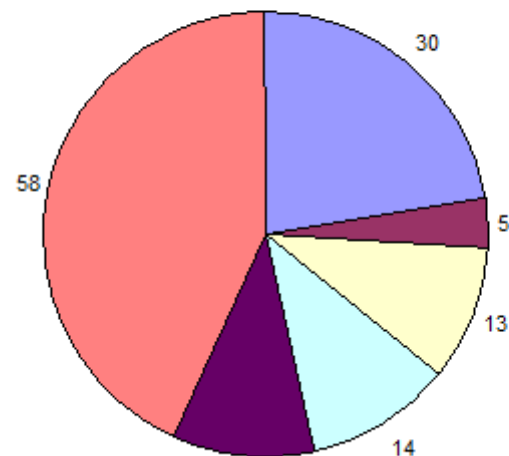




Industrial Establishments of semen and embryo registered in Agriculture Ministry

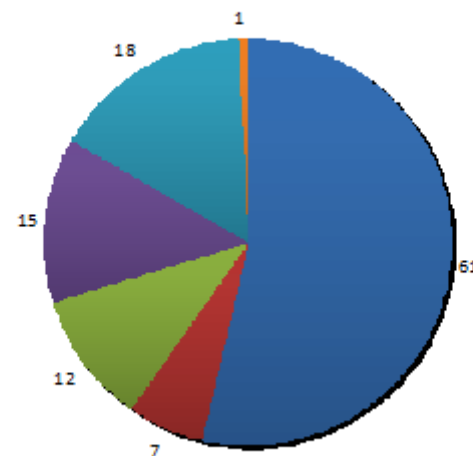
Embryo

■ bovino ■ bubalino ■ caprino ■ ovino ■ equino ■ suíno



Semen

■ bovino ■ bubalino ■ caprino ■ ovino ■ equino ■ suíno



Regulation of Semen Production

The Agriculture Ministry **inspects and supervises** the establishments of production and commercialization of semen and embryo.

Law n. 6446–Inspection and mandatory monitoring of semen for artificial insemination

IN 48 – 17/07/2003 : sanitary requirements

IN 27 – 27/09/2006 : regulation for the registration and inspection of Production Centers.



Other Services

TRAINING

- Artificial Insemination
- Artificial insemination in Fixed Time
- Bovine Andrology
- Embryo Transfer
- Training of manpower in dairy livestock
- Training in Genetic Improvement
- Financial Management
- **help farms and technicians do and be the best.**



Thank you

