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Girolando Breed Genetic Improvement Program / Top 1000 Milk Yield Females / June 2017



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Girolando Breed Genetic Improvement Program Genetic evaluation of cows June/2017

Technical Editors

Marcos Vinicius Gualberto Barbosa da Silva

Marta Fonseca Martins

Marcello de Aguiar Rodrigues Cembranelli

João Cláudio do Carmo Panetto

Leandro de Carvalho Paiva

Gustavo Sousa Gonçalves

Marco Antonio Machado

Bruna Rios Coelho

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Copies of this document can be obtained at:

Embrapa Gado de Leite

Rua Eugênio do Nascimento, 610
Bairro Dom Bosco
36038-330 - Juiz de Fora, MG - Brazil
Phone: (32) 3311-7400
Fax: +55(32) 3311-7401
www.embrapa.br
www.embrapa.br/fale-conosco/sac

Brazilian Girolando Breeders Association

Rua Orlando Vieira do Nascimento, 74
Vila São Cristovão
38040-280 - Uberaba, MG - Brazil
Phone: +55(34) 3331-6000
www.girolando.com.br
girolando@girolando.com.br

Editorial supervision *Marta Fonseca Martins*

Electronic publishing and graphics processing *Carlos Alberto Medeiros de Moura*

Cover art *Criar Propaganda*

Translation *Bruna Rios Coelho Alves*

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Authors

Marcos Vinicius Gualberto Barbosa da Silva

Animal scientist, PhD in genetics and improvement, researcher at Embrapa Gado de Leite, Juiz de Fora, MG - Brazil

Marta Fonseca Martins

Biologist, PhD in genetics and improvement, researcher at Embrapa Gado de Leite, Juiz de Fora, MG - Brazil

Marcello de Aguiar Rodrigues Cembranelli

DVM, M.Sc. in animal science, operational coordinator of PMGG, Brazilian Girolando Breeders Association, Uberaba, MG - Brazil

João Cláudio do Carmo Panetto

Animal scientist, PhD in biological sciences (Genetics), researcher at Embrapa Gado de Leite, Juiz de Fora, MG - Brazil

Leandro de Carvalho Paiva

Animal scientist, technical superintendent, Brazilian Girolando Breeders Association, Uberaba, MG - Brazil

Gustavo Sousa Gonçalves

Animal scientist, technical supervisor, Brazilian Girolando Breeders Association, Uberaba, MG - Brazil

Marco Antonio Machado

Agronomist engineer, PhD in genetics and improvement, researcher at Embrapa Gado de Leite, Juiz de Fora, MG - Brazil

Bruna Rios Coelho Alves

DVM, PhD in physiology of reproduction, assistant professor at University of Nevada, Reno, NV - USA

Presentation

The successful history of Girolando, initialized when the first official registration of the breed within the Ministry of Agriculture occurred in 1996, is been outlined along with its development, and have been strongly supported by genetic improvement initiatives held by the Girolando Breeders Association and Embrapa Dairy Cattle. Those initiatives include the progeny test, established in 1997, and the Girolando Breed Genetic Improvement Program, established in 2007.

The partnership between Girolando Breeders Association and Embrapa Dairy Cattle, held in order to produce and release this Summary, involves yearly efforts of a staff composed of approximately one hundred people, working in several fields of animal production and science. Their work encompasses from registering field data, prospecting, organizing and managing partner herds, by the Girolando association, until treating, storing and analyzing data, as well as designing and publishing this present document. Hence, because of this work, this document contains a synthesis of several information that are greatly valuable for producers as well as for the community that shares interest in the Girolando breed.

Still, in order to convert this work into effective benefit for the Girolando breed, it is important that cattleman and people working in the field apply, more and more, those results as a primary source of information to support managerial decisions for improvement of their herds.

Paulo do Carmo Martins
General Manager Embrapa Gado de Leite

Dedicatória

We dedicate this work to Dr. Ary Ferreira de Freitas, 1st Technical Coordinator of the Genetic Breeding Program of Girolando, retired researcher of Embrapa Gado de Leite.

Team of the Genetic Breeding Program of Girolando



The intention of the breeders is that, in the future, we only have the mating of bulls Girolando with Girolando cows, the PS. However, here is a reservation and a wish of mine: that this future will take some time to arrive, so that the two doors open, one for the introduction of the genetic improvement of Gir in Brazil, via the 1/4 H cows, and The other for the improvement of Holstein throughout the world, including Brazil, via the 3/4 H cows. With the new technologies of genetic selection and animal reproduction, the future of Girolando will be brilliant and very promising, as has always been desired.

Ary Ferreira de Freitas

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Girolando Breed Genetic Improvement Program

Genetic Evaluation of Cows – June/2017

Marcos Vinicius Gualberto Barbosa da Silva, Marta Fonseca Martins, Marcello de Aguiar Rodrigues Cembranelli, João Cláudio do Carmo Panetto, Leandro de Carvalho Paiva, Gustavo Sousa Gonçalves, Marco Antonio Machado, Bruna Rios Coelho Alves

Introduction

Embrapa Dairy Cattle and Brazilian Girolando Breeders Association perform genetic evaluations of sires and cows yearly, by using data obtained from the Dairy Control Service from the herds that are associated to or that collaborates with the Program for Genetic Improvement of the Girolando Breed's (PMGG) Sires Progeny Test.

Since 2005, the Sire's Progeny Tests have been published annually the Bulls Summary, while from 2013, the genetic evaluations of the main Girolando cows began to be disclosed in the Cows Summaries, which included 1,000 cows of high genetic values for milk production, ordered in decreasing values. Thus, through the information provided in the Summary, cattleman will be have knowledge of higher genetic potential in the population of Girolando cows.

Such knowledge will certainly allow a more efficient selection of the cows that may be mothers of bulls and those that will serve as dams to be used in programs that apply reproductive biotechnology technics.

Zootechnical Performance

Data Base

This genetic evaluation considered the zootechnical records provided by Girolando, including information of milk yield and genealogy, originating from farmers that have herds supervised by the Dairy Control Service, as well as from the PMGG's collaborating herds. The productive performance records of all lactations of cows (122,891 lactations) were issued for the age at parturition (552 to 8,520 days), year of birth (1981 to 2014), parturition year (2000 to 2016) and breed composition, which ranges from 1/4 to 3/4 Hol:Gir (Hol refers to Holstein and Gir to the Gir breeds). Data from lactations suspended by abnormal causes were eliminated; while size of herd and contemporary group of birth herd-year were considered for data inclusion. Records of at least three lactations and the use of at least two bulls for herd-year were considered as pre requisites for data inclusion. In addition, contemporary groups of cows that participated in dairy tournament in one or more controls of lactation were formed.

Table 1 contains the productive performance of Girolando cows, controlled in 385 active herds from the Girolando's Control Service and from 711 herds that collaborated with the progeny test during the 2000-2016 period. The overall average milk yield in up to 305 days in lactation was 4,770 kg, while the averages for total milk production and lactation length were respectively 5,229 kg e 276 days. Table 1 also shows the performance of each breed composition of Girolando animals: 1/4 Hol: 3/4 Gyr, 3/8 Hol: 5/8 Gyr, 1/2 Hol: 1/2 Gyr, 5/8 Hol: 3/8 Gyr e 3/4 Hol: 1/4 Gyr. Among those different breed compositions, 3/4 Hol: 1/4 Gyr cows had the highest averages of total milk yield in lactation (5,996 kg) and the highest average lactation length (285 days). Cows of the breed composition 1/2 Hol: 1/2 Gyr had the highest average for milk production up to 305 days (5,039 kg) and breeding value (317 kg). The lowest averages were observed in the group of cows 1/4 Hol: Gyr 3/4 for total milk yield (3,753 kg), milk production up to 305 days (3,517 kg), lactation length (244 days), and breeding value (184 kg).

Table 1. Means and standard deviations (SD) for milk yield in 305 days (MY305). for total milk yield during lactation (MYTOT) and lactation length (LLENGHT) and genetic value (GV) cows of different breed compositions.

Breed Composition	Number of Observation	Trait	Average $\pm$ SD
1/4 Hol: 3/4 Gir	6,610	LLENGHT (days)	244 $\pm$ 91
		MY305 (kg)	3,517 $\pm$ 2,189
	5,962	MYTOT (kg)	3,753 $\pm$ 2,579
		GV (kg)	184 $\pm$ 387
3/8 Hol: 5/8 Gir	6,038	LLENGHT (days)	254 $\pm$ 92
		MY305 (kg)	4,196 $\pm$ 2,152
	3,784	MYTOT (kg)	4,481 $\pm$ 2,571
		GV (kg)	151.41 $\pm$ 323.77
1/2 Hol: 1/2 Gir	38,275	LLENGHT (days)	271 $\pm$ 94
		MY305 (kg)	5,039 $\pm$ 2,453
	26,584	MYTOT (kg)	5,467 $\pm$ 3,018
		GV (kg)	317 $\pm$ 456
5/8 Hol: 3/8 Gir	21,232	LLENGHT (days)	276 $\pm$ 99
		MY305 (kg)	4291 $\pm$ 2190
	12,546	MYTOT (kg)	4705 $\pm$ 2713
		GV (kg)	227 $\pm$ 435
3/4 Hol: 1/4 Gir	39,757	DURLAC (dias)	285 $\pm$ 105
		PL305 (kg)	4,964 $\pm$ 2,271
	27,096	PLTOT (kg)	5,996 $\pm$ 2,915
		VG (kg)	222 $\pm$ 406
Overall average*	122,891	LLENGHT (days)	276 $\pm$ 100
		MY305 (kg)	4,770 $\pm$ 2,340
	109,160	MYTOT (kg)	5,229 $\pm$ 2,923
		GV (kg)	231.01 $\pm$ 400.05

*Included others breed composition.

Table 2 contains the reproductive performance of Girolando cows considering the features: calving interval (CI), age at first calving (AFC) and calving age (AGE). The average calving age was 1,861 days and the average age at first calving was 1,052 days, and parturition interval was 436 days. Cows of the 3/8 Hol: 5/8 Gir had the oldest age at first calving (1,156 days). Cow of the 1/2 Hol: 1/2 Gir had the shortest calving interval (426 days), and youngest age at first calving (1,006 days). Cow of the 5/8 Hol: 3/8 Gyr had the shortest calving age (1,786 days).

Table 2. Means and standard deviations (SD) for reproductive traits of Girolando cows: calving interval (CI), age at first calving (AFC) and calving age (AGE) for cows of different breed compositions.

Breed composition	Number of Observations	Trait	Average $\pm$ SD
1/4 H: 3/4 G	2,934	CI (days)	449 $\pm$ 100
	1,002	AFC (days)	1,123 $\pm$ 207
	6,610	AGE (days)	2,273 $\pm$ 1,154
3/8 H: 5/8 G	2,546	CI (days)	433 $\pm$ 96
	963	AFC (days)	1,156 $\pm$ 195
	6,038	AGE (days)	1,937 $\pm$ 857
1/2 H: 1/2 G	17,139	CI (days)	426 $\pm$ 95
	8,036	AFC (days)	1,006 $\pm$ 241
	38,275	AGE (days)	1,863 $\pm$ 986
5/8 H: 3/8 G	9,016	CI (days)	446 $\pm$ 99
	3,420	AFC (days)	1,072 $\pm$ 219
	21,234	AGE (days)	1,786 $\pm$ 899
3/4 H: 1/4 G	16,766	CI (days)	437 $\pm$ 98
	6,975	AFC (days)	1,066 $\pm$ 229
	39,757	AGE (days)	1,833 $\pm$ 903
Média geral	52,779	CI (days)	436 $\pm$ 98
	22,380	AFC (days)	1,052 $\pm$ 224
	122,891	AGE (days)	1,861 $\pm$ 944

Statistical Model and Analysis Methodology

For the genetic evaluation milk yield, it was used a model that included the fixed effects of herd-year of calving, calving season and cow's breeding composition, which was determined by the proportions of the Holstein and Gir breeds, in proportions varying from 1/4 to 3/4. The age of the cow at first calving was included as a covariate, with the linear and quadratic components. The random effects were animal genetic composition, permanent environmental effects and the residue. The predicted breeding values of each animal were obtained through the Best Linear Unbiased Prediction (BLUP) methodology using the program MTDFREML (1995).

Table 3 shows the genetic values of the Top 1,000 Girolando cows, according to milk yield in up to 305 days. The genetic values (GV) ranged from 1,373.55 to 3,029.94 kg with an average reliability of 65%. The average VG was 1,593 kg.

These cows can be considered as mothers of bulls that may take part in the next progeny tests. Thus, their mating need to be carefully chosen, so that animals of high genetic potential are generated, further improving Girolando population.

Table 3. List of TOP 1,000 Girolando cows, with genetic value (GV) for milk yield in up to 305 days and reliability.

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
1	MAXIMA HARMONIA FIV DA PRATA JAC	B-2467	5/8 Hol + 3/8 Gir	3029.94	67%
2	BESIDE BLITZ SINA 527	103	3/4 Hol + 1/4 Gir	2987.16	70%
3	ICH BLIZA BLITZ TE	8441-A	3/4 Hol + 1/4 Gir	2958.23	69%
4	BEGIN BLITZ SINA 525	8610-AG	3/4 Hol + 1/4 Gir	2908.57	70%
5	BEACH FIV BLITZ CANELA SINA	77	3/4 Hol + 1/4 Gir	2906.77	70%
6	ICH IGALA BLITZ	9646-A	3/4 Hol + 1/4 Gir	2900.71	76%
7	ICH CANELA TEATRO	S-3377	1/2 Hol + 1/2 Gir	2863.99	86%
8	BIKE BLITZ SINA 524	96	3/4 Hol + 1/4 Gir	2676.14	68%
9	MINEIRA TEATRO FIV RPM DA S.ANTONIO	C-5000	1/4 Hol + 3/4 Gir	2665.07	72%
10	ESTRELA FIV DA DUBAI	7749-Q	5/8 Hol + 3/8 Gir	2612.50	60%
11	AFRODITE FIV DA DUBAI	7750-Q	5/8 Hol + 3/8 Gir	2592.27	65%
12	ICH IMPECAVEL SANSÃO	4242-K	1/4 Hol + 3/4 Gir	2577.25	73%
13	ICH K83 CANELA SHOTTLE	7255-X	3/4 Hol + 1/4 Gir	2574.01	68%
14	ICH IONE BLITZ	9994-V	3/4 Hol + 1/4 Gir	2552.39	69%
15	ICH BLACKSTHIL BLITZ TE	8444-A	3/4 Hol + 1/4 Gir	2525.30	69%
16	ICH ERY BLITZ TE	3415-E	3/4 Hol + 1/4 Gir	2524.04	76%
17	TERNURA BOLTON TE WTF DA ESTIVA	B-3455	5/8 Hol + 3/8 Gir	2456.03	73%
18	OLIVIA TERRA VERMELHA	63	5/8 Hol + 3/8 Gir	2455.26	64%
19	HAITI FIV BRADLEY RANCHO DO RO	3092-M	3/4 Hol + 1/4 Gir	2389.69	66%
20	ICH LATANIA AFTERSHOCK	3800-N	3/4 Hol + 1/4 Gir	2363.84	68%
21	PEROLA SHOTTLE	15	5/8 Hol + 3/8 Gir	2363.81	64%
22	ICH K139 CANELA LEGEND	863	3/4 Hol + 1/4 Gir	2339.50	66%
23	BRIANE TE BLITZ GINGA 529 SINA	3902-N	3/4 Hol + 1/4 Gir	2305.60	70%
24	HERMA FIV BRADLEY RANCHO DO RO	0877-AM	3/4 Hol + 1/4 Gir	2253.08	66%
25	AFRICANA BLITZ FIV JM MONTE ALVERNE	0791-X	3/4 Hol + 1/4 Gir	2238.53	74%
26	791 BOLTON LR DA CACHOEIRINHA	AQ-5697	3/4 Hol + 1/4 Gir	2238.31	68%
27	CAPITU FIV AFTERSHOCK AGRO SD	6307-H	5/8 Hol + 3/8 Gir	2235.86	69%
28	RAVACHE BLITZ FIV FZD	8688-I	5/8 Hol + 3/8 Gir	2227.01	65%
29	BARILOCHE SHOTTLE FIV DA XAPETUBA	9917-I	5/8 Hol + 3/8 Gir	2222.33	70%
30	FALADA FIV DA DUBAI	61	5/8 Hol + 3/8 Gir	2221.34	57%
31	PERLA BLITZ FIV LE	8810-B	1/2 Hol + 1/2 Gir	2214.87	60%
32	BARRAGEM F	X-6789	1/2 Hol + 1/2 Gir	2208.06	57%
33	DIRAC DO PERY	AL-4334	3/4 Hol + 1/4 Gir	2204.66	50%
34	ENGENHO DA RAINHA BRENDA TEATRO	AD-2216	1/2 Hol + 1/2 Gir	2195.78	80%
35	ICH K62 CANELA BLITZ	876	3/4 Hol + 1/4 Gir	2180.98	70%
36	EXPIADA SUPERSIRE FIV F.CONGONHAS	9953-W	1/2 Hol + 1/2 Gir	2173.59	51%
37	ICH JESSICA DIE-HARD	3870-N	3/4 Hol + 1/4 Gir	2169.37	73%
38	CARINHOSA BLITZ FIV ONCA	3642-T	5/8 Hol + 3/8 Gir	2161.31	72%
39	NATALI HARMONIA DA PRATA JAC	6624-S	5/8 Hol + 3/8 Gir	2160.28	66%
40	ITATIAIA FIV BRADLEY BON BELÉM	0939-L	3/4 Hol + 1/4 Gir	2157.52	63%
41	MEXERICA SANTA LUZIA	AE-6109	3/4 Hol + 1/4 Gir	2153.02	68%
42	ICH HERCILA TOYSTORY	3782-N	3/4 Hol + 1/4 Gir	2142.98	73%
43	INABALAVEL CORREGO BRANCO	4581-F	1/2 Hol + 1/2 Gir	2139.99	57%
44	LAFE 316 AQUARELA WILDMAN FIV	4138-S	1/2 Hol + 1/2 Gir	2138.02	67%
45	JULY FIV AFTERSHOCK RANCHO DO RO	3306-U	3/4 Hol + 1/4 Gir	2119.19	66%
46	ICH IOKO JAGUAR	C-0026	1/4 Hol + 3/4 Gir	2114.71	71%
47	ICH JENNY DIE-HARD	654	3/4 Hol + 1/4 Gir	2109.12	70%
48	HAILA GENEVA RANCHO DO RO	3264-U	3/4 Hol + 1/4 Gir	2095.02	66%
49	GRAZI BRADLEY RANCHO DO RO	9498-E	3/4 Hol + 1/4 Gir	2085.04	68%
50	ICH IBIARA LOU	9650-A	3/4 Hol + 1/4 Gir	2082.94	71%
51	CELEBRIDADE GOLDWYN FIV F.CONGONHAS	5526-S	1/2 Hol + 1/2 Gir	2074.88	67%
52	ARGOLA BLITZ FIV JM MONTE ALVERNE	5777-N	3/4 Hol + 1/4 Gir	2073.57	63%
53	884 ABELHA FIV LR DA CACHOEIRINHA	5966-J	1/2 Hol + 1/2 Gir	2070.81	71%
54	LAFE 228 ENSEADA BLITZ FIV	2083-AC	1/2 Hol + 1/2 Gir	2069.05	77%
55	CAMPEA DA CABANHA	Z-4200	1/2 Hol + 1/2 Gir	2041.49	65%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
56	ICH K73 CANELA DUNDEE	801	3/4 Hol + 1/4 Gir	2041.00	69%
57	QLINDA PLANET FIV 3S FZD	1610-Q	5/8 Hol + 3/8 Gir	2038.39	69%
58	COIMBRA BRADLEY FIV DA XAPETUBA	3303-AN	1/2 Hol + 1/2 Gir	2034.43	67%
59	ICH LUANA LOU TE	8447-A	3/4 Hol + 1/4 Gir	2023.59	67%
60	AGUIA FIV DA SLS	45	3/4 Hol + 1/4 Gir	2020.87	62%
61	EVORA TE DO PERY	A0-0094	3/4 Hol + 1/4 Gir	2009.34	55%
62	VIRTUDE BRADLEY SANTA LUZIA	6492-E	1/2 Hol + 1/2 Gir	2008.06	67%
63	JAEL FIV BRENDA GILLESPIY RANCHO DO RO	3282-U	3/4 Hol + 1/4 Gir	2003.16	58%
64	SENSACAO BLITZ SANTA LUZIA	5712-J	1/2 Hol + 1/2 Gir	2002.10	78%
65	JOIA BRADLEY FIV BOA FE	2536-P	5/8 Hol + 3/8 Gir	2000.79	69%
66	BELDADE FIV DA DUBAI	60	5/8 Hol + 3/8 Gir	2000.37	65%
67	SEVILHA JOCKO FIV WTF DA ESTIVA	B-3489	5/8 Hol + 3/8 Gir	1995.17	70%
68	AMERICA DETOX FIV WTF DA ESTIVA	4568-J	5/8 Hol + 3/8 Gir	1993.79	61%
69	ISHTA CORREGO BRANCO	4561-F	3/4 Hol + 1/4 Gir	1991.78	60%
70	DEMEL FIV BLITZ DA TROPICAL	831	1/2 Hol + 1/2 Gir	1987.09	61%
71	IACI FIV BRADLEY BON BELÉM	0943-L	3/4 Hol + 1/4 Gir	1987.06	63%
72	CALIOPTERA FIV AFRODITE WILDMAN DA SANQUIT	9821-I	1/2 Hol + 1/2 Gir	1984.59	65%
73	ICH K60 CANELA HOMESTEAD	875	3/4 Hol + 1/4 Gir	1984.30	70%
74	ARIANA FIV WILDMAN PORTEIRA AZUL	9274-AG	1/2 Hol + 1/2 Gir	1976.51	63%
75	ASSIMA BOMBOM CHORAL	3911-D	1/2 Hol + 1/2 Gir	1973.42	77%
76	BELA HARMONIA FIV DA PRATA JAC	B-2266	5/8 Hol + 3/8 Gir	1966.55	74%
77	AGATA 3 SHOTTLE FIV COMAPI	0374-Y	1/2 Hol + 1/2 Gir	1952.59	62%
78	REALEZA FIV DA DUBAI	64	5/8 Hol + 3/8 Gir	1949.86	65%
79	BOTANICA FIV FR RECREIO	5120-N	5/8 Hol + 3/8 Gir	1946.76	61%
80	FRANJINHA BLITZ FIV ONCA	3721-T	1/2 Hol + 1/2 Gir	1942.47	77%
81	GALA JAGUAR SANTA LUZIA	5967-J	1/4 Hol + 3/4 Gir	1937.88	76%
82	LINDA FIV LOU CANELA 541 SINA	3901-N	3/4 Hol + 1/4 Gir	1937.65	67%
83	REUNIDAS HD MARAYA 13830 WILDMAN FIV	0786-M	5/8 Hol + 3/8 Gir	1929.88	75%
84	ARGENTINA BLITZ FIV JM MONTE ALVERNE	5784-N	3/4 Hol + 1/4 Gir	1929.32	68%
85	DEMASIA JM MONTE ALVERNE	AE-9120	1/2 Hol + 1/2 Gir	1926.37	67%
86	ALTEZA BLITZ FIV JM MONTE ALVERNE	9846-X	3/4 Hol + 1/4 Gir	1926.23	65%
87	GILCA BLITZ FIV LE	7164-Z	1/2 Hol + 1/2 Gir	1917.04	75%
88	KIBOA WILDMAN FIV F MUTUM	5079-Q	1/2 Hol + 1/2 Gir	1915.22	62%
89	RANA FIV DA PRATA JAC	0589-Q	5/8 Hol + 3/8 Gir	1913.03	70%
90	ICH MADEIXA SHAMROCK	9570-U	5/8 Hol + 3/8 Gir	1911.47	62%
91	ICH LEOPARDA LOU	4185-K	3/4 Hol + 1/4 Gir	1910.31	61%
92	COCADA COLONIA BRADLEY NOVA TERRA	8500-J	5/8 Hol + 3/8 Gir	1909.69	67%
93	CATIVA BRADLEY FIV DA XAPETUBA	5072-N	5/8 Hol + 3/8 Gir	1908.86	76%
94	PORTUGUESA I WILDMAN FIV MUTUM	8999-N	5/8 Hol + 3/8 Gir	1905.74	71%
95	IRANI SHOTTLE FIV ALEGRE	B-5372	5/8 Hol + 3/8 Gir	1905.29	68%
96	RBC FATIOTA FIV	B-6154	5/8 Hol + 3/8 Gir	1904.15	77%
97	DANCARINA FIV DA DUBAI	63	5/8 Hol + 3/8 Gir	1899.37	60%
98	NONA JOCKO JM MONTE ALVERNE	1526-I	3/4 Hol + 1/4 Gir	1888.11	63%
99	CORINTIANA COLONIA AFTERSHOK NOVA TERRA	4678-V	5/8 Hol + 3/8 Gir	1887.08	67%
100	ROMA FIV DOS POÇOS	2517-K	1/2 Hol + 1/2 Gir	1886.86	63%
101	REVELACAO DA CENTROGEN FIV	9465-J	1/2 Hol + 1/2 Gir	1880.37	66%
102	ANHUMA FIV M.VERDE	696	1/4 Hol + 3/4 Gir	1875.27	77%
103	ICH JOSI DIE-HARD	665	3/4 Hol + 1/4 Gir	1874.69	67%
104	DECA FIV BLITZ DA TROPICAL	4913-N	1/2 Hol + 1/2 Gir	1874.59	61%
105	CARISMA AFTERSHOK FIV DA XAPETUBA	5228-AF	5/8 Hol + 3/8 Gir	1870.57	70%
106	ESMERALDA BRADLEY ACG	B-6296	5/8 Hol + 3/8 Gir	1867.47	64%
107	154 FIV SANCHEZ DA ANTA	9158-O	1/2 Hol + 1/2 Gir	1860.08	64%
108	REVISTA GENEVA OASIS DA DIVISA	3267-U	3/4 Hol + 1/4 Gir	1858.57	60%
109	CAMELIA MOSCOW FIV DO CONDE	5099-I	1/2 Hol + 1/2 Gir	1856.86	68%
110	CARICIA AFTERSHOCK FIV DA XAPETUBA	9725-Y	5/8 Hol + 3/8 Gir	1846.28	70%
111	CANASTRA WILDMAN FIV DA XAPETUBA	796	1/2 Hol + 1/2 Gir	1846.09	64%
112	CONFETI BRADLEY FIV DA XAPETUBA	830	5/8 Hol + 3/8 Gir	1842.97	68%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
113	ICH K91 CANELA DIE HARD	819	3/4 Hol + 1/4 Gir	1842.61	67%
114	BB MILK EMERSON NUGGET JAGUAR FIV	1068-I	1/2 Hol + 1/2 Gir	1842.49	61%
115	HAVILA FIV BRADLEY RANCHO DO RO	3125-M	3/4 Hol + 1/4 Gir	1839.39	66%
116	AGATA 13 SHOTTLE FIV COMAPI	7473-AG	1/2 Hol + 1/2 Gir	1839.23	63%
117	SALADA BLITZ FIV ONCA	3753-T	1/2 Hol + 1/2 Gir	1838.02	70%
118	QUALITY PLANET FIV 3S FZD	1620-Q	5/8 Hol + 3/8 Gir	1837.64	65%
119	COTOVIA BRADLEY FIV DA XAPETUBA	3546-U	1/2 Hol + 1/2 Gir	1836.79	78%
120	BOLINA 4 FIDELITY COMAPI	9347-N	1/2 Hol + 1/2 Gir	1833.36	55%
121	ICH K61 CANELA HOMESTEAD	6891-AR	3/4 Hol + 1/4 Gir	1831.77	69%
122	ICH IONARA JAGUAR	C-0027	1/4 Hol + 3/4 Gir	1830.30	70%
123	LIBERDADE W CANABRAVA	4543-C	3/4 Hol + 1/4 Gir	1829.51	55%
124	DALILA SHAMROCK FIV ONCA	6345-AB	1/2 Hol + 1/2 Gir	1828.92	57%
125	CONCHA SHOTTLE FIV F.CONGONHAS	0378-V	1/2 Hol + 1/2 Gir	1827.93	77%
126	BOATE I BETHANIA	3793-E	1/2 Hol + 1/2 Gir	1826.47	55%
127	KAVINHA KENYO	A-7116	5/8 Hol + 3/8 Gir	1823.23	56%
128	SEVILHA SANSÃO OASIS DA DIVISA	9906-S	1/4 Hol + 3/4 Gir	1822.08	64%
129	ACADEMIA BRADLEY FIV DA XAPETUBA	0264-G	1/2 Hol + 1/2 Gir	1821.70	66%
130	PAMELA RS DO RANCHO ALEGRE	1761-D	3/4 Hol + 1/4 Gir	1821.36	65%
131	BONECA TERRA ALEGRE	2593-D	1/4 Hol + 3/4 Gir	1819.89	68%
132	ALTEROSA BRADLEY FIV DA XAPETUBA	9024-H	1/2 Hol + 1/2 Gir	1818.15	79%
133	COSTA RICA FIV BLITZ CM PONTE NOVA	6805-H	1/2 Hol + 1/2 Gir	1817.39	62%
134	CENTENARIO JULIANA WILDMAN NF IRMAOS	9968-T	3/4 Hol + 1/4 Gir	1816.24	64%
135	ICH MAROMBA MACCTCHEN	9976-V	5/8 Hol + 3/8 Gir	1816.18	58%
136	FINEZA BLITZ FIV BFSR	7971-AH	1/2 Hol + 1/2 Gir	1813.99	59%
137	OASIS DA DIVISA MAROA AFTERSHOCK	2836-J	3/4 Hol + 1/4 Gir	1812.76	65%
139	REUNIDAS HD DISADORA	1542-D	3/8 Hol + 5/8 Gir	1812.27	52%
138	ESPINOSA FIV LOU BRIGITTA RS DO RANCHO ALEGRE	0642-P	3/4 Hol + 1/4 Gir	1812.27	58%
140	CEVADA AZALÉIA SHOTTLE FIV DA PALMA	9481-J	3/4 Hol + 1/4 Gir	1812.14	63%
141	LALA PARAMOUNT FIV F. MUTUM	9580-L	1/2 Hol + 1/2 Gir	1806.52	64%
142	COLA COLONIA BRADLEY NOVA TERRA	8493-J	5/8 Hol + 3/8 Gir	1803.48	67%
143	LAKA FIV LOU CANELA FIVE 540 SINA	3907-N	3/4 Hol + 1/4 Gir	1803.16	67%
144	EUDÓXIA BRADLEY FIV DO CONDE	5737-R	1/2 Hol + 1/2 Gir	1802.96	61%
145	CAMPONESA COLONIA AFTERSHOK NOVA TERRA	3503-Y	5/8 Hol + 3/8 Gir	1800.78	67%
146	DETERMINADA FIV DO FREI GALVAO	6376-W	5/8 Hol + 3/8 Gir	1799.62	55%
147	DOCURA FIV BETHANIA	4489-F	3/4 Hol + 1/4 Gir	1797.61	63%
148	ICH IANCA SANSÃO	9995-V	1/4 Hol + 3/4 Gir	1797.39	68%
149	AZALEIA FIV DA SLS	46	3/4 Hol + 1/4 Gir	1794.19	62%
150	GRASI WILDMAN FIV LE	1350-Q	1/2 Hol + 1/2 Gir	1790.64	66%
151	ICH K87 FIBRA BLITZ	815	3/4 Hol + 1/4 Gir	1787.42	68%
152	JOICE FIV DOBERMAN RANCHO DO RO	3307-U	3/4 Hol + 1/4 Gir	1787.08	66%
153	AMORA FIV DA SLS	9717-O	3/4 Hol + 1/4 Gir	1783.55	62%
154	XERXES FR RECREIO	B-3466	5/8 Hol + 3/8 Gir	1783.13	67%
155	ICH MIMOSA ATWOOD	7832-M	3/4 Hol + 1/4 Gir	1782.94	67%
156	BARCACA SANSÃO FIV DO FAZENDAO	B-7826	1/4 Hol + 3/4 Gir	1781.81	70%
157	TPSR DEDICATÓRIA	4741-V	1/2 Hol + 1/2 Gir	1781.03	53%
158	AGATA 15 SHOTTLE FIV COMAPI	0375-Y	1/2 Hol + 1/2 Gir	1780.86	62%
159	JULIANA FIV ANN SOL NASCENTE	0960-S	1/2 Hol + 1/2 Gir	1778.43	59%
160	PETALA FIV BRADLEY SANTA LUZIA	4413-N	3/4 Hol + 1/4 Gir	1778.22	75%
161	FELA 237 ABENCOADA BLITZ FIV	5405-J	1/2 Hol + 1/2 Gir	1775.41	77%
162	BLENDA FIV ZAMBONI	7475-K	1/2 Hol + 1/2 Gir	1773.05	61%
163	CARTONA SHOTTLE FIV DA XAPETUBA	4452-AJ	5/8 Hol + 3/8 Gir	1772.87	67%
164	RENDA BLITZ FIV FZD	8671-I	1/2 Hol + 1/2 Gir	1772.51	77%
165	FONTANA AFTERSHOCK FIV DA MEDALHA MILAGROSA	0762-W	1/2 Hol + 1/2 Gir	1772.51	65%
166	COCA COLONIA BRADLEY NOVA TERRA	8489-J	5/8 Hol + 3/8 Gir	1771.41	69%
167	ACADEMIA BRADLEY SANTA LUZIA	0930-B	1/2 Hol + 1/2 Gir	1769.00	66%
168	LUMA FIV LOU CANELA 538 SINA	3910-N	3/4 Hol + 1/4 Gir	1768.67	67%
169	CAPADÓCIA FR RECREIO	6174-N	5/8 Hol + 3/8 Gir	1767.97	67%
170	AGATA 7 SHOTTLE FIV COMAPI	5924-AA	1/2 Hol + 1/2 Gir	1766.47	63%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
171	FOLHAGEM BLITZ FIV DA MEDALHA MILAGROSA	9406-Q	1/2 Hol + 1/2 Gir	1764.34	62%
172	RAINHA 4557 LANGDON DA NF IRMAOS	AQ-8571	3/4 Hol + 1/4 Gir	1763.83	61%
173	CACAU AFTERSHOCK FIV DA XAPETUBA	8388-AG	1/2 Hol + 1/2 Gir	1763.28	64%
174	LALILA TE TERRA VERMELHA	A-2108	1/4 Hol + 3/4 Gir	1761.10	71%
175	RARA BLITZ FIV FZD	8686-I	5/8 Hol + 3/8 Gir	1753.33	62%
176	ICH JONARA DIE-HARD	664	3/4 Hol + 1/4 Gir	1753.18	70%
177	LURDES BLITZ FIV ONCA	3697-T	1/2 Hol + 1/2 Gir	1752.36	66%
178	BONANCA SHOTTLE ONCA	7474-AM	5/8 Hol + 3/8 Gir	1752.24	64%
179	ISLAMISMO AIRRAIDE JM MONTE ALVERNE	1004-T	3/4 Hol + 1/4 Gir	1751.29	66%
180	BEYONCE SHOTTLE FIV DA XAPETUBA	B-3326	5/8 Hol + 3/8 Gir	1751.03	71%
181	ESTRELA SHAMROCK FIV DA XAPETUBA	5900-U	5/8 Hol + 3/8 Gir	1747.01	65%
182	877 LR DA CACHOEIRINHA	5989-J	3/4 Hol + 1/4 Gir	1745.46	68%
183	DOROTY PLANET FIV F.CONGONHAS	1341-Q	1/2 Hol + 1/2 Gir	1745.37	60%
184	VITAMINA 70 FIV DAS ARABIAS II	3407-N	1/2 Hol + 1/2 Gir	1745.24	77%
185	NAMORADA BLITZ FIV ONCA	ONCA1796	5/8 Hol + 3/8 Gir	1742.38	63%
186	FATIMA BLITZ FIV ONCA	2684-T	1/2 Hol + 1/2 Gir	1740.61	76%
187	GLORIOSA BRADNICK FIV ONCA	7468-AM	1/2 Hol + 1/2 Gir	1738.92	60%
188	CEDULA FIV AFRODITE WILDMAN DA SANQUIT	9823-I	1/2 Hol + 1/2 Gir	1738.75	65%
189	PLACIDA GILLESPI BOA FE	9090-Z	3/4 Hol + 1/4 Gir	1738.59	54%
190	BAZUCA FIV F.CRUZEIRO	6256-R	1/2 Hol + 1/2 Gir	1736.53	65%
191	VENEZA DOLMAN SANTA LUZIA	4440-N	3/4 Hol + 1/4 Gir	1734.60	66%
192	ICH IGARA PARINTINS	7779-E	1/4 Hol + 3/4 Gir	1734.57	66%
193	PRINCESA GAP PARAISO	1240-B	1/2 Hol + 1/2 Gir	1734.45	74%
194	ICH K94 CANELA HOMESTEAD	823	3/4 Hol + 1/4 Gir	1733.66	68%
195	ICH JANDA DIE-HARD	8771-M	3/4 Hol + 1/4 Gir	1731.80	73%
196	CELEBRIDADE SANSÃO BOA FE	AG-0876	1/2 Hol + 1/2 Gir	1728.48	65%
197	BALADA FIV F.CRUZEIRO	0394-V	5/8 Hol + 3/8 Gir	1727.51	65%
198	ESTER AFTERSHOCK FIV DA XAPETUBA	8054-Q	1/2 Hol + 1/2 Gir	1725.86	66%
199	ESTUFA BELDADE CANCUM NOVA TERRA	7901-Y	5/8 Hol + 3/8 Gir	1724.13	54%
200	MALU HARMONIA 2 FIV DA PRATA JAC	A-7634	5/8 Hol + 3/8 Gir	1723.95	69%
201	BOLINA 5 FIDELITY COMAPI	9348-N	1/2 Hol + 1/2 Gir	1722.03	57%
202	AMAZONA FIV BRADLEY M.VERDE	3849-Y	1/2 Hol + 1/2 Gir	1720.50	63%
203	1788 DA JP AGROPECUARIA	3285-S	1/2 Hol + 1/2 Gir	1719.71	65%
204	BRUNA XIV FIV MYTO	0017-Q	3/4 Hol + 1/4 Gir	1718.89	59%
205	EMBLEMA METEOR FIV DA XAPETUBA	0519-V	1/2 Hol + 1/2 Gir	1717.61	62%
206	ICH BLITZ BLITZ TE	8443-A	3/4 Hol + 1/4 Gir	1716.85	66%
207	VIKI FIV DA PRATA JAC	0591-Q	5/8 Hol + 3/8 Gir	1715.30	70%
208	SOFIA TE JACK SANTA LUZIA	5556-J	3/4 Hol + 1/4 Gir	1713.88	56%
209	ALEXANDRIA IMPERADOR JOCKO WTF DA ESTIVA	4576-J	5/8 Hol + 3/8 Gir	1711.45	61%
210	SOBERANA BLITZ FIV ONCA	6326-AB	3/4 Hol + 1/4 Gir	1710.15	59%
211	CHELSEA AFTERSHOK FIV DA XAPETUBA	843	3/4 Hol + 1/4 Gir	1708.13	66%
212	SAPATILHA BUCKEYE WTF DA ESTIVA	5767-N	5/8 Hol + 3/8 Gir	1705.45	68%
213	LARA FIV BRENDA AFTERSHOCK RANCHO DO RO	3278-U	3/4 Hol + 1/4 Gir	1704.07	66%
214	CUSTOSA FIV DA PEZ	5657-V	1/2 Hol + 1/2 Gir	1702.97	61%
215	BORRA F	X-6784	1/2 Hol + 1/2 Gir	1699.86	53%
216	MUSICA LINS	P-2356	1/2 Hol + 1/2 Gir	1698.93	65%
217	RAYKA BLITZ FIV LE	8809-B	1/2 Hol + 1/2 Gir	1697.51	78%
218	JACA BLITZ FIV ONCA	7291-AM	1/2 Hol + 1/2 Gir	1697.22	70%
219	CIGANA SANSÃO FIV DO CONDE	3128-AC	1/4 Hol + 3/4 Gir	1697.05	64%
220	PAMELA FIV PLANET SANTA LUZIA	4658-X	1/2 Hol + 1/2 Gir	1696.97	59%
221	JULIANA FIV CASTELO RANCHO DO RO	3261-U	1/4 Hol + 3/4 Gir	1696.82	65%
222	ELEN BRADNICK FIV F.CONGONHAS	9959-W	1/2 Hol + 1/2 Gir	1695.91	63%
223	BOTIQUE JM MONTE ALVERNE	AB-0466	1/2 Hol + 1/2 Gir	1695.62	68%
224	LULA FIV BRADLEY JASMIN 1553 FUBE	7114-W	1/2 Hol + 1/2 Gir	1695.22	62%
225	FLÂMULA BRADNICK FIV BERTA RS DO RANCHO ALEGRE	9276-T	3/4 Hol + 1/4 Gir	1693.82	63%
226	ICH K80 CANELA DIE-HARD	808	3/4 Hol + 1/4 Gir	1692.11	67%
227	BRENDA FIV COOPRATA DA TROPICAL	0776-L	1/2 Hol + 1/2 Gir	1691.84	61%

(To be continued...)

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
228	PIEADA DO RANCHO TUNIN	6386-H	1/2 Hol + 1/2 Gir	1691.53	64%
229	MANCHA SHAMROCK FIV F MUTUM	5066-Q	1/2 Hol + 1/2 Gir	1691.26	59%
230	CHALANA BRADLEY FIV DA XAPETUBA	5851-U	1/2 Hol + 1/2 Gir	1690.90	77%
231	LOLA CHARLES ONCA	3664-T	3/4 Hol + 1/4 Gir	1690.67	55%
232	BAVARIA FIV BRADLEY SANTA LUZIA	6489-E	1/2 Hol + 1/2 Gir	1690.53	63%
233	NYOCA SHOTTLE SONHO DOURADO	B-5114	5/8 Hol + 3/8 Gir	1689.84	62%
234	COLONIA SANSÃO OG	6600	1/4 Hol + 3/4 Gir	1687.93	82%
235	HARMONIA TERRA VERMELHA	6795	1/4 Hol + 3/4 Gir	1687.45	86%
236	OFERENDA LORD LILY TE WTF ESTIVA	B-0058	5/8 Hol + 3/8 Gir	1685.43	65%
237	JACUTINGA BLITZ FIV ONCA	5392-N	1/2 Hol + 1/2 Gir	1684.63	68%
238	ICH HENY TEATRO	8506-A	1/2 Hol + 1/2 Gir	1684.08	74%
239	HERA AFTERSHOCK FIV DAS PRIMÍCIAS	9939-W	5/8 Hol + 3/8 Gir	1683.06	69%
240	JUVENTUDE JAGUAR WTF DA ESTIVA	5944-N	1/2 Hol + 1/2 Gir	1681.25	75%
241	KAFILA WILDMAM FIV F MUTUM	3638-Y	1/2 Hol + 1/2 Gir	1679.34	62%
242	CHILENA SANSÃO FIV MAUA	8700-J	1/2 Hol + 1/2 Gir	1679.13	63%
243	ESCUNA AFTERSHOCK FIV DA XAPETUBA	5898-U	3/4 Hol + 1/4 Gir	1678.23	66%
244	NEBULOSA IMPERADOR BAXTER MORAIS MARTINS	6811-P	3/4 Hol + 1/4 Gir	1677.52	50%
245	SOBERANA LINS	T-0751	1/2 Hol + 1/2 Gir	1677.26	58%
246	PANTHEON PROLAT SAFIRA FIV	5248-K	1/2 Hol + 1/2 Gir	1676.58	60%
247	TAGARELA LINS	8235-A	3/4 Hol + 1/4 Gir	1675.58	67%
248	BARBIE FIV SANCHEZ PF	B-4161	5/8 Hol + 3/8 Gir	1673.70	63%
249	IJAIA AFTERSHOCK FIV DA BOA FE	8698-K	5/8 Hol + 3/8 Gir	1673.66	67%
250	BIANCA FIV BLITZ GINGA SINA	146	3/4 Hol + 1/4 Gir	1673.54	66%
251	LENDA FIV BOLTON MORADA CORINTHIANA	B-0585	5/8 Hol + 3/8 Gir	1671.21	70%
252	CANDIDA MOSCOW FIV DO CONDE	3170-K	1/2 Hol + 1/2 Gir	1666.97	66%
253	DICA FIV BLITZ DA TROPICAL	9383-AD	1/2 Hol + 1/2 Gir	1666.70	59%
254	CANÇÃO BLITZ FIV DO CONDE	3197-K	1/2 Hol + 1/2 Gir	1666.66	78%
255	SONECA FIV DA PEZ	5661-V	1/2 Hol + 1/2 Gir	1663.62	63%
256	BOLINA 6 FIDELITY COMAPI	9334-N	1/2 Hol + 1/2 Gir	1662.74	55%
257	BEAUTY FIV BLITZ FIBRA SINA	78	3/4 Hol + 1/4 Gir	1661.30	65%
258	ICH K161 CANELA LEGEND	887	3/4 Hol + 1/4 Gir	1658.07	64%
259	CERTEZA FIV WILDMAN DA SIANINHA	3478-T	1/2 Hol + 1/2 Gir	1657.85	62%
260	PERSIA FIV KENYO	8645-H	1/2 Hol + 1/2 Gir	1657.17	79%
261	BRAVESA FIV AGROOPEGEN	9304-T	1/2 Hol + 1/2 Gir	1656.94	79%
262	CHALANA AVALON RIB.MONTE ALEGRE	2396-X	5/8 Hol + 3/8 Gir	1655.61	67%
263	PANTHEON PROLAT FADA FIV	9525-X	1/2 Hol + 1/2 Gir	1655.61	60%
264	JANAINA FIV GENGIS KHAN RANCHO DO RO	0818-U	1/4 Hol + 3/4 Gir	1655.01	64%
265	GAIA WILDMAN FIV LE	8274-Q	1/2 Hol + 1/2 Gir	1654.40	64%
266	HERA FIV DA PRATA JAC	0594-Q	5/8 Hol + 3/8 Gir	1653.71	70%
267	LOGICA LUKE TE F.MUTUM	A-0820	5/8 Hol + 3/8 Gir	1653.48	60%
268	014 FIV SANCHEZ DA ANTA	6777-P	1/2 Hol + 1/2 Gir	1652.56	64%
269	SKOL WILDMAN FIV DA NETE	1553-K	1/2 Hol + 1/2 Gir	1650.02	79%
270	FELA LAFE 251 ABENÇOADA BLITZ FIV	9741-AI	1/2 Hol + 1/2 Gir	1648.16	61%
271	CASTANHOLA AFTERSHOCK FIV DA XAPETUBA	5100-N	5/8 Hol + 3/8 Gir	1647.85	70%
272	CEDILHA AFTERSHOCK FIV DA XAPETUBA	9695-Y	1/2 Hol + 1/2 Gir	1647.61	63%
273	INAE SANCHEZ FIV BOA FE	8644-K	5/8 Hol + 3/8 Gir	1647.19	68%
274	ESTRELINHA FIV DA PEZ	5689-V	1/2 Hol + 1/2 Gir	1645.99	61%
275	OLIMPIA GABINETE FIV JM MONTE ALVERNE	1727-I	1/2 Hol + 1/2 Gir	1645.09	59%
276	EMILIA FIV ALAMBARI	4116-U	1/2 Hol + 1/2 Gir	1644.73	62%
277	CERQUEIRA MONUMENT ONCA	3715-T	3/4 Hol + 1/4 Gir	1644.54	62%
278	AFRICA DA SLS	3149-Z	3/4 Hol + 1/4 Gir	1643.22	65%
279	SALOBO LINDY	2102-L	1/2 Hol + 1/2 Gir	1642.68	64%
280	ESPIGA BRADLEY FIV DA M.MILAGROSA	6748-L	1/2 Hol + 1/2 Gir	1640.80	70%
281	ICH NAD BRADNICK	4157-AJ	5/8 Hol + 3/8 Gir	1640.67	63%
282	OPOSIÇÃO FIV RIO DO LEITE	6535-AK	1/2 Hol + 1/2 Gir	1639.96	54%
283	FOCA FIV AFTERSHOCK AMARELA JMFP	7603-I	1/2 Hol + 1/2 Gir	1639.79	77%
284	ELEITA BELDADE CANCUM NOVA TERRA	7890-Y	5/8 Hol + 3/8 Gir	1636.98	54%

(To be continued...)

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
285	MANUELLY FIV CORREGO BRANCO	5303-L	1/4 Hol + 3/4 Gir	1636.57	58%
286	CHELSEI FIV DA PRATA JAC	0593-Q	5/8 Hol + 3/8 Gir	1634.63	76%
287	ANATA 3 FIV COMAPI	0383-Y	1/2 Hol + 1/2 Gir	1634.15	64%
288	ESCALA AFTERSHOCK FIV DA XAPETUBA	5897-U	3/4 Hol + 1/4 Gir	1633.26	66%
289	CLEOPATRA BLITZ FIV DO CONDE	3174-K	1/2 Hol + 1/2 Gir	1632.91	77%
290	BARBARA SANSÃO DE NAYLO	5461-I	1/2 Hol + 1/2 Gir	1632.90	63%
291	SERTANEJA BLITZ FIV ONCA	3764-T	1/2 Hol + 1/2 Gir	1632.18	69%
292	PANDORA DOLMAN CAFALLONI	2000-C	3/4 Hol + 1/4 Gir	1630.59	67%
293	PACOCA VALINHOS	9938-P	3/4 Hol + 1/4 Gir	1630.47	68%
294	FOLHAGEM FIV CAL	2926-N	1/2 Hol + 1/2 Gir	1630.41	63%
295	BRANCA DE NEVE FIV BLITZ FAC	2508-S	3/4 Hol + 1/4 Gir	1629.46	62%
296	LUANDA MONUMENT ONCA	3680-T	3/4 Hol + 1/4 Gir	1628.59	62%
297	GALILEIA JOCKO FIV WTF DA ESTIVA	4312-Q	5/8 Hol + 3/8 Gir	1627.60	71%
298	MARA DUQUE BOA FE	9145-U	3/4 Hol + 1/4 Gir	1626.68	55%
299	OMISSÃO FIV RIO DO LEITE	6536-AK	1/2 Hol + 1/2 Gir	1625.50	54%
300	J.E.L. RANCHO GRANDE BAXTER IRIA TE	0190-Y	3/4 Hol + 1/4 Gir	1625.31	60%
301	ARQUITETA BRADLEY FIV DA XAPETUBA	9925-I	1/2 Hol + 1/2 Gir	1625.11	65%
302	PANTHEON PROLAT ANADIA FIV	9732-AC	1/2 Hol + 1/2 Gir	1624.03	61%
303	PIABA SANSÃO JGVA	S-6956	1/2 Hol + 1/2 Gir	1623.29	64%
304	INDOMADA FIV WILDMAN BON.BELEM	6686-AA	1/2 Hol + 1/2 Gir	1622.62	65%
305	ICH MOÇINHA TOYOTA	7759-M	3/4 Hol + 1/4 Gir	1622.39	61%
306	ENÉRGICA BRADNICK FIV F.CONGONHAS	2881-W	1/2 Hol + 1/2 Gir	1620.41	62%
307	BB MILK NUGGET ESPELHO	4325-AD	1/4 Hol + 3/4 Gir	1619.70	63%
308	IAIA FIV WILDMAN BON.BELEM	7321-AA	3/4 Hol + 1/4 Gir	1619.53	62%
309	ZARA FIV BLITZ FR RECREIO	B-3459	5/8 Hol + 3/8 Gir	1619.03	66%
310	GAIA PARAMOUNT DA VARGEM RICA	9666-R	3/4 Hol + 1/4 Gir	1618.99	71%
311	CATIRA TOUCHDOWN FIV DO CONDE	8024-J	1/2 Hol + 1/2 Gir	1618.60	69%
312	MIRA 95 FIV DAS ARABIAS II	3393-N	1/2 Hol + 1/2 Gir	1618.03	77%
313	CANCHA AFTERSHOCK FIV DA XAPETUBA	6235-R	1/2 Hol + 1/2 Gir	1617.92	64%
314	BRAÚNA BRADNICK MW DA POVARIN	1178-T	1/2 Hol + 1/2 Gir	1615.99	60%
315	LANA FIV LOU CANELA 539 SINA	3903-N	3/4 Hol + 1/4 Gir	1615.60	69%
316	CEPLECHA GV5	8897-P	1/2 Hol + 1/2 Gir	1615.44	62%
317	DINDINHA FIV DO FREI GALVAO	1991-T	1/4 Hol + 3/4 Gir	1614.85	63%
318	MALANDRA LINS	AA-7724	3/4 Hol + 1/4 Gir	1614.21	49%
319	ELEIÇÃO FIV JAGUAR SANTA LUZIA	0785-V	1/4 Hol + 3/4 Gir	1613.69	63%
320	ESTUFA FIV ALAMBARI	7162-N	1/2 Hol + 1/2 Gir	1613.26	79%
321	REUNIDAS HD EFENDI 13721 TEATRO	0050-X	1/2 Hol + 1/2 Gir	1612.85	77%
322	PANTHEON PROLAT GRECIA FIV	0801-S	1/2 Hol + 1/2 Gir	1612.39	60%
323	CITRICA LINS	AM-5051	3/4 Hol + 1/4 Gir	1612.01	69%
324	BARCA SHOTTLE FIV MITU	0452-I	5/8 Hol + 3/8 Gir	1610.68	77%
325	ESCOCIA PLANET FIV DA XAPETUBA	0509-V	1/2 Hol + 1/2 Gir	1609.80	63%
326	HEROINA BRADLEY VILAREJO FIV	3311-AC	1/2 Hol + 1/2 Gir	1609.45	62%
327	MONICA BLITZ FIV ONCA	3757-T	1/2 Hol + 1/2 Gir	1609.35	78%
328	TPSR 391 DAFNE	4812-V	1/2 Hol + 1/2 Gir	1607.64	62%
329	BONINHA FIV SHOTTLE DA TROPICAL	B-3950	5/8 Hol + 3/8 Gir	1606.33	73%
330	KAMUELA FIV TEATRO CAFALLONI	7974-N	1/2 Hol + 1/2 Gir	1605.35	74%
331	BOLADA WILDMAN FIV POLITRIZ	9249-AF	1/2 Hol + 1/2 Gir	1603.63	61%
332	BOLACHA INDIANA	AQ-0053	3/4 Hol + 1/4 Gir	1602.15	70%
333	ISAR AFTERSHOCK FIV DA BOA FE	8686-K	5/8 Hol + 3/8 Gir	1601.26	69%
334	INANA CORREGO BRANCO	4562-F	3/4 Hol + 1/4 Gir	1600.95	64%
335	FABULA FIV F.CRUZEIRO	0760-M	1/2 Hol + 1/2 Gir	1600.89	78%
336	SHRTC BEIJAR KATHY JAGUAR FIV 65	4126-Z	1/2 Hol + 1/2 Gir	1600.20	59%
337	0075 TEATRO GRF DA MEDALHA MILAGROSA	5274-AE	1/4 Hol + 3/4 Gir	1598.15	64%
338	AFRICANA FIV AFTERSHOCK SANTA LUZIA	1659-S	3/4 Hol + 1/4 Gir	1598.06	71%
339	BETA MOSCOW WTF DA ESTIVA	0118-S	5/8 Hol + 3/8 Gir	1597.52	67%
340	NANI FIV DA PRATA JAC	0587-Q	5/8 Hol + 3/8 Gir	1596.18	68%
341	DINA BRADNICK FIV F.CONGONHAS	7897-Q	5/8 Hol + 3/8 Gir	1594.17	64%
342	PROMISE BRADLEY SANTA LUZIA	5676-J	3/4 Hol + 1/4 Gir	1593.14	75%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
343	HEXANIA FIV DO BASA	5950-M	1/2 Hol + 1/2 Gir	1592.27	61%
344	FIESTA TE DO R.GRANDE	AQ-0713	3/4 Hol + 1/4 Gir	1591.10	64%
345	LABAREDA HPJ	X-5661	1/2 Hol + 1/2 Gir	1591.00	67%
346	PORCELANA FIV SANSÃO RANCHO TUNIN	1464-X	1/4 Hol + 3/4 Gir	1590.91	61%
347	DRICA FIV ALAMBARI	2669-Y	1/2 Hol + 1/2 Gir	1589.12	64%
348	FERA BRADNICK FIV ONCA	6331-AB	1/2 Hol + 1/2 Gir	1588.71	60%
349	MARCACA SANSÃO FIV DO FAZENDÃO	B-7823	1/4 Hol + 3/4 Gir	1587.59	70%
350	QUITINHA DO BASA	AQ-8474	3/4 Hol + 1/4 Gir	1587.51	72%
351	AMOROSA FIV SHOTTLE SANTA LUZIA	7708-J	3/4 Hol + 1/4 Gir	1585.59	61%
352	ICH MAMA ATWOOD	7830-M	3/4 Hol + 1/4 Gir	1584.68	67%
353	PANTHEON PROLAT ESTONIA FIV	0804-S	1/2 Hol + 1/2 Gir	1584.43	60%
354	RANI BLITZ FIV LE	2718-L	1/2 Hol + 1/2 Gir	1583.35	77%
355	EVELINE PLANET FIV DA XAPETUBA	6005-U	1/2 Hol + 1/2 Gir	1582.92	59%
356	RELIQUIA BUZIOS DA VARGEM RICA	0186-X	1/4 Hol + 3/4 Gir	1582.52	72%
357	HAVAINA FIV SANSÃO DELIB	8003-X	1/4 Hol + 3/4 Gir	1582.03	63%
358	ISABELA FIV DA PEZ	5673-V	1/2 Hol + 1/2 Gir	1581.73	61%
359	SINETA DA CENTROGEN FIV	9108-Z	1/2 Hol + 1/2 Gir	1579.35	65%
360	BELGA RAIZES FIV FUNDÃO	2763-P	1/2 Hol + 1/2 Gir	1577.36	57%
361	ETIQUETA FIV LINS	8810-I	1/2 Hol + 1/2 Gir	1576.87	76%
362	AVENTURA OLINDA FIV RANCHO TUNIN	9528-Y	5/8 Hol + 3/8 Gir	1575.89	65%
363	ZIRCONIA BUZIOS WTF DA ESTIVA	C-2185	3/8 Hol + 5/8 Gir	1575.75	57%
364	CACAPAVA FRUITA 3E	S-1464	1/2 Hol + 1/2 Gir	1575.44	73%
365	BARBARA BLITZ SANTA LUZIA	6552-L	3/4 Hol + 1/4 Gir	1575.42	72%
366	TPSR DARÃ	4796-V	1/2 Hol + 1/2 Gir	1573.93	62%
367	CHAMA BRADLEY FIV DO CONDE	3155-K	1/2 Hol + 1/2 Gir	1573.47	78%
368	ARRAIA WILDMAN FIV DA APRAZIVEL	5606-N	1/2 Hol + 1/2 Gir	1573.35	61%
369	SARA BOLTON ONCA	7289-AM	5/8 Hol + 3/8 Gir	1573.02	61%
370	BALINHA FIV SHOTLLE DA TROPICAL	4347-K	5/8 Hol + 3/8 Gir	1572.31	65%
371	FAMA FIV AFTERSHOCK AMARELA	7606-I	1/2 Hol + 1/2 Gir	1572.09	77%
372	DONATELA FIV SHOTTLE M.MILAGROSA	6739-L	5/8 Hol + 3/8 Gir	1570.76	67%
373	438 DO BOM DESTINO	3127-F	1/4 Hol + 3/4 Gir	1570.65	72%
374	CIDALIA COLONIA AFTERSHOCK N.TERRA	0911-W	5/8 Hol + 3/8 Gir	1570.27	69%
375	DANDARA LAJEANTE INDIANA	8639-Q	1/2 Hol + 1/2 Gir	1570.20	61%
376	GEORGIA FIV SANCHEZ DA HELENA	6659-W	5/8 Hol + 3/8 Gir	1569.39	68%
377	ICH LASCA SEGREDO	3805-N	1/4 Hol + 3/4 Gir	1568.64	66%
378	PERCIA JAGUAR FIV MONASTERIO	6136-F	1/2 Hol + 1/2 Gir	1568.31	64%
379	PRIMAVERA FIV AFTESHOOCK SANTA LUZIA	3390-Z	1/2 Hol + 1/2 Gir	1565.80	61%
380	RAINHA BIXIA JAGUAR FIV TS DA MUQUEM	8275-K	1/4 Hol + 3/4 Gir	1565.19	67%
381	ELIETE JOA CANCUM NOVA TERRA	7891-Y	3/4 Hol + 1/4 Gir	1564.59	56%
382	TRANSOL FIV 0047	3547-A	1/2 Hol + 1/2 Gir	1563.06	61%
383	BOLINA 7 FIDELITY COMAPI	9329-N	1/2 Hol + 1/2 Gir	1563.00	55%
384	MONARCA FIV BLITZ SANTA LUZIA	9701-F	1/2 Hol + 1/2 Gir	1562.40	79%
385	DINHA BRADLEY FIV MAUA	2504-L	1/2 Hol + 1/2 Gir	1562.12	61%
386	DIADEMA FIV WILDMAN RS DO RANCHO ALEGRE	0652-P	3/4 Hol + 1/4 Gir	1561.58	68%
387	ASIATICA MOSCOW FIV WTF DA ESTIVA	4569-J	5/8 Hol + 3/8 Gir	1561.21	70%
388	GABRIELY FIV BRADLEY SANTA LUZIA	6591-L	3/4 Hol + 1/4 Gir	1560.15	62%
389	CARLOTA BRADLEY FIV DA XAPETUBA	792	1/2 Hol + 1/2 Gir	1559.81	65%
390	BRAUNA FIV VALE OURO CAIO	9593-O	1/2 Hol + 1/2 Gir	1558.86	61%
391	FLORENÇA BLITZ FIV WTF DA ESTIVA	9582-AB	3/4 Hol + 1/4 Gir	1558.59	68%
392	LOURA FIV PLANET SANTA LUZIA	1292-AB	1/2 Hol + 1/2 Gir	1558.04	59%
393	JOIA RARA SANSÃO VOLTA FRIA	0184-T	1/4 Hol + 3/4 Gir	1557.08	64%
394	FÁBULA BLITZ FIV BFSR	7970-AH	1/2 Hol + 1/2 Gir	1557.02	59%
395	ODALISCA 4329 DEBATE NF IRMAOS	AC-4821	1/2 Hol + 1/2 Gir	1555.97	67%
396	CIRANDA WILDMAN FIV DO CONDE	7924-K	1/2 Hol + 1/2 Gir	1555.87	79%
397	RESSACA DAS ARABIAS	AD-4319	3/4 Hol + 1/4 Gir	1555.66	70%
398	ACUAR F	V-5428	1/2 Hol + 1/2 Gir	1554.98	51%
399	PENELOPE RS DO RANCHO ALEGRE	2563-A	3/4 Hol + 1/4 Gir	1554.55	68%

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
400	IMAGEM BLITZ ALEGRE	B-5375	5/8 Hol + 3/8 Gir	1554.27	64%
401	DOMADA FIV F.CRUZEIRO	4380-B	1/2 Hol + 1/2 Gir	1553.42	62%
402	PICANHA FIV WILDMAN SANTA LUZIA	2423-AF	3/4 Hol + 1/4 Gir	1553.31	67%
403	AMIR TE MARAMBAIA	5740-G	1/2 Hol + 1/2 Gir	1553.16	67%
404	BAILARINA WILDMAN FIV F. MUTUM	AG-2606	1/2 Hol + 1/2 Gir	1553.13	64%
405	BRANDA SANSÃO FIV TS DA MUQUEM	2618-S	1/4 Hol + 3/4 Gir	1552.76	63%
406	CARISMA BALADA SANSÃO NOVA TERRA	8503-J	1/4 Hol + 3/4 Gir	1552.59	65%
407	DINDAIA TEATRO SA BELA VISTA FIV	8711-D	1/2 Hol + 1/2 Gir	1551.15	68%
408	BRIGIT BRADLEY FIV M.VERDE	0807-S	1/2 Hol + 1/2 Gir	1551.04	64%
409	LUNA FIV WILDMAN FEROLLA	6570-O	1/2 Hol + 1/2 Gir	1550.60	64%
410	JADISHA FIV BLITZ VOLTA FRIA	7230-K	1/2 Hol + 1/2 Gir	1549.90	78%
411	ATENA FIV TEBARROT	0055-Q	1/4 Hol + 3/4 Gir	1549.68	62%
412	APOSTA FIV F.CRUZEIRO	0283-J	1/2 Hol + 1/2 Gir	1548.68	64%
413	ANDALUZITA 2013 TABOO SBA	5248-X	3/4 Hol + 1/4 Gir	1548.57	61%
414	AMARELA FIV F.CRUZEIRO	0772-M	1/2 Hol + 1/2 Gir	1548.28	80%
415	ENERGIA BERNADETE CANCUM NOVA TERRA	7971-AK	3/4 Hol + 1/4 Gir	1547.12	54%
416	CILENE WILDMAN IA DA XAPETUBA	1400-H	3/4 Hol + 1/4 Gir	1547.00	64%
417	ASSIMA BRINCADEIRA BLITZ	7993-P	5/8 Hol + 3/8 Gir	1546.90	66%
418	MODA FIV DA PRATA JAC	0590-Q	5/8 Hol + 3/8 Gir	1546.54	67%
419	FELA 245 FACINORA BLITZ FIV	5416-J	1/2 Hol + 1/2 Gir	1545.48	77%
420	ICH MALVA PARAMOUNT	8511-U	5/8 Hol + 3/8 Gir	1544.53	65%
421	LULU FIV TEATRO JAVA	5779-V	1/2 Hol + 1/2 Gir	1544.03	62%
422	SEIVA FIV VALINHOS	8515-R	5/8 Hol + 3/8 Gir	1543.98	65%
423	HIPI BRADLEY VILAREJO FIV	9314-T	1/2 Hol + 1/2 Gir	1543.48	61%
424	AMEIXA HG.	594	1/4 Hol + 3/4 Gir	1543.42	74%
425	0235 STAN F	V-4587	1/2 Hol + 1/2 Gir	1543.34	61%
426	CAIENA SHOTTLE FIV F.CONGONHAS	1330-Q	1/2 Hol + 1/2 Gir	1543.00	66%
427	RAPOSA DA BX SHOTTLE Y	5358-N	5/8 Hol + 3/8 Gir	1542.92	63%
428	4156 PALMA	5994-R	1/2 Hol + 1/2 Gir	1542.88	62%
429	ARUBA ESTEVES	AD-2220	1/2 Hol + 1/2 Gir	1542.52	61%
430	ELEXIA FIV DSIL	3031-M	1/2 Hol + 1/2 Gir	1542.36	60%
431	OSTRA DA CENTROGEN FIV	AF-0131	1/2 Hol + 1/2 Gir	1542.06	63%
432	CATIRA AFTERSHOK FIV DA XAPETUBA	5847-U	1/2 Hol + 1/2 Gir	1541.62	66%
433	ACACA SANSÃO DO FAZENDAO	B-7827	1/4 Hol + 3/4 Gir	1540.63	65%
434	REUNIDAS HD TROIA FIV 13733 WILDMAN	8035-L	5/8 Hol + 3/8 Gir	1539.63	64%
435	BARCELONA IMPERADOR JOCKO WTF DA ESTIVA	0138-S	Puro Sintético	1536.87	55%
436	ESFERA PLANET FIV DA XAPETUBA	5993-U	1/2 Hol + 1/2 Gir	1536.13	58%
437	VICOSA SANSÃO FIV JJC	C-0323	1/4 Hol + 3/4 Gir	1535.32	65%
438	VITAMINA BRADLEY SANTA LUZIA	2137-C	1/2 Hol + 1/2 Gir	1534.13	69%
439	ATENAS SANSÃO FIV SABV	7544-O	1/4 Hol + 3/4 Gir	1534.04	64%
440	LIGEIRA FIV AFTERSHOCK SANTA LUZIA	0667-V	3/4 Hol + 1/4 Gir	1534.02	63%
441	FRANGINHA DENBY TE MATO PRETO	AM-1080	3/4 Hol + 1/4 Gir	1533.70	67%
442	AGENDA AUGUSTA FIV DA APRAZIVEL	5604-N	1/2 Hol + 1/2 Gir	1533.32	57%
443	POMADA TE ANGICO	AK-7771	3/4 Hol + 1/4 Gir	1533.06	66%
444	BARCELONA FIV DA PEZ	5692-V	1/2 Hol + 1/2 Gir	1532.98	61%
445	JHESSY SANCHEZ FIV DA BOA FE	8498-K	5/8 Hol + 3/8 Gir	1532.36	67%
446	MILEIDE FIV SANSÃO BARBARA 1217 FUBE	7780-AD	1/4 Hol + 3/4 Gir	1532.34	65%
447	ASCENCAO BRADLEY FIV DA XAPETUBA	9025-H	1/2 Hol + 1/2 Gir	1531.87	79%
448	RACHAPAU DOROTI CASTELO 1531	5086-AE	1/2 Hol + 1/2 Gir	1531.31	73%
449	CAMPONESA INDIANA	0348-C	3/4 Hol + 1/4 Gir	1530.40	68%
450	GRAZI WILDMAN DA NETE FIV	1579-AN	1/2 Hol + 1/2 Gir	1529.80	64%
451	COMEDIA BLITZ DO CONDE	3153-K	3/4 Hol + 1/4 Gir	1529.80	72%
452	ENIGMA BRADNICK FIV DA XAPETUBA	5862-U	1/2 Hol + 1/2 Gir	1528.86	61%
453	FORMULA ZORO TANNUS	1339-Q	3/4 Hol + 1/4 Gir	1528.00	57%
454	JABUTICABA FADORR BOA FE	2829-N	3/4 Hol + 1/4 Gir	1527.88	55%
455	A.R.K EMPERRADA SANSÃO FIV F.CONGONHAS	9973-W	1/2 Hol + 1/2 Gir	1527.78	61%
456	FELA 313 AQUARELA WILDMAN FIV	0051-M	1/2 Hol + 1/2 Gir	1527.55	65%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
457	AMORA DA ADRIBEL	A-7538	5/8 Hol + 3/8 Gir	1527.30	61%
458	LAFE 254 FACINORA BLITZ FIV	6923-A0	1/2 Hol + 1/2 Gir	1527.01	62%
459	REUNIDAS HD FENICIA 14353 WILDMAN FIV	0830-M	1/2 Hol + 1/2 Gir	1525.53	78%
460	GLAMOUR FIV SHOTTLE DELIB	B-5417	5/8 Hol + 3/8 Gir	1525.22	64%
461	1817 DA JP AGROPECUARIA	6901-R	1/2 Hol + 1/2 Gir	1524.95	63%
462	ESPANHA BRADNICK FIV DA XAPETUBA	5903-U	1/2 Hol + 1/2 Gir	1524.44	61%
463	REUNIDAS HD LUCENA 14037 FIV	7964-L	1/2 Hol + 1/2 Gir	1523.89	78%
464	VINGANÇA BLITZ ESTIVA FIV TS DA MUQUEM	9481-Y	1/2 Hol + 1/2 Gir	1523.57	60%
465	EARLA FIV SHOTTLE DA TROPICAL	3231-G	5/8 Hol + 3/8 Gir	1523.47	65%
466	CONQUISTA JURIST SANTA LUZIA	AJ-9164	3/4 Hol + 1/4 Gir	1523.43	62%
467	SANDY SALTO I	B-3087	5/8 Hol + 3/8 Gir	1523.35	66%
468	JANDIRA FIV BRADLEY SANTA LUZIA	4991-V	1/2 Hol + 1/2 Gir	1522.43	61%
469	ICH LINHAÇA MAGOT	4209-K	5/8 Hol + 3/8 Gir	1522.36	56%
470	CAMILA COLONIA SANCHEZ NOVA TERRA	8515-J	5/8 Hol + 3/8 Gir	1521.90	67%
471	CHACARA CHARLES FIV ONCA	7478-AM	5/8 Hol + 3/8 Gir	1521.87	58%
472	MARUJA GABOR FIV F MUTUM	5068-Q	1/2 Hol + 1/2 Gir	1521.84	52%
473	DENUNCIA REFUGIO WTF DA ESTIVA	C-2574	1/4 Hol + 3/4 Gir	1520.91	73%
474	0104 BONANZA ARISTEIA SANTA LUCCIA	X-9169	1/2 Hol + 1/2 Gir	1520.64	74%
475	LAIKA BOLTON DOM NATO	B-6070	5/8 Hol + 3/8 Gir	1520.63	73%
476	EVA SANTA LUZIA	9884-F	1/2 Hol + 1/2 Gir	1520.48	77%
477	COPA POLO OG	K-8878	3/4 Hol + 1/4 Gir	1520.47	63%
478	ÉTNA AFTERSHOCK FIV DA XAPETUBA	5867-U	1/2 Hol + 1/2 Gir	1520.31	61%
479	JULIA FIV CASTELO RANCHO DO RO	0212-T	1/4 Hol + 3/4 Gir	1520.13	66%
480	RBB BABY WILDMAN FIV	5113-Y	1/2 Hol + 1/2 Gir	1520.01	63%
481	BOLINHA FIV BLITZ DA TROPICAL	9727-A	1/2 Hol + 1/2 Gir	1519.52	59%
482	ICH K137 IGALA TORPEDO	860	3/4 Hol + 1/4 Gir	1519.03	66%
484	RICA BUZIOS WTF DA ESTIVA	6627-E	3/8 Hol + 5/8 Gir	1518.93	53%
483	EVANIZA FIV WILDMAN GAM	7594-U	3/4 Hol + 1/4 Gir	1518.83	63%
485	POMPÉIA WILDMAN FIV S OLIVEIRA	0374-Q	1/2 Hol + 1/2 Gir	1517.09	62%
486	LAFE 309 AQUARELA SANCHEZ FIV	8232-K	1/2 Hol + 1/2 Gir	1516.22	64%
487	CAMPONESA BRADLEY FIV DA XAPETUBA	829	1/2 Hol + 1/2 Gir	1515.73	63%
488	JOIA FIV DA PRATA JAC	0588-Q	5/8 Hol + 3/8 Gir	1515.39	67%
489	MARGARIDA FIV G-JM	C-1454	1/4 Hol + 3/4 Gir	1514.96	64%
490	LINDA FIV BOLTON MORADA CORINTHIANA	B-0586	5/8 Hol + 3/8 Gir	1514.81	61%
491	GAROA FIV BLITZ ZBR LIMEIRA	0872-U	1/2 Hol + 1/2 Gir	1514.23	62%
492	TPSR DUELISTA	4788-V	1/2 Hol + 1/2 Gir	1514.20	62%
493	CADENCIA WILDMAN RS DO RANCHO ALEGRE	2300-M	3/4 Hol + 1/4 Gir	1513.79	73%
494	ENGENHO DA RAINHA BETTA	AD-1907	1/2 Hol + 1/2 Gir	1512.64	69%
495	CANELA WILDMAN FIV DA XAPETUBA	800	1/2 Hol + 1/2 Gir	1512.37	66%
496	PRINCESA TERRA VERMELHA TE	2652-M	3/4 Hol + 1/4 Gir	1512.14	67%
497	HARPA BRADLEY VILAREJO FIV	7725-T	1/2 Hol + 1/2 Gir	1512.09	64%
498	SABRINA FIV DA PEZ	5687-V	1/2 Hol + 1/2 Gir	1511.98	61%
499	ICH K140 CANELA LEGEND	864	3/4 Hol + 1/4 Gir	1511.95	64%
500	ANARA 3 SHOTTLE FIV COMAPI	170	1/2 Hol + 1/2 Gir	1510.90	61%
501	GANHADORA CONVINCER DO FAZENDAO	AE-8157	3/4 Hol + 1/4 Gir	1510.85	67%
502	FAVA FIV BLITZ STT	1347	5/8 Hol + 3/8 Gir	1510.84	58%
503	J.E.L. RANCHO GRANDE WILDMAN INDIRA FIV	0199-Y	3/4 Hol + 1/4 Gir	1509.15	64%
504	BAHAMAS 3 SHOTTLE FIV COMAPI	6140-AA	1/2 Hol + 1/2 Gir	1508.69	62%
505	LUNA WILDMAN FIV RANCHO TUNIN	1457-X	5/8 Hol + 3/8 Gir	1507.04	65%
506	DELAMARE BRADNICK FIV F.CONGONHAS	3546-P	5/8 Hol + 3/8 Gir	1506.91	64%
507	CARABINA CANVAS BAC	5948-H	3/4 Hol + 1/4 Gir	1506.65	60%
508	TPSR DANDARA FIV	6106-AG	1/2 Hol + 1/2 Gir	1506.52	62%
509	COLINA DIAMOND FIV ITUVERAVA	2621-S	5/8 Hol + 3/8 Gir	1506.31	62%
510	LAIFE FIV CORREGO BRANCO RIO DO LEITE	8910-N	3/4 Hol + 1/4 Gir	1506.23	65%
511	AYDA BRADLEY FIV DA XAPETUBA	9015-H	1/2 Hol + 1/2 Gir	1506.09	61%
512	LITUANIA INDIANA	8575-Q	3/4 Hol + 1/4 Gir	1505.91	64%
513	CIRLENE FIV LEITURA WILDMAN DA SANQUIT	3006-K	1/2 Hol + 1/2 Gir	1505.34	62%

(To be continued...)

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
514	ALBANY BRADLEY FIV DA XAPETUBA	9954-I	1/2 Hol + 1/2 Gir	1504.87	64%
515	SPARTHA WILDMAN BAC	8341-O	3/4 Hol + 1/4 Gir	1504.75	65%
516	VIOLA AVALON SANTA LUZIA	3367-Z	3/4 Hol + 1/4 Gir	1504.29	61%
517	MARAVILHA FIV DOS ROSSI	3473-R	1/2 Hol + 1/2 Gir	1503.87	59%
518	REUNIDAS HD ABADIANA 13974 FIV	7988-L	5/8 Hol + 3/8 Gir	1502.48	62%
519	BRUMELA FIV F.CRUZEIRO	5155-N	1/2 Hol + 1/2 Gir	1502.14	60%
520	BITELA FIV WILDMAN LR DA CACHOEIRINHA	5304-T	1/2 Hol + 1/2 Gir	1501.92	80%
521	BETA BAXTER F. MUTUM	6408-V	3/4 Hol + 1/4 Gir	1501.81	60%
522	RAQUEL BRADLEY SANTA LUZIA	7882-J	3/4 Hol + 1/4 Gir	1500.57	73%
523	DIVA DENBY AUREOS	B-4498	5/8 Hol + 3/8 Gir	1500.57	57%
524	PAMONHA FIV PARAMOUNT INDIANA	9153-Q	1/2 Hol + 1/2 Gir	1500.56	63%
525	ENERGIA FIV WILDMAN RBR	5884-I	1/2 Hol + 1/2 Gir	1500.07	65%
526	DALILA PROVINCIANA 997 SANSÃO NOVA TERRA	5789-V	1/2 Hol + 1/2 Gir	1499.22	62%
527	CANETA BLITZ FIV DO CONDE	3191-K	1/2 Hol + 1/2 Gir	1498.27	77%
528	ASPA FIV MEGATON MUTUM	4001-O	1/2 Hol + 1/2 Gir	1498.02	61%
529	ELOÁ FIV WILDMAN BRIGITTA RS DO RANCHO ALEGRE	0615-P	3/4 Hol + 1/4 Gir	1497.66	66%
530	BIBIANA FIV SANSÃO DA TROPICAL	7323-G	1/4 Hol + 3/4 Gir	1497.32	74%
531	CARAVANA BRADLEY FIV DA XAPETUBA	8390-AG	1/2 Hol + 1/2 Gir	1497.18	63%
532	GUTA FIV DA PRATA JAC	0586-Q	5/8 Hol + 3/8 Gir	1497.13	70%
533	DONATELA WILDMAN FIV MAUÁ	9423-T	3/4 Hol + 1/4 Gir	1496.95	63%
534	ARTE ZORO TANNUS	4606-O	3/4 Hol + 1/4 Gir	1496.83	59%
535	BEKA FIV PARAMOUNT LR DA CACHOEIRINHA	8317-AJ	1/2 Hol + 1/2 Gir	1496.11	63%
536	10 SAN GIORGIO	2814-X	1/2 Hol + 1/2 Gir	1496.05	56%
537	REUNIDAS HD OBRA PRIMA FIV 13732 TEATRO	0764-M	1/2 Hol + 1/2 Gir	1495.81	74%
538	INTERNET FIV PLANET SANTA LUZIA	4647-X	1/2 Hol + 1/2 Gir	1495.50	57%
539	ELYDA BRAXTON FIV BRIGITTA RS DO RANCHO ALEGRE	8637-J	3/4 Hol + 1/4 Gir	1494.74	63%
540	ENGENHO DA RAINHA BRUNA	AF-1054	1/2 Hol + 1/2 Gir	1494.64	65%
541	EFECACA SANSÃO DO FAZENDAO	B-7824	1/4 Hol + 3/4 Gir	1494.48	65%
542	ATREVIDA AFTERSHOCK SANTA LUZIA	1269-AD	3/4 Hol + 1/4 Gir	1494.19	62%
543	RBB BENOITE AFTERSHOCK FIV	5108-Y	1/2 Hol + 1/2 Gir	1494.06	60%
544	122 FCL BLITZ FIV WTF DA ESTIVA	0639-X	3/4 Hol + 1/4 Gir	1493.49	71%
545	CONQUISTA WILDMAN FIV DO CONDE	3173-K	1/2 Hol + 1/2 Gir	1493.45	66%
546	WIND FIV WILDMAN FIBRA SINA	83	3/4 Hol + 1/4 Gir	1493.24	67%
547	RBB ARYANA 4 WILDMAN FIV	1262-V	1/2 Hol + 1/2 Gir	1493.14	63%
548	LAFE 284 BALADA SANSÃO FIV	4686-V	1/4 Hol + 3/4 Gir	1493.13	67%
549	DEUSA DUPLEX OASIS DA DIVISA	9855-X	3/4 Hol + 1/4 Gir	1493.04	56%
550	GAROUPA FIV DO BASA	5409-M	1/2 Hol + 1/2 Gir	1492.69	61%
551	RIHANA FIV KENYO	3154-W	1/2 Hol + 1/2 Gir	1492.53	59%
552	HEBINA FIV DO BASA	5423-M	1/2 Hol + 1/2 Gir	1491.92	61%
553	MELISSA FIV METEOR SANTA LUZIA	9761-AD	3/4 Hol + 1/4 Gir	1491.92	60%
554	PROSA SHOTTE FIV FZD	8684-I	5/8 Hol + 3/8 Gir	1491.88	69%
555	ASSIMA BRONZEADA BLITZ	2579-J	3/4 Hol + 1/4 Gir	1491.18	58%
556	GARAPA FIV DO BASA	3289-U	1/2 Hol + 1/2 Gir	1491.09	63%
557	TPSR DELAMAR	4801-V	1/2 Hol + 1/2 Gir	1490.59	62%
558	LUA WILDMAN FIV F MUTUM	9576-L	1/2 Hol + 1/2 Gir	1489.87	62%
559	NIKITA FIV JAGUAR 1054 FUBE	8597-U	1/2 Hol + 1/2 Gir	1489.56	61%
560	CELESTE SABIA 2R JATAI	2396-O	Puro Sintético	1488.37	60%
561	ASSIMA BRASILEIRA CHORAL	6735-I	1/2 Hol + 1/2 Gir	1488.18	64%
562	HELEN BOLTON SANTA LUZIA	B-0395	5/8 Hol + 3/8 Gir	1487.89	70%
563	GUILHERMINA WILDMAN FIV LE	0739-Y	1/2 Hol + 1/2 Gir	1487.56	64%
564	AURORA FIV BETHANIA	4485-F	1/2 Hol + 1/2 Gir	1487.47	77%
565	CEGONHA BLITZ FIV DO CONDE	3192-K	1/2 Hol + 1/2 Gir	1487.39	59%
566	MAGIA FIV AFTERSHOCK SANTA LUZIA	3316-Z	1/2 Hol + 1/2 Gir	1487.34	62%
567	EXTRAORDINARIA FIV DA PEZ	5678-V	1/2 Hol + 1/2 Gir	1486.93	61%
568	CHUMBADA FIV DA PEZ	5668-V	1/2 Hol + 1/2 Gir	1486.57	63%
569	ABIXIA BIXIA JAGUAR FIV E.N.T	5265-I	1/4 Hol + 3/4 Gir	1486.41	69%
570	BLU MICKEY MINIE 776	AJ-4016	3/4 Hol + 1/4 Gir	1486.23	53%
571	GRANADA APPLAUSE INDIANA	8600-Q	3/4 Hol + 1/4 Gir	1486.17	72%

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
572	850 LR DA CACHOEIRINHA	5277-E	1/2 Hol + 1/2 Gir	1485.50	77%
573	DENISE WILDMAN FIV DA XAPETUBA	3534-U	1/2 Hol + 1/2 Gir	1485.07	78%
574	SANTINHA TEATRO FIV ONCA	6371-AB	1/4 Hol + 3/4 Gir	1484.87	65%
575	FONTANA JAGUAR FIV DA IFQ	8150-R	1/2 Hol + 1/2 Gir	1484.62	62%
576	TEL ANISTIA FIV DA SLG	2547-O	3/4 Hol + 1/4 Gir	1484.51	60%
577	CONVICTA BLITZ JJC	8097-J	3/4 Hol + 1/4 Gir	1484.50	59%
578	ESCALA BERNADETE CUNCUN NOVA TERRA	7906-Y	3/4 Hol + 1/4 Gir	1484.45	54%
579	ICH JOSIBEL DIE-HARD	3879-N	3/4 Hol + 1/4 Gir	1484.32	75%
580	TPSR 0332 DALVA FIV	7560-O	1/2 Hol + 1/2 Gir	1483.98	62%
581	BEATRIZ DA SLS	AE-8889	1/2 Hol + 1/2 Gir	1483.24	66%
582	ENGENHO DA RAINHA BRIGITTA	AD-1409	1/2 Hol + 1/2 Gir	1482.98	74%
583	DACHA CHORAL IA DA XAPETUBA	5060-N	3/4 Hol + 1/4 Gir	1482.59	65%
584	ANGRA FIV M.VERDE	6710-I	1/2 Hol + 1/2 Gir	1481.69	60%
585	FINA ESTAMPA FIV WILDMAN DO CASARAO	8518-O	3/4 Hol + 1/4 Gir	1481.65	62%
586	OFERTA DA CENTROGEN TE	AE-7860	1/2 Hol + 1/2 Gir	1481.45	61%
587	IBERICA JAGUAR JM MONTE ALVERNE	2587-AG	1/2 Hol + 1/2 Gir	1481.27	72%
588	TPSR ERVA FIV	1129-AB	1/2 Hol + 1/2 Gir	1478.75	58%
589	ABELHA 2008 DORNE DA NF IRMAOS	7815-Y	3/4 Hol + 1/4 Gir	1478.21	59%
590	GARAPA BOLTON BELU	8239-T	3/4 Hol + 1/4 Gir	1477.73	63%
591	TPSR269 CARINA FIV	8487-J	1/2 Hol + 1/2 Gir	1477.57	62%
592	FRATA MONUMENT FIV DA MEDALHA MILAGROSA	9403-Q	3/4 Hol + 1/4 Gir	1476.97	60%
593	POLIANA BLITZ FIV ONCA	1878	5/8 Hol + 3/8 Gir	1476.91	63%
594	BARCELONA DA LFF	1982-G	3/4 Hol + 1/4 Gir	1476.86	61%
595	AMELIA FIV SHOTTLE SANTA LUZIA	5653-J	3/4 Hol + 1/4 Gir	1476.70	61%
596	ECÍLIA DOBERMAN FIV DA MEDALHA MILAGROSA	0780-W	1/2 Hol + 1/2 Gir	1476.44	63%
597	743 DA LIMEIRA	Y-7936	1/2 Hol + 1/2 Gir	1476.42	36%
598	COMPLETA LR DA CACHOEIRINHA	5263-T	3/4 Hol + 1/4 Gir	1476.30	55%
599	ANGELICA FIV SANTA LUZIA	5620-J	3/4 Hol + 1/4 Gir	1476.26	70%
600	LAFE 286 BALADA SANSÃO FIV	9306-T	1/4 Hol + 3/4 Gir	1476.22	64%
601	RENATA BLITZ FIV ONCA	ONCA1876	5/8 Hol + 3/8 Gir	1476.12	63%
602	RBB ADELFA WILDMAN FIV	RBB0090	3/4 Hol + 1/4 Gir	1476.10	63%
603	RBB BULGARA WILDMAN FIV	5056-Y	1/2 Hol + 1/2 Gir	1475.75	63%
604	NAPOLITANA FIV AFTERSHOCK INDEPENDENCIA	8931-AB	3/4 Hol + 1/4 Gir	1475.61	62%
605	VILENA BLITZ FIV ONCA	5387-N	1/2 Hol + 1/2 Gir	1475.37	66%
606	JUNINA FIV BRADLEY VOLTA FRIA	7646-K	1/2 Hol + 1/2 Gir	1475.01	65%
607	CANARIA BRADLEY FIV DA XAPETUBA	5096-N	1/2 Hol + 1/2 Gir	1474.56	78%
608	BERNADETE ALEXANDER ONCA	3656-T	3/4 Hol + 1/4 Gir	1474.31	64%
609	MARISA WILDMAN SANTA LUZIA	5227-S	3/4 Hol + 1/4 Gir	1474.17	71%
610	CALIFORNIA FIV PLANET SANTA LUZIA	4650-X	1/2 Hol + 1/2 Gir	1474.06	59%
611	DULCE DOLMAN-TE SANTA LUZIA	4364-N	3/4 Hol + 1/4 Gir	1473.72	64%
612	PADIOLA KINGLY SANTA LUZIA	1620-S	3/4 Hol + 1/4 Gir	1472.83	68%
613	ARGILA WILDMAN FIV DA APRAZIVEL	5608-N	1/2 Hol + 1/2 Gir	1472.57	61%
614	DELMIRA DOLMAN SANTA LUZIA	7737-J	3/4 Hol + 1/4 Gir	1472.56	67%
615	DONZELA SANSÃO FIV F.CONGONHAS	7966-AI	1/4 Hol + 3/4 Gir	1472.51	62%
616	EVELIN ZORO TANNUS	0024-J	1/2 Hol + 1/2 Gir	1471.86	72%
617	FALADA METEOR FIV DA XAPETUBA	9716-Y	1/2 Hol + 1/2 Gir	1471.22	62%
618	JAVA FIV CHORAL VOLTA FRIA	7233-K	1/2 Hol + 1/2 Gir	1470.59	59%
619	960 ARUSCA FIV LR DA CACHOEIRINHA	4784-M	1/2 Hol + 1/2 Gir	1470.51	68%
620	ATENAS AFTERSHOCK FIV NOVA FÉ	3182-Q	5/8 Hol + 3/8 Gir	1469.37	67%
621	TROMBETA TE SALTO I	1546-AP	5/8 Hol + 3/8 Gir	1469.23	65%
622	TPSR DÉLTAN	4851-V	1/2 Hol + 1/2 Gir	1468.94	64%
623	ANANUA TURBANTE DAS ARABIAS	A-5810	5/8 Hol + 3/8 Gir	1468.69	70%
624	BLUE FIV BLITZ FIBRA SINA	3410-E	3/4 Hol + 1/4 Gir	1468.08	68%
625	ICH JOCASTA	8501-A	3/4 Hol + 1/4 Gir	1466.64	70%
626	EMANUELLY AFTERSHOCK FIV FABRIGEN	9487-Y	3/4 Hol + 1/4 Gir	1466.05	61%
627	CHACACA SANSÃO FIV DO FAZENDAO	B-7822	1/4 Hol + 3/4 Gir	1465.89	69%
628	ICH LIBIA	3798-N	3/4 Hol + 1/4 Gir	1465.67	61%

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
629	ELOAH FIV SANSÃO GAM	7596-U	1/4 Hol + 3/4 Gir	1465.26	63%
630	ARGENTINA 2L DA RESSACA	AH-7100	3/4 Hol + 1/4 Gir	1465.02	66%
631	ONEIDA FIV RIO DO LEITE	6532-AK	1/2 Hol + 1/2 Gir	1464.53	54%
632	WATER FIV WILDMAN FIBRA SINA	3411-E	3/4 Hol + 1/4 Gir	1463.49	65%
633	GRANADA FIV WILDMAN ACG	1762-M	5/8 Hol + 3/8 Gir	1463.31	61%
634	MAISENA CHARMOSO INDIANA	9170-Q	3/4 Hol + 1/4 Gir	1463.15	64%
635	GLOBELEZA FIV JAGUAR SJ LALU	2180-R	1/2 Hol + 1/2 Gir	1463.04	64%
636	FLAMULA JAGUAR FIV DA IFQ	8982-O	1/2 Hol + 1/2 Gir	1463.00	62%
637	REUNIDAS HD NAPOLITANA 14223 AFTERSHOCK FIV	0818-M	1/2 Hol + 1/2 Gir	1462.95	77%
638	AZALÉIA FIV DA PALMA	9734-J	1/2 Hol + 1/2 Gir	1462.61	67%
639	OLINDA TERRA VERMELHA	1040-G	1/4 Hol + 3/4 Gir	1462.60	71%
640	568 AFTERSHOCK DO BOM DESTINO	0232-S	5/8 Hol + 3/8 Gir	1460.82	65%
641	BEATRIZ BARBARA JAGUAR FIV TS DA MUQUEM	7927-L	1/4 Hol + 3/4 Gir	1460.42	64%
642	BELLA FIV PLANET SANTA LUZIA	4632-X	1/2 Hol + 1/2 Gir	1460.37	59%
643	PAOLA FIV WILDMAN INDIANA	9123-Q	1/2 Hol + 1/2 Gir	1460.30	63%
644	ETIENNE METEOR FIV DA XAPETUBA	5368-AF	1/2 Hol + 1/2 Gir	1460.14	58%
645	MADONA TE DA TERRA VERMELHA	AM-1350	3/4 Hol + 1/4 Gir	1459.74	66%
646	IANE FIV BRADLEY BON BELÉM	0941-L	3/4 Hol + 1/4 Gir	1459.71	65%
647	HILLARY FIV MONUMENT DELIB	3981-J	5/8 Hol + 3/8 Gir	1459.62	73%
648	CROACIA MOSCOW DO CONDE	5094-I	3/4 Hol + 1/4 Gir	1459.42	58%
649	RACHAPAU BRISA TEATRO 1457 FIV	9918-X	1/2 Hol + 1/2 Gir	1459.37	72%
650	DAMA RAIZES FIV FUNDAO	3192-Z	1/2 Hol + 1/2 Gir	1459.34	58%
651	PRECIOSA FARSANO MARIA SANTISSIMA	8560-AG	5/8 Hol + 3/8 Gir	1459.21	50%
652	MARAVILHA PARAMOUNT FIV WTF DA ESTIVA	5943-N	5/8 Hol + 3/8 Gir	1459.08	66%
653	BARBATANA JAGUAR FIV DO CONDE	3956-I	1/4 Hol + 3/4 Gir	1458.90	62%
654	ANGEL FIV BRADLEY SANTA LUZIA	0841-V	3/4 Hol + 1/4 Gir	1458.78	65%
655	ABA BIXIA JAGUAR FIV E.N.T	5370-I	1/4 Hol + 3/4 Gir	1458.73	68%
656	CHAIRA FIV BRADLEY AGM TRIUNFO	8162-R	1/2 Hol + 1/2 Gir	1458.41	61%
657	KASSANDRA FIV JERRICK SANTA LUZIA	4949-S	1/2 Hol + 1/2 Gir	1457.85	62%
658	JOELITA FIV WILDMAN OBGH	0999-M	1/2 Hol + 1/2 Gir	1457.71	62%
659	SETIBA WILDMAN DA NETE FIV	6129-AF	1/2 Hol + 1/2 Gir	1457.55	79%
660	CALDEIRA BALADA SANSÃO NOVA TERRA	8504-J	1/4 Hol + 3/4 Gir	1457.19	64%
661	CABANA 3 BRADNICK COMAPI	2893-V	1/2 Hol + 1/2 Gir	1457.07	61%
662	BAKER FIV BLITZ FIBRA SINA	76	3/4 Hol + 1/4 Gir	1456.98	65%
663	ALFY CAYUABA BUCK HORTENCIA	AM-9698	3/4 Hol + 1/4 Gir	1456.56	50%
664	ESGRIMA FIV WILDMAN RBR	5890-I	1/2 Hol + 1/2 Gir	1456.13	65%
665	DOLLY SANSÃO SANTA LUCCIA	V-0354	1/2 Hol + 1/2 Gir	1455.59	59%
666	ERMELINDA MERGULHAO	AD-1407	1/2 Hol + 1/2 Gir	1454.98	52%
667	MELODIA 2 JINTX 5 ESTRELAS	B-2837	5/8 Hol + 3/8 Gir	1454.65	58%
668	CATROIA WILDMAN FIV DO CONDE	5093-I	1/2 Hol + 1/2 Gir	1454.08	66%
669	GARCA BUZIOS WTF DA ESTIVA	8464-G	1/4 Hol + 3/4 Gir	1453.82	71%
670	DORMIDEIRA JM MONTE ALVERNE	AF-4013	1/2 Hol + 1/2 Gir	1452.50	66%
671	ORBITA BLITZ FIV JM MONTE ALVERNE	1643-I	3/4 Hol + 1/4 Gir	1452.09	71%
672	VIRGINIA MARSHALL SANTA LUZIA	AQ-7619	3/4 Hol + 1/4 Gir	1451.86	68%
673	ARTEMIS WILDMAN TANNUS	0043-J	3/4 Hol + 1/4 Gir	1451.24	75%
674	LAIKA SHOTTLE FIV I ROLAND	3906-P	1/2 Hol + 1/2 Gir	1451.21	61%
675	TPSR DUTRA	4805-V	1/2 Hol + 1/2 Gir	1450.97	61%
676	DONATA WILDMAN FIV MAUÁ	4372-N	3/4 Hol + 1/4 Gir	1450.94	72%
677	CENTENARIO EXCLUSIVA SANCHEZ DA NF IRMAOS	7806-Y	3/4 Hol + 1/4 Gir	1450.88	65%
678	VICOSA FR RECREIO	B-4054	5/8 Hol + 3/8 Gir	1450.81	59%
679	ARABITES FIV WILDMAN SANTA LUZIA	4990-S	1/2 Hol + 1/2 Gir	1450.75	78%
680	ICH MAMI BRENDA	9973-V	3/4 Hol + 1/4 Gir	1450.18	56%
681	REUNIDAS HD ARIRANHA 13977 FIV	0783-M	1/2 Hol + 1/2 Gir	1449.50	78%
682	VENUS FR RECREIO	A-8597	5/8 Hol + 3/8 Gir	1448.85	63%
683	ROMANA BARBANTE RPM SANTO ANTONIO	AD-6669	1/2 Hol + 1/2 Gir	1448.61	62%
684	1647 DA JP AGROPECUARIA	3287-S	1/2 Hol + 1/2 Gir	1448.41	65%
685	RUANA CASPER FIV TS DA MUQUEM	8279-K	1/4 Hol + 3/4 Gir	1448.39	58%

(To be continued...)

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
686	DEISE FIV SANSÃO BON.BELEM	AG-1703	1/2 Hol + 1/2 Gir	1447.91	59%
687	FIAMA FIV DO BASA	9942-Q	1/2 Hol + 1/2 Gir	1447.82	64%
688	ESCAMA BRAXTON FIV F.CONGONHAS	7934-Q	1/2 Hol + 1/2 Gir	1447.39	60%
689	ANJELINA BRADNICK FIV ONCA	3668-T	1/2 Hol + 1/2 Gir	1447.31	65%
690	GIRADA BRILHANTE FIV DA MEDALHA MILAGROSA	9396-Q	1/4 Hol + 3/4 Gir	1447.05	61%
691	920 ACUCENA FIV LR DA CACHOEIRINHA	5982-J	1/2 Hol + 1/2 Gir	1446.96	80%
692	XUXA CUIABA DA SANQUIT	4970-E	3/4 Hol + 1/4 Gir	1446.77	50%
693	PAMELA DA CENTROGEN FIV	0805-D	1/2 Hol + 1/2 Gir	1446.44	61%
694	ANCORA 2 FIV SHOTTLE COMAPI	5199-AA	1/2 Hol + 1/2 Gir	1446.28	62%
695	1586A INDIANA	SNFN1462	3/4 Hol + 1/4 Gir	1445.60	60%
696	NECTAR LINS	AJ-7315	3/4 Hol + 1/4 Gir	1445.52	64%
697	BOTIQUE BALTIMOR JM NOVO HORIZONTE	0568-V	1/2 Hol + 1/2 Gir	1445.22	54%
698	BURITI FIV FR RECREIO	4955-J	1/2 Hol + 1/2 Gir	1444.87	77%
699	DEDICADA BLITZ FRUTUOSO	5614-AA	5/8 Hol + 3/8 Gir	1444.80	59%
700	AMIGDALA 2006 DORNE DA NF IRMAOS	7780-Y	3/4 Hol + 1/4 Gir	1444.58	56%
701	SERENA FIV GABINETE 1072 FUBE	8675-U	1/2 Hol + 1/2 Gir	1444.49	57%
702	ICH LURIA SEGREDO	3809-N	1/4 Hol + 3/4 Gir	1444.03	66%
703	FRONTEIRA FIV BRADLEY ZBR LIMEIRA	9751-F	1/2 Hol + 1/2 Gir	1443.95	76%
704	TPSR 0331 DANI FIV	4754-V	1/2 Hol + 1/2 Gir	1443.38	64%
705	J.E.L.RANCHO GRANDE SHAMROCK LUCY TE	0175-Y	3/4 Hol + 1/4 Gir	1443.30	59%
706	BAILA FIV FR RECREIO	0303-J	1/2 Hol + 1/2 Gir	1443.17	78%
707	EMBALADA PLANET FIV DA XAPETUBA	5996-U	1/2 Hol + 1/2 Gir	1442.32	60%
708	CATITA 2 VALE OURO FIV ONCA	7215-AM	1/4 Hol + 3/4 Gir	1441.29	60%
709	BARONESA FIV FR RECREIO	6259-N	5/8 Hol + 3/8 Gir	1440.87	72%
710	LORAINA FIV CORREGO BRANCO RIO DO LEITE	8923-N	1/2 Hol + 1/2 Gir	1440.78	64%
711	FLUENCIA FIV CAL	2917-N	1/2 Hol + 1/2 Gir	1440.65	63%
712	FANTASIA BLITZ FIV LE	5667-R	1/2 Hol + 1/2 Gir	1440.52	61%
713	SAVANA ALTAMETEOR INDIANA	8747-AI	1/2 Hol + 1/2 Gir	1439.73	58%
714	QUINTANA FIV PLANET VR	7173-I	1/2 Hol + 1/2 Gir	1439.56	62%
715	CLASSE FIV JAGUAR SANTA LUZIA	6492-L	1/4 Hol + 3/4 Gir	1439.33	66%
716	IRONIA II FIV AFTERSHOCK DELIB	8029-N	5/8 Hol + 3/8 Gir	1439.33	65%
717	RICACA SANSÃO DO FAZENDAO	B-7825	1/4 Hol + 3/4 Gir	1439.30	66%
718	BELA FIV METEOR INDIANA	3484-Y	1/2 Hol + 1/2 Gir	1438.43	58%
719	TEQUILA MAIA CORREA	2348-Q	5/8 Hol + 3/8 Gir	1438.37	69%
720	BABEL 7 KIAN COMAPI	9306-N	1/2 Hol + 1/2 Gir	1438.17	52%
721	RECORDISTA MEGATON WTF DA ESTIVA	B-1656	5/8 Hol + 3/8 Gir	1438.02	66%
722	MIMOSA FIV AFTERSHOCK VOLTA FRIA	0503-U	5/8 Hol + 3/8 Gir	1437.72	67%
723	LISTENIA FIV MONUMENT SANTA LUZIA	1464-S	1/2 Hol + 1/2 Gir	1437.02	62%
724	MBF BECA BLITZ FIV	3199-K	1/2 Hol + 1/2 Gir	1436.49	75%
725	BOCAIUVA F	X-6788	1/2 Hol + 1/2 Gir	1436.22	53%
726	FELICIDADE FIV CAL	2867-N	1/2 Hol + 1/2 Gir	1436.05	64%
727	FOTO FIV CAL	2883-N	1/2 Hol + 1/2 Gir	1435.67	65%
728	CALCUTA BOLTON FIV STT	B-5530	5/8 Hol + 3/8 Gir	1435.36	60%
729	FRANGINHA SANSÃO FIV DA IFQ	8799-O	1/2 Hol + 1/2 Gir	1435.06	66%
730	TPSR DUPRAT	4816-V	1/2 Hol + 1/2 Gir	1434.98	60%
731	1768 DA JP AGROPECUARIA	6946-R	1/2 Hol + 1/2 Gir	1434.89	63%
732	GAUCHA CANVAS BAC	7017-K	3/4 Hol + 1/4 Gir	1434.73	64%
733	ISABELLA FIV TEATRO SASSI RS DO RANCHO ALEGRE	0628-P	1/2 Hol + 1/2 Gir	1434.51	65%
734	J.E.L. RANCHO GRANDE BAXTER ILARIA TE	0200-Y	3/4 Hol + 1/4 Gir	1434.27	62%
735	TPSR DRÁQUILA	1081-AB	1/2 Hol + 1/2 Gir	1433.90	60%
736	ASSIMA BOSSA NOVA BLITZ	5367-N	5/8 Hol + 3/8 Gir	1433.18	63%
737	AGATA FIV CASPER SANTA LUZIA	4588-N	1/4 Hol + 3/4 Gir	1432.72	59%
738	MURALHA BLITZ FIV ONCA	9251-AF	5/8 Hol + 3/8 Gir	1432.71	64%
739	ANDRADAS TE JERRICK SANTA LUZIA	4579-N	3/4 Hol + 1/4 Gir	1432.50	62%
740	EXPECTATIVA GOLDWYN FIV F.CONGONHAS	0417-V	1/2 Hol + 1/2 Gir	1432.35	65%
741	LABAREDA 4 TN GAM	2703-Y	1/2 Hol + 1/2 Gir	1432.34	56%
742	ESPÁDUA METEOR FIV DA XAPETUBA	8894-AI	1/2 Hol + 1/2 Gir	1431.56	57%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
743	3687 FIV SANTA LUZIA	2656-T	1/2 Hol + 1/2 Gir	1431.34	60%
744	QUIMICA FIV PLANET VR	8431-T	1/2 Hol + 1/2 Gir	1431.32	62%
745	DONATA WILDMAN FIV MAUÁ	2487-L	3/4 Hol + 1/4 Gir	1431.26	72%
746	FOLHA TE DO R.GRANDE	AN-8728	3/4 Hol + 1/4 Gir	1431.22	60%
747	ÁRI FIV BLITZ PORTEIRA AZUL	9617-AG	1/2 Hol + 1/2 Gir	1431.02	60%
748	DALVA FIV SANSÃO BON.BELEM	AE-5161	1/2 Hol + 1/2 Gir	1430.65	64%
749	DARIANA FIV ALAMBARÍ	8751-K	1/2 Hol + 1/2 Gir	1430.60	62%
750	PAELHA FIV PLANET VR	7169-I	1/2 Hol + 1/2 Gir	1430.21	59%
751	HALTEZA FIV DO BASA	5960-M	1/2 Hol + 1/2 Gir	1430.17	61%
752	ROMANA BLITZ FIV LE	8824-B	1/2 Hol + 1/2 Gir	1430.13	60%
753	ESTAÇÃO FIV WILDMAN SANTA LUZIA	1714-S	1/2 Hol + 1/2 Gir	1429.92	77%
754	ERANA DOBERMAN FIV DA MEDALHA MILAGROSA	4740-X	1/2 Hol + 1/2 Gir	1429.88	62%
755	RAIKA REFUGIO WTF DA ESTIVA	2228-Y	1/2 Hol + 1/2 Gir	1429.84	70%
756	JUA FIV BRADNICK DA MU-MU	9068-Y	1/2 Hol + 1/2 Gir	1429.82	60%
757	J.E.L.RANCHO GRANDE METEOR LINDA FIV	8755-AJ	3/4 Hol + 1/4 Gir	1429.80	60%
758	CIUME FIV WILDMAN MNAS	0235-V	1/2 Hol + 1/2 Gir	1429.78	65%
759	ATRIBIDA AFTERSHOCK OASIS DA DIVISA	9851-X	1/2 Hol + 1/2 Gir	1429.44	62%
760	GAZELA GARTER TE GAMA	1651-X	5/8 Hol + 3/8 Gir	1429.43	59%
761	DUNA FIV TEATRO DA IFQ	1146-L	1/2 Hol + 1/2 Gir	1429.43	65%
762	SALOBO LIMA	2136-L	1/2 Hol + 1/2 Gir	1429.37	61%
763	LINHAGEM LORD LILY TE WTF ESTIVA	B-0059	5/8 Hol + 3/8 Gir	1429.04	69%
764	MABELLE FIV TEATRO	5112-I	1/4 Hol + 3/4 Gir	1428.81	64%
765	LEOCADIA FR RECREIO	A-6248	1/4 Hol + 3/4 Gir	1428.67	58%
766	ICH JUVENA MARCUS ET	696	3/4 Hol + 1/4 Gir	1428.44	59%
767	ICH HORTA MILLENIUM	B-3914	5/8 Hol + 3/8 Gir	1428.32	68%
768	FRIGIDA BRADLEY FIV DO BASA	0603-U	1/2 Hol + 1/2 Gir	1428.26	60%
769	QUARELLA FIV PLANET VR	7166-I	1/2 Hol + 1/2 Gir	1427.88	62%
770	EMILE ALTAMETEOR FIV M.VERDE	6352-R	1/2 Hol + 1/2 Gir	1427.67	58%
771	COLMEIA WILDMAN FIV DO CONDE	3948-I	1/2 Hol + 1/2 Gir	1427.56	68%
772	ALELUIA SANSÃO FIV SABV	7536-O	1/4 Hol + 3/4 Gir	1427.19	64%
773	SELMA DA CENTROGEN FIV	7749-T	3/4 Hol + 1/4 Gir	1425.64	66%
774	MOCINHA APPLAUSE GAP PARAISO	8145-G	3/4 Hol + 1/4 Gir	1425.44	69%
775	ELIZABETE FIV ALAMBARÍ	2100-N	1/2 Hol + 1/2 Gir	1425.38	80%
776	GUABIROBA CANVAS SANTA LUZIA	AN-5710	3/4 Hol + 1/4 Gir	1425.22	69%
777	LINDAURA FIV SHAMROCK SANTA LUZIA	0767-V	1/2 Hol + 1/2 Gir	1425.15	59%
778	FASCISTA OBSERVER F.CONGONHAS	2050-AC	5/8 Hol + 3/8 Gir	1425.15	56%
779	BRUNA I FIV MYTO	7056-R	3/4 Hol + 1/4 Gir	1424.95	61%
780	HEDELINA FIV DO BASA	5297-M	1/2 Hol + 1/2 Gir	1424.74	62%
781	FELA 230 GARDENIA BLITZ FIV	5406-J	1/2 Hol + 1/2 Gir	1424.56	76%
782	DELANA FIV SHOTTLE DA M.MILAGROSA	6870-L	3/4 Hol + 1/4 Gir	1424.52	64%
783	JPZ DUANE HOMESTEAD MARAIA FIV	AO-9073	3/4 Hol + 1/4 Gir	1424.32	65%
784	REUNIDAS HD EFEBIA TEATRO	0768-M	1/2 Hol + 1/2 Gir	1423.74	77%
785	RAPE PYREX ONCA	AA-3835	1/2 Hol + 1/2 Gir	1423.30	52%
786	BATINA SHOTTLE FIV F.CONGONHAS	0281-K	3/4 Hol + 1/4 Gir	1423.15	70%
787	LUDMYLA FIV RIO DO LEITE	5234-L	1/4 Hol + 3/4 Gir	1422.85	67%
788	BRIOSA 7 FIDELITY COMAPI	9326-N	1/2 Hol + 1/2 Gir	1422.63	55%
789	ANTENA FIV SALTO I	5664-AB	1/4 Hol + 3/4 Gir	1422.12	63%
790	SALOBO LORETA	3326-S	3/4 Hol + 1/4 Gir	1422.06	62%
791	ONÉLIA FIV RIO DO LEITE	9594-AE	1/2 Hol + 1/2 Gir	1421.59	60%
792	CALINA WILDMAN FIV DA XAPETUBA	9691-Y	1/2 Hol + 1/2 Gir	1421.55	63%
793	ELEKA DOBERMAN FIV DA MEDALHA MILAGROSA	0778-W	1/2 Hol + 1/2 Gir	1421.30	62%
794	DASLU FIV SHOTTLE DA M.MILAGROSA	6880-L	3/4 Hol + 1/4 Gir	1421.25	64%
795	SALOBO MARIE FIV	5718-AB	1/2 Hol + 1/2 Gir	1420.92	59%
796	BB MILK CARAVELA WILDMAN FIV	3757-P	1/2 Hol + 1/2 Gir	1420.59	64%
797	AMOROSA AUGUSTA DOS IPES	0492-Z	1/2 Hol + 1/2 Gir	1420.29	49%
798	RBB BILARA 17 BRADNICK FIV	6098-AA	1/2 Hol + 1/2 Gir	1419.72	59%
799	JPZ MAIARA SANSÃO LABAREDA FIV	5297-T	1/4 Hol + 3/4 Gir	1419.58	66%

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
800	1009 BETA FIV LR DA CACHOEIRINHA	5298-T	1/2 Hol + 1/2 Gir	1419.53	79%
801	SALOBO LAMBRETA	2089-L	1/2 Hol + 1/2 Gir	1419.08	61%
802	REUNIDAS HD BANDEIRA 14821 WILDMAN FIV	3322-U	3/4 Hol + 1/4 Gir	1418.80	59%
803	DESENHADA WILDMAN TANNUS	1338-Q	3/4 Hol + 1/4 Gir	1418.47	71%
804	BB MILK MARIA S VITORIOSA SANSÃO FIV	1066-I	1/2 Hol + 1/2 Gir	1418.22	63%
805	BELA JAGUAR FENIX LC	1823-I	1/2 Hol + 1/2 Gir	1418.18	73%
806	TRANSOL FIV 0031	3511-A	1/2 Hol + 1/2 Gir	1418.04	63%
807	PILAR DA CENTROGEN FIV	9597-O	3/4 Hol + 1/4 Gir	1417.85	60%
808	DAGMAR SANCHEZ FIV DA XAPETUBA	5063-N	1/2 Hol + 1/2 Gir	1417.68	65%
809	GALERIA PLANET FIV I ROLAND	5281-Y	1/2 Hol + 1/2 Gir	1417.43	57%
810	FÓRMULA BRADNICK FIV BERTA RS DO RANCHO ALEGRE	9277-T	3/4 Hol + 1/4 Gir	1417.29	63%
811	SERTANEJA FIV SHAMROCK SANTA LUZIA	2301-AF	3/4 Hol + 1/4 Gir	1417.26	60%
812	CORAL GOLDWYN FIV F. CONGONHAS	7765-AG	1/2 Hol + 1/2 Gir	1416.65	65%
813	FRANCA TE DO R.GRANDE	AQ-0718	3/4 Hol + 1/4 Gir	1416.36	64%
814	VEREDA SOLIDO WTF DA ESTIVA	4313-Q	3/4 Hol + 1/4 Gir	1416.21	62%
815	INVEJOSA SANSÃO FIV TS DA MUQUEM	7661-Z	1/4 Hol + 3/4 Gir	1415.76	63%
816	JPZ EKENA HOMESTEAD MARAIA FIV	AO-9074	3/4 Hol + 1/4 Gir	1415.20	65%
817	JOSEANE FIV WILDMAN BON.BELEM	8438-O	3/4 Hol + 1/4 Gir	1415.02	63%
818	ALELUIA 451 JAGUAR FIV JM MONTE ALVERNE	0364-X	1/4 Hol + 3/4 Gir	1414.82	63%
819	0579 FIV MORADA CORINTHIANA	6494-R	5/8 Hol + 3/8 Gir	1414.80	70%
820	QUARTINHA SHOTTLE DA BX Y	5373-N	3/4 Hol + 1/4 Gir	1414.44	69%
821	BADRIYA BRADLEY FIV DA XAPETUBA	3307-AN	3/4 Hol + 1/4 Gir	1414.42	71%
822	ESTIMATIVA MODELO SANTA LUZIA	Z-2658	1/2 Hol + 1/2 Gir	1413.75	76%
823	BOA VISTA AVALON INDIANA	9191-Q	3/4 Hol + 1/4 Gir	1413.65	65%
824	ADY FORNADA FIV WILDMAN	3093-J	1/2 Hol + 1/2 Gir	1413.37	62%
825	J.E.L.RANCHO GRANDE SHOTTLE JABUTICABA TE	9508-Q	3/4 Hol + 1/4 Gir	1412.90	63%
826	RBB ARYANA WILDMAN FIV	1284-V	1/2 Hol + 1/2 Gir	1412.74	63%
827	ICH FESTEIRA THEO	9641-A	3/4 Hol + 1/4 Gir	1412.32	65%
828	TRANSOL FIV 0043	3488-A	1/2 Hol + 1/2 Gir	1411.92	62%
829	LAFE 183 ABOBORA FIV	3559-U	1/2 Hol + 1/2 Gir	1411.82	64%
830	886 LR DA CACHOEIRINHA	4989-E	3/4 Hol + 1/4 Gir	1411.37	73%
831	ARGELIA FIV M.VERDE	6251-AJ	1/2 Hol + 1/2 Gir	1411.30	66%
832	ARMENIA BLITZ FIV DO CONDE	AE-8289	1/2 Hol + 1/2 Gir	1411.15	68%
833	INGENUA NEGUNDO DO FAZENDAO	AG-5016	3/4 Hol + 1/4 Gir	1410.86	60%
834	GANHADORA FIV DO BASA	5410-M	1/2 Hol + 1/2 Gir	1410.57	62%
835	MOGIANA FIV BRADLEY SANTA LUZIA	5683-J	3/4 Hol + 1/4 Gir	1410.56	74%
836	BASHEERA WILDMAN FIV DA XAPETUBA	5242-AF	5/8 Hol + 3/8 Gir	1410.50	77%
837	AMERICA BLITZ FIV DO CONDE	AE-8292	1/2 Hol + 1/2 Gir	1410.47	63%
838	PUMA WILDMAN SERTAO	B-6368	5/8 Hol + 3/8 Gir	1410.33	72%
839	REUNIDAS HD ADEGA 14772 WILDMAN FIV	3430-U	1/2 Hol + 1/2 Gir	1409.88	63%
840	CELTTA 11 BRADNICK COMAPI	2890-V	1/2 Hol + 1/2 Gir	1409.75	62%
841	BALSA FIV VALE OURO CAIO	8889-Y	1/2 Hol + 1/2 Gir	1409.07	63%
842	GREGA BRADLEY ONCA	5461-AA	3/4 Hol + 1/4 Gir	1408.89	59%
843	PIABA FIV MORADA CORINTHIANA	1189-Q	3/4 Hol + 1/4 Gir	1408.81	66%
844	MBF BRISA BRADLEY FIV	8413-D	1/2 Hol + 1/2 Gir	1408.81	78%
845	MIZ KINGLY SANTA LUZIA	1260-AD	3/4 Hol + 1/4 Gir	1408.80	65%
846	FERRARI FIV CAL	2873-N	1/2 Hol + 1/2 Gir	1408.79	66%
847	PANTHEON PROLAT INDIA FIV	5115-AE	1/2 Hol + 1/2 Gir	1408.12	60%
848	EMBAIXATRIZ IOTA FIV DA XAPETUBA	XAP1355	3/4 Hol + 1/4 Gir	1407.99	57%
849	TPSR 0378 DÉBORA FIV	7575-O	5/8 Hol + 3/8 Gir	1407.90	64%
850	MUSA SANCHEZ DOM NATO	0602-V	5/8 Hol + 3/8 Gir	1407.59	67%
851	TPSR 0317 CATARINA FIV	7601-O	1/2 Hol + 1/2 Gir	1407.49	64%
852	JADI FIV AFTERSHOCK JASMIN 1701 FUBE	9636-X	1/2 Hol + 1/2 Gir	1407.26	61%
853	RAINHA BRADLEY SANTA LUZIA	7719-J	3/4 Hol + 1/4 Gir	1407.21	73%
854	TPSR DURA FIV	6105-AG	1/2 Hol + 1/2 Gir	1407.02	60%
855	CALIFORNIA TEATRO FIV WTF DA ESTIVA	0633-X	1/2 Hol + 1/2 Gir	1407.02	73%
856	CHANDRA FIV PAULINHA BRADLEY DA SANQUIT	4894-M	1/2 Hol + 1/2 Gir	1406.96	66%

(To be continued...)

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
857	CARAIBA BOLTON FIV STT	B-3343	5/8 Hol + 3/8 Gir	1406.95	60%
858	AGRINALHA 3 WILDMAN COMAPI	6352-AD	1/2 Hol + 1/2 Gir	1406.38	65%
859	RAINA QUILATE DO FAZENDAO	A-9569	1/4 Hol + 3/4 Gir	1405.62	72%
860	N867/1 FIV SBA	5232-X	1/2 Hol + 1/2 Gir	1405.42	66%
861	LILI SHOTTLE FIV ONCA	4989-AN	1/2 Hol + 1/2 Gir	1405.30	69%
862	DAIRA FIV ALAMBARI	8760-K	1/2 Hol + 1/2 Gir	1405.19	63%
863	DITA FIV ALAMBARI	4288-I	1/2 Hol + 1/2 Gir	1405.11	64%
864	RBC GEMADA SHOTTLE	9554-L	3/4 Hol + 1/4 Gir	1405.02	62%
865	CORSA GOLDWYN FIV F.CONGONHAS	5769-V	1/2 Hol + 1/2 Gir	1404.88	67%
866	CLEIA FIV ZAMBONI	3605-V	1/2 Hol + 1/2 Gir	1404.29	62%
867	BAKARA FIV DA 4 R'S	2532-R	1/2 Hol + 1/2 Gir	1404.09	59%
868	AIKA MARION WTF DA ESTIVA	4580-J	5/8 Hol + 3/8 Gir	1403.98	60%
869	MYLLA WILDMAN DOM NATO	0562-G	5/8 Hol + 3/8 Gir	1403.36	64%
870	ENITIMA FIV WILDMAN DA TROPICAL	4114-O	1/2 Hol + 1/2 Gir	1402.93	62%
871	CABOCIA FIV DAS NOGUEIRAS	0947-AA	1/2 Hol + 1/2 Gir	1402.80	59%
872	MELBA GABOR FIV F MUTUM	5062-Q	1/2 Hol + 1/2 Gir	1402.74	51%
873	J.E.L.RANCHO GRANDE AFTERSHOCK JESSIE	9499-Q	3/4 Hol + 1/4 Gir	1402.44	65%
874	TPSR DÉDEN	4821-V	1/2 Hol + 1/2 Gir	1402.22	59%
875	JULITA I BLITZ FIV ALEGRE	2720-X	1/2 Hol + 1/2 Gir	1402.15	63%
876	INTERNET SPIRTE DELIB	3754-J	5/8 Hol + 3/8 Gir	1401.96	59%
877	COPA MOSCOW DO CONDE	3163-K	3/4 Hol + 1/4 Gir	1401.93	68%
878	LAVINIA FIV AFTERSHOCK SANTA LUZIA	3310-Z	1/2 Hol + 1/2 Gir	1401.57	62%
879	BRANDURA PENEDOS	3306-AI	3/4 Hol + 1/4 Gir	1400.41	44%
880	DIANA FIV WILDMAN DA TROPICAL	798	3/4 Hol + 1/4 Gir	1399.84	59%
881	ASSIMA BAHIA BLITZ	5010-N	1/2 Hol + 1/2 Gir	1399.77	75%
882	ANDROMEDA GRANITO WTF DA ESTIVA	4552-J	Puro Sintético	1399.60	50%
883	GRAVIOLA BLITZ FIV ZBR LIMEIRA	0931-B	1/2 Hol + 1/2 Gir	1399.50	61%
884	CANELA FIV CE BALS	5218-N	1/2 Hol + 1/2 Gir	1399.32	62%
885	ESCADARIA DO PERY	A-8382	5/8 Hol + 3/8 Gir	1399.21	59%
886	QUEIMA FIV KENYO	8629-H	1/2 Hol + 1/2 Gir	1399.05	65%
887	LARA FIV BOLTON MORADA CORINTHIANA	B-0569	5/8 Hol + 3/8 Gir	1398.71	64%
888	FIONA ANICELI CRETA BRADLEY DO TIAGO	8250-P	1/2 Hol + 1/2 Gir	1398.47	61%
889	MAGNIFICA BAXTER DO MATO PRETO	3935-D	3/4 Hol + 1/4 Gir	1398.33	66%
890	NEVADA F	R-8021	1/2 Hol + 1/2 Gir	1398.26	52%
891	QUERILLA FIV PLANET VR	7176-I	1/2 Hol + 1/2 Gir	1397.85	62%
892	RAINHA BELLWOOD DUBOC	AM-6966	3/4 Hol + 1/4 Gir	1397.57	60%
893	TPSR DAIVOBET	4695-V	1/2 Hol + 1/2 Gir	1397.19	59%
894	GRACE FIV WILDMAN 1735 FUBE	0428-AQ	3/4 Hol + 1/4 Gir	1396.71	62%
895	BAHAMAS 4 SHOTTLE FIV COMAPI	5939-AA	1/2 Hol + 1/2 Gir	1396.38	62%
896	INGRID BLITZ LE	0913-B	1/2 Hol + 1/2 Gir	1396.07	62%
897	VANDA FIV ANN SOL NASCENTE	ALJI0014	1/2 Hol + 1/2 Gir	1395.82	56%
898	FANTA LINS	6265-U	3/4 Hol + 1/4 Gir	1395.75	62%
899	RBB ABSOLUTA BRADNICK FIV	5168-Y	3/4 Hol + 1/4 Gir	1395.74	59%
900	ELKE FIV JAGUAR 1075 FUBE	8575-U	1/2 Hol + 1/2 Gir	1395.50	59%
901	CELESTE TE DOS POÇOS	P-2109	1/2 Hol + 1/2 Gir	1395.48	67%
902	LAMA PRETA RINA BAXTER	8400-K	5/8 Hol + 3/8 Gir	1395.45	60%
903	ANABELA VALE OURO FIV SABV	7502-O	1/4 Hol + 3/4 Gir	1395.21	63%
904	BURMA BRADLEY FIV M.VERDE	7218-R	1/2 Hol + 1/2 Gir	1395.01	63%
905	GABI WILDMAN FIV DA AGROCOPIA	1557-O	1/2 Hol + 1/2 Gir	1394.91	60%
906	ADY FORMIGA FIV WILDMAN	3087-J	1/2 Hol + 1/2 Gir	1394.64	62%
907	INDOMADA PEDRA	AD-4927	1/2 Hol + 1/2 Gir	1394.55	63%
908	FRANCINE FIV STORMATIC ALEGRE	A-8011	5/8 Hol + 3/8 Gir	1394.54	66%
909	PRIMAZIA FIV WILDMAN INDIANA	9124-Q	1/2 Hol + 1/2 Gir	1394.06	67%
910	DECORADORA FIV SANTA LUZIA	6440-Q	1/2 Hol + 1/2 Gir	1394.03	60%
911	EDITORIA BRADLEY ZBR LIMEIRA	B-3222	5/8 Hol + 3/8 Gir	1393.91	65%
912	MELINDROSA MORRIE DA GARDEN S BUCK	B-6277	5/8 Hol + 3/8 Gir	1393.17	64%
913	IPA SELADA	B-0501	5/8 Hol + 3/8 Gir	1392.80	62%

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Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
914	TAFUL FR RECREIO	A-8596	5/8 Hol + 3/8 Gir	1392.38	74%
915	MEGA HARMONIA 1 DA PRATA JAC	A-7635	5/8 Hol + 3/8 Gir	1391.74	67%
916	BRONCA MODELO FIV TS DA MUQUEM	9342-Z	1/4 Hol + 3/4 Gir	1391.60	63%
917	HIERARQUIA FIV XA	8818-J	3/4 Hol + 1/4 Gir	1391.19	63%
918	VALENCIA WILDMAN DA INTERMINAS	9807-AA	5/8 Hol + 3/8 Gir	1391.07	63%
919	BISNAGA 3 FIDELITY COMAPI	9333-N	1/2 Hol + 1/2 Gir	1390.55	55%
920	NELIDA FR RECREIO	AB-6133	1/2 Hol + 1/2 Gir	1389.78	60%
921	JEL R.GRANDE ARMSTEAD GARRAFA TE	9897-F	3/4 Hol + 1/4 Gir	1389.51	56%
922	ESTRELA BARREIRO ALTO	3967-Z	1/2 Hol + 1/2 Gir	1389.51	58%
923	TPSR DIGNA	4757-V	1/2 Hol + 1/2 Gir	1388.92	62%
924	ROMANCE QUEBEC FIV JAGUAR 1077 FUBE	3229-AA	1/2 Hol + 1/2 Gir	1388.56	58%
925	ACACIA BIXIA JAGUAR FIV E.N.T	6709-I	1/4 Hol + 3/4 Gir	1388.49	68%
926	FAY RHOELANDT 886 TEATRO STT	3953-T	1/2 Hol + 1/2 Gir	1388.07	59%
927	SUELEN FIV BRADLEY SANTA LUZIA	4680-X	1/2 Hol + 1/2 Gir	1388.01	62%
928	ROYAL BELINDA TE	6316-H	1/2 Hol + 1/2 Gir	1387.90	60%
929	HIALA FIV DO BASA	5295-M	1/2 Hol + 1/2 Gir	1387.58	61%
930	AÇUCENA AFTERSHOCK FIV INDIANA	8745-AI	1/2 Hol + 1/2 Gir	1387.56	63%
931	LABAREDA MARSHALL SANTA LUZIA	AN-6445	3/4 Hol + 1/4 Gir	1386.87	70%
932	NATA OLYMPIC RC DO MOINHO	4981-M	3/4 Hol + 1/4 Gir	1386.37	69%
933	VARJAO CAMPONESA	AF-8420	1/2 Hol + 1/2 Gir	1386.31	66%
934	CORVINA 513 JAGUAR FIV JM MONTE ALVERNE	0363-X	1/2 Hol + 1/2 Gir	1386.28	59%
935	NIL TOPLEVEL RBON	2530-X	1/2 Hol + 1/2 Gir	1386.21	51%
936	DALIA WILDMAN IA	8078-P	5/8 Hol + 3/8 Gir	1385.95	67%
937	CABILA AFTERSHOK FIV DA XAPETUBA	3523-U	1/2 Hol + 1/2 Gir	1385.84	77%
938	JOSIMAR M	AK-4114	3/4 Hol + 1/4 Gir	1385.16	68%
941	LONTRA BELLUR DA ONCA	B-1014	3/8 Hol + 5/8 Gir	1384.71	41%
939	MICHELE DA VARGEM RICA	AG-5716	1/2 Hol + 1/2 Gir	1384.68	72%
940	FLORISBELA DA VARGEM RICA	AQ-8872	3/4 Hol + 1/4 Gir	1384.66	66%
942	HAYDEE FIV MONUMENT DELIB	B-5418	5/8 Hol + 3/8 Gir	1384.27	61%
943	FINDAURA FIV SHAMROCK SANTA LUZIA	7392-Z	1/2 Hol + 1/2 Gir	1384.20	59%
944	CASTANHOLA FIV DA MINAS LEITE	2262-W	1/2 Hol + 1/2 Gir	1383.89	62%
945	CENOURA BRADLEY FIV DA XAPETUBA	9719-Y	1/2 Hol + 1/2 Gir	1383.79	62%
946	GERMINA FÁTIMA HEFTY 773	187	3/4 Hol + 1/4 Gir	1383.62	57%
947	IMPERATRIZ FIV DA MU-MU	9527-Y	5/8 Hol + 3/8 Gir	1383.60	57%
948	MEIA LUA FIV ANN SOL NASCENTE	5736-G	1/2 Hol + 1/2 Gir	1383.06	56%
949	AGETA BRADLEY FIV DA XAPETUBA	9026-H	1/2 Hol + 1/2 Gir	1382.85	77%
950	JAULA VAIDOSO FIV BOA FE	2531-P	1/4 Hol + 3/4 Gir	1382.72	65%
951	LEID FIV EDUARD VOLTA FRIA	0537-U	5/8 Hol + 3/8 Gir	1382.65	64%
952	GULOSA FIV DA PEZ	2663-AD	1/2 Hol + 1/2 Gir	1382.50	59%
953	JAZIDA SANSÃO FIV BOA FE	2821-N	1/4 Hol + 3/4 Gir	1382.49	63%
954	KALIFA DUNDEE FIV JAGUAR 1130 FUBE	8561-U	1/2 Hol + 1/2 Gir	1382.43	60%
955	BRENDA FIV WILDMAN 2R JATAI	0741-AH	3/4 Hol + 1/4 Gir	1382.05	63%
956	ALEMANHA BRADLEY FIV DA XAPETUBA	AG-1176	1/2 Hol + 1/2 Gir	1381.31	78%
957	PANTHEON PROLAT MACEDONIA	9524-X	1/2 Hol + 1/2 Gir	1381.20	60%
958	JPZ MAGNA VALE OURO MARAIA FIV	0477-Q	1/4 Hol + 3/4 Gir	1381.06	66%
959	LARA SANCHEZ FIV SBA	5237-X	1/2 Hol + 1/2 Gir	1381.03	60%
960	CAMANGA FIV WILDMAN DA TROPICAL	1176-H	1/2 Hol + 1/2 Gir	1381.02	62%
961	ANARA SHOTTLE FIV COMAPI	150	1/2 Hol + 1/2 Gir	1380.71	61%
962	FUMACA BRADLEY FIV ZBR LIMEIRA	7239-D	1/2 Hol + 1/2 Gir	1380.62	78%
963	BELA FIV RIBEIRÃO GRANDE	A-9013	5/8 Hol + 3/8 Gir	1380.60	72%
964	DURBANA FIV BANDOLI	8632-C	1/2 Hol + 1/2 Gir	1380.34	57%
965	CHINA BLITZ FIV DO CONDE	3156-K	1/2 Hol + 1/2 Gir	1380.32	61%
966	BB MILK FENOMENAL AFTERSHOCK FIV	6226-V	1/2 Hol + 1/2 Gir	1380.31	61%
967	ESMOLA ROMANA AFTERSHOCK NOVA TERRA	1110-AD	3/4 Hol + 1/4 Gir	1379.81	62%
968	ASSIMA BABEL WILDMAN	4998-N	3/4 Hol + 1/4 Gir	1379.80	75%
969	BICUIBA FIV FR RECREIO	558	1/2 Hol + 1/2 Gir	1379.68	62%
970	AE3532/1 SBA	5055-X	3/4 Hol + 1/4 Gir	1379.44	64%

(To be continued...)

(Continuation...)

Class.	Cow's Name	Register	Breed Composition	GV (kg)	Reliability
971	842 LR DA CACHOEIRINHA	5990-J	3/4 Hol + 1/4 Gir	1378.95	71%
972	BINA FIV PGEN	9296-T	1/2 Hol + 1/2 Gir	1378.84	64%
973	CABANA BLITZ FIV DO CONDE	3953-I	1/2 Hol + 1/2 Gir	1378.84	65%
974	CANETA AFTERSHOK FIV DA XAPETUBA	3542-U	1/2 Hol + 1/2 Gir	1378.45	62%
975	TPSR 0361 DÓCIL FIV	4804-V	1/2 Hol + 1/2 Gir	1378.40	60%
976	PAQUITA FIV DA PEZ	9788-Z	1/2 Hol + 1/2 Gir	1378.30	59%
977	HORITA FIV BRADLEY VOLTA FRIA	1638-I	1/2 Hol + 1/2 Gir	1378.13	77%
978	FOLIA 5A	2697-Z	5/8 Hol + 3/8 Gir	1378.06	63%
979	CAMPANA WILDMAN FIV F. CONGONHAS	6238-R	1/2 Hol + 1/2 Gir	1377.63	65%
980	FOLIA JM MONTE ALVERNE	AG-1314	1/2 Hol + 1/2 Gir	1377.53	74%
981	AMORA DA IFQ TE	AD-5785	1/2 Hol + 1/2 Gir	1377.34	66%
982	LUTA SANCHEZ FIV ONCA	5186-AH	5/8 Hol + 3/8 Gir	1377.30	64%
983	ESPERANÇA AFTERSHOCK FIV INDIANA	8772-AI	1/2 Hol + 1/2 Gir	1377.02	64%
984	FRICOTEIRA FIV BRADLEY ZBR LIMEIRA	6404-G	5/8 Hol + 3/8 Gir	1376.80	68%
985	RICHA FIV DA PEZ	5656-V	1/2 Hol + 1/2 Gir	1376.62	60%
986	BILINHA 1 KIAN COMAPI	9315-N	1/2 Hol + 1/2 Gir	1376.44	53%
987	CAJAMANGA FIV PAULINHA BRADLEY DA SANQUIT	4891-M	1/2 Hol + 1/2 Gir	1375.91	66%
988	DIVINA BOLTON TE WTF DA ESTIVA	B-2264	5/8 Hol + 3/8 Gir	1375.66	72%
994	FACEIRA BUZIOS DA VARGEM RICA	9665-R	3/8 Hol + 5/8 Gir	1375.46	50%
989	SIMPATIA FIV WILDMAN MONASTERIO	4051-S	3/4 Hol + 1/4 Gir	1375.13	63%
990	BACANA JBO DA ESTIVA	4162-B	1/2 Hol + 1/2 Gir	1374.83	63%
991	ARLINDA BRADLEY FIV DA XAPETUBA	AE-7779	1/2 Hol + 1/2 Gir	1374.54	65%
992	HEMA FIV WILDMAN BON.BELEM	8830-R	3/4 Hol + 1/4 Gir	1374.53	64%
993	ANCORA FIV SALTO I	5665-AB	1/4 Hol + 3/4 Gir	1374.52	63%
995	CASCATA FIV AFTERSHOCK SANTA LUZIA	3363-Z	3/4 Hol + 1/4 Gir	1374.40	64%
996	1824A INDIANA	SNFN1865	3/4 Hol + 1/4 Gir	1374.31	53%
997	FITA DA HAVANNA	1526-H	3/4 Hol + 1/4 Gir	1374.25	51%
998	BRIOSIA 4 FIDELITY COMAPI	9346-N	1/2 Hol + 1/2 Gir	1373.91	55%
999	TPSR248 CUTICULA FIV	8486-J	1/2 Hol + 1/2 Gir	1373.69	65%
1000	CASCATA AFTERSHOK FIV DA XAPETUBA	5241-AF	1/2 Hol + 1/2 Gir	1373.55	66%

Glossary of Technical Terms

Animal Model – The procedure used to estimate genetic values or PTAs, using the registers records from the databases provided by breeder associations.

BLUP (Best Linear Unbiased Prediction) – Statistical method for data analysis, aiming to obtain solutions for the effects considered in a specific model. Among its statistical properties, the simultaneous estimation of equation solutions for fixed and random effects (genetic values) stands out as noteworthy. In practical ways, the genetic values (PTAs) are estimated simultaneously to the adjustment to the effects of the environment (contemporary herd-year groups, time, age at calving, genetic groups, etc.)

Genetic Base – The mean genetic value of cows born in a specific year, for each trait. Composed of the genetic merit reference of the breed for the comparison of bulls.

Genetic value (GV) - The genetic value of a cow is defined as a value equal to twice the deviation from the mean of their daughters. The PTA is half the genetic value of the cow. For instance, a cow, which GV is equal to 200 kg, has a PTA of 100 kg. This means that their offspring, in average, have an expected potential for 100 kg of milk yield above the average of the breed.

MTDFREML – The abbreviation for the set of programs written in the Fortran language (Multiple Trait Derivative Free REML), which uses the Restricted Maximum Likelihood methodology with the algorithm that does not use derivatives for the estimation of variance components and the prediction of animals' genetic values, in accordance with the model applied in the analysis of a specific database.

PTA (Predicated Transmitting Ability) – The measurement of the cow's genetic value, obtained through the performance of its daughters and its relatives in different herds, expressed as the difference (superiority or inferiority) of the breed's genetic base.

Reliability (R) – The measurement of the amount of information used in the estimation of the genetic value. It indicates (in percentage) the confidence that can be placed on the PTA estimated for each cow. The greater the reliability, the greater the certainty that the value of the estimated PTA represents the real genetic value of the cow.

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