

TAURUS

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Chianina, Romagnola, Maremmana and
Podolica cattle*

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ABROAD

ITALIAN BEEF BREEDS IN COLOMBIA: PRODUCTION RESULTS IN F1 BREEDING WITH BRAHMAN CATTLE

by **Giannetto Guerrini*** and **Filippo Rapaioli****
- *ANABIC National Breed Expert, **Animal Science Graduate

General conditions of cattle breeding in Colombia

Cattle production in Colombia is based 90% on the breeding of the Zebu (Brahman) breed, which is characterized by its excellent adaptation to the tropical climate conditions, such as:

- High temperature
- High relative humidity
- High incidence of ultraviolet rays

To this must be added the year-round grazing conditions, on pastures of tropical grasses (Gramineae) such as: *Brachiaria humidicola*, *Estilosante*, and *Mombaza*, without any administration on most breeding farms of stored feeds such as silage and hays or of concentrates.

In this type of climate and feeding conditions, the Colombian breeder, when it comes to F1 crossbreeding, seeks an animal characterized by adaptation ease, calving ease, and the possibility to increase the production of Brahman meat and milk.

The meat is the main product of the farm, but milk has its importance in that the revenue from its sale pays for the farm's overhead expenses, such as labour and the renewal of the pastures and the structures (fences). It is therefore fundamental for the Colombian breeder to have a "lote de ordeño" (core herd of milk animals) which, in most cases, is made up of a Brahman base, crossed with Brown Swiss, Holstein, or Ayrshire, depending on the climatic conditions of the production zone.

Production characteristics of the Brahman breed in Colombia.

The Brahman breed in Colombia is characterized by:

Table 1.

| PRODUCTION INDEX | RESULT |
|-------------------------------------|---------------------------------------|
| Weight at birth | 30-40 kg males / 28-34 kg females |
| Weight at weaning (12 months) | 200-220 kg males / 170-200 kg females |
| Slaughter yield (38 months average) | 460-480 kg males |
| Average Daily Gain | 0.35-0.6 kg/day males |
| Carcass yield | 47-52% males |
| Calving interval (average) | 670 days |
| Calving ease | Very good |
| Milk production | 3-5 litres/day |

ABROAD

The production indexes show how important it is for the breeder mainly to reduce the time necessary for reaching the slaughter weight (38/42 months) and, consequently, to increase the ADG at pasture, for males.

At the same time, a strong selection on the females, seeking to reduce the calving interval – which at the present time is very high – is also necessary.

Production of commercial F1s in Colombia: a problematic history

Considering the problems mentioned earlier, since the 1960s big Colombian beef breeders (>1,000 animals on the farm) have been seeking a European breed that would give them a better production time and fertility.

At first they turned to breeds like the Holstein, Normando, Ayrshire, and Brown Swiss, in search of the “doble proposito” (dual milk/meat production) until (in the mid-1990s) they realized that the F1s produced by the milk breeds are not competitive for the growing meat market, especially at the export level.

From that moment they began to produce F1s with beef breeds such as the Aberdeen Angus, Simmental, Herford, and Charolais, which do not always offer the results hoped for, because of the adverse climatic conditions of the Colombian tropics and the availability of feed, which drops drastically during the dry season (November-March), and which affects the F1s harder than it does the “Criollo” (native) Brahman cattle.

The difficulties are due to the hide colour for the Aberdeen Angus, and the lack of pigmentation for the Herford, Charolais, and Simmental breeds.

These factors have led the Angus farms to be located in the cold and temperate

zones, at altitudes above 1600 m.a.s.l.; the Charolais and Herford have practically disappeared; the Simmental enjoys good conditions, especially thanks to the massive advertising investments made by the breed's Breeders' Association.

In conclusion, as of today, Colombian breeders have not yet found a breed that is truly adaptable and more productive, and which enables them to improve their Brahman base in a F1 crossbreed.

The Italian beef breeds: a recent history

In 1995 the Romagnola breed arrived in Colombia, through the United States, thanks to several breeders of northern Colombia who saw in the hide and mucous membrane pigmentation and hair colour a Taurus breed that might adapt very well to their production conditions. Right from the very first F1 births, the breeders were aware of the breed's good adaptability and the interesting productions it offers in commercial breeding. Below are the production indexes of the Yaruma farm, a Romagnola breeding farm located in the Santander Region, which has an average yearly temperature of 28°C, a relative humidity of 78%, Brachiaria Humidicola pastures without the addition of any concentrates, and permanent grazing conditions all year round.

At the present time the farm has a herd of 3,500 head of F1 Romagnola x Brahman crossbreed cattle and a pure Romagnola herd of 800 animals.

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Table 2.

| PRODUCTION INDEX | RESULT |
|-------------------------------------|---------------------------------------|
| Weight at birth | 33-37 kg males / 30-34 kg females |
| Weight at weaning (7 months) | 200-220 kg males / 170-190 kg females |
| Slaughter yield (20 months average) | 460-480 kg males |
| Average Daily Gain | 0.80-1.0 kg/day males |
| Carcass yield | 58% males |
| Calving interval (average) | 480 days |
| Calving ease | Very good |
| Milk production | 4-7 litres/day |

In 2008, the Chianina and Marchigiana started to be introduced in Colombia, having been totally unknown to the Colombian breeders before then. They were received very positively, thanks to

the results shown by the Romagnola during this decade. The first F1s were born at the end of 2009, and Table 3 shows their weaning indexes.

Table 3.

| PRODUCTION INDEX | RESULT |
|--|---------------------------------------|
| Marchigiana weight at birth | 35-37 kg males / 30-34 kg females |
| Marchigiana weight at weaning (7 months) | 250-280 kg males / 190-210 kg females |
| Marchigiana Average Daily Gain | 1.2-1.3 kg/day males |
| Marchigiana calving ease | Excellent |
| Chianina weight at birth | 36-42 kg males / 32-35 kg females |
| Chianina weight at weaning (7 months) | 250-280 kg males / 190-210 kg females |
| Chianina Average Daily Gain | 1.2-1.4 kg/day males |
| Chianina calving ease | Excellent |

The Romagnola, Marchigiana, and Chianina are all very highly appreciated for the pigmentation of their mucous membranes and hides and for their short white coats. The happy surprise for all the breeders on seeing the ease of adaptation and the high growth indexes led them to christen the Italian beef breeds the "European Brahman". Moving up the butchering to 20 months, compared to the 38 months average with the Brahman, means a reduction of the time by 50%, which increases the breeder's yield considerably.

At the present time, a programme is being carried out at the La Floresta farm in Valledupar to achieve a genetic improvement by embryo transfer, with the aim of establishing a pure Chianina and Marchigiana core group in order to have a continuous availability of pure sires that can be used on the farms for F1 commercial crossbreeding. On the same farm, like on the Yaruma farm, a second project is also being carried out with the Podolica breed, which is focusing on observing the milk, fat, and protein production capacities of the F1s with Brahman cattle.

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Conclusion

With the first F1 births, the quality and ease of adaptation of the Italian beef breeds are finally being seen. Thanks to the continuous support of the ANABIC and Italiana Genetica & Servizi, our breeds are emerging on the Colombian livestock panorama and are winning the hearts of cattle breeders. During the coming year, 2011, the first products of the crossbreeding with Italian breeds will be butchered and we will see the slaughtering performances of the F1s.



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SHOWS

A BRILLIANT 8TH NATIONAL SHOW OF PASTURE-RAISED CHIANINA HELD AT PONTE PRESALE

by Matteo Ridolfi
-Morphological Evaluation Office-

The 17th National Show of Chianina raised on pasture and loose-housing management systems was held at Ponte Presale on September 27–29. As usual, it was the main showcase for pasture-raised breeds, and it saw the Chianina at its best, with 14 groups competing for the pasture-raised division and one for the loose-housing division. The herds came from the provinces of Arezzo, Perugia and Rimini. The Silvio Datti Center brought prestige to a rendezvous that is a benchmark for the Chianina. The show, organized by ANABIC with the help of the Arezzo branch of the Tuscan Breeders' Association – in collaboration with the Italian Ministry of Agriculture and Forestry Policies, the Region of Tuscany, the Provincial Administration of Arezzo, the Chamber of Commerce of Arezzo, the Municipalities of Badia Tedalda and Sestino, the Valtiberina-Toscana Mountain Community and the Agricultural Council Office of Sansepolcro – also featured side events. Special thanks for the successful outcome of the event go to Luisa Rubechi, president of the Breeders' Association, director Claudio Bovo and their entire staff for the effective organizational support and the renowned hospitality.

JUDGING COMPETITION FOR STUDENTS AT AGRICULTURAL INSTITUTES

The usual judging competition for students from agricultural institutes was held on September 28. The competition, organized by the Arezzo Breeders' Association and

coordinated by me, involved twelve teams of students representing nine different institutes: ITAS Vegni and IPSAA Camaiti of Arezzo, ITAS Duca degli Abruzzi of Padua (with two areas of study, the “Cerere Project” and the traditional one), ISI Kennedy of Monselice, ISI De Nicola of Piove di Sacco, IPAA San Benedetto da Norcia of Padua, ISI Sartor of Castelfranco, ITAS Brignoli of Gradisca and IPAA of Trecenta (Rovigo). I opened the competition by illustrating a model heifer – kindly provided by Lido Pecci of Siena, to whom we are grateful – to the students.



A moment of judging competition for students

The competition, conducted on four groups from the summer-grazing section, was won by the team from ITAS Vegni led by speaker Lucrezia Rocchi, who showed not only good qualifications but also provided the best motivation. The second team from

SHOWS

the Vegni institute, with speaker Alice Tarquini, took second place. Third place went to the Duca degli Abruzzi institute of Padua (traditional study area), with Francesco Fontolan as speaker, coming in barely ahead of ITAS Kennedy of Monselice. The speaker for the latter was Giulia Zanin. Fifth place instead went to the second team from Duca degli Abruzzi (Cerere Project), with Alberto Busatto as speaker. Credit for the success of the event goes above all to the teachers, and particularly those of Veneto and Friuli, as these two regions have been a regular and growing presence each year at the National Chianina Show at Ponte Presale.

THE JUDGING

National expert Antonio Chiavini served as judge and was assisted by Marco Corbucci. In both divisions the groups offered high-quality subjects in excellent show conditions, confirming the positive trend of the past years. As provided for by show regulations, the groups are composed of four cows, two heifers and two calves. All the representatives exhibited noteworthy subjects, and judge Antonio Chiavini, a technical expert from the ANABIC Genetics Center, worked rapidly and authoritatively in

stood out alone, although given the vigor and the overall quality of its subjects it deserved more gratifying competition. Fortunately, there were 14 groups competing in the summer-grazing section and they came from the provinces of Arezzo, Siena, Pisa and Forli-Cesena.

It is important to note the marked and constant improvement in the quality of the competing subjects, due to the now-frequent use of tested bulls from the ANABIC Genetics Center. **First place** was won by **Gino Ferri Marini's group**, which the judge selected despite the moderate size of these subjects, due to the subjects' greater uniformity, evident typicality and muscle development, rump, all-round structural strength, and the quality of their udders.

The group from the **Cooperativa Agricola Montemercole** took **second place**, thanks to greater strength, excellent show conditions and udders full of milk, if the tone of the calves is any indication. **Third place** went to a delegation from the **Cooperativa San Patrignano**, which, thanks to greater fineness and more correct rumps, placed ahead of the group presented by Lido Pecci, which came in fourth.

The high quality of the subjects is witnessed by the fact that the judge decided to award yellow ribbons as far as the 9th level in the competition, based on the following ranking:

4th place: Az. Agr. Lido Pecci, Siena

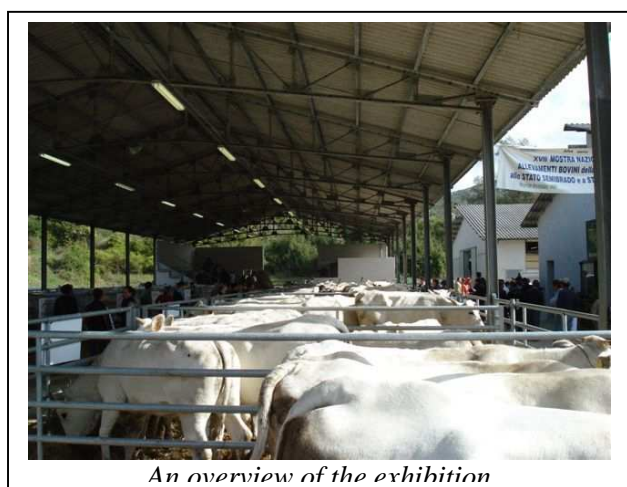
5th place: Giuliano Berni, Arezzo

6th place: Allevamento Fonte dei Serri di Gerace e G.

7th place: Az. Agr. Giaccherini Stefano, Arezzo.

8th place: Maria Gloria Datti, Arezzo

9th place: Oliviero and Giorgio Ricci, Arezzo.



An overview of the exhibition

drawing up the classification. For the loose-housing group, Alessandra Casini's group from the Ponte al Ramo farm of Arezzo

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The Mario Casini Trophy, awarded to the two best heifers on show, was given to the Giorgio and Oliviero Ricci farm of Arezzo, due to the greater size, distinction, femininity, structural strength and overall harmony of both subjects. The trophy commemorating Dr Silvio Datti and awarded to the two best calves on show instead went to the Lido Pecci farm of Siena because of the typicality, correctness and trunk length of the two subjects that were presented.

The Città della Chianina Trophy, awarded to the best subject presented at the show, went to Quilda, a six-year-old cow from Arezzo, daughter of Nofero, from Alessandra Casini's Fattoria Ponte al Ramo. In his commentary, the judge underscored Quilda's size, structural strength, considerable muscle development and correct rump. This concludes the technical commentary of a successful and well-organized show, which highlighted the significant progress made by pasture-raised Chianina, especially from the upper Tiber valley in Tuscany, one of the areas with the highest herd density in the province of Arezzo.

THE CONVENTION AND MORE

The collateral events organized for the show included a convention for breeders, held during the exhibition on September 28, on the Regional Development Plan for Tuscany, discussing economic outlooks and planning for zootechnical businesses. Dr Claudio Del Re, Director of the Zootechnical Department of the Region of Tuscany, took part in the meeting coordinated by Luisa Rubechi, President of the Arezzo Breeders' Association, in order to detail the Regional Development Plan and explain the opportunities that these measures can offer breeders.

THE GERMANS LIKE OUR WHITE BREEDS

On 2nd September a German delegation made up of 22 breeders of beef cattle breeds, mainly Fleckvieh and Charolaise, visited the ANABIC. They came from the northeastern part of the country and were interested in the Chianina, Romagnola, and Marchigiana. The guests were headed by Prof. Wilhelm Nehuemann, professor of Animal Husbandry at the University of Rostock, who had played a role in a previous importation of Chianina cattle by the ANABIC to the former GDR, way back in 1967. Welcoming the guests were Director Roberta Guarcini, President Fausto Luchetti, and the Association's experts, who described the selection process they use for the Italian beef breeds, focusing on that of the Genetic Centre, where the guests were also shown several bull calves of the three breeds. At the end of the visit, Prof. Nehuemann said he was favourably impressed by the white breeds, and in particular by the distinct morphological evolution of the Chianina towards being a clear-cut beef breed, something that was still a distant goal for the cattle he saw in Italy over 40 years ago.



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EXCELLENT COWS

EXCELLENT COWS OF MARCHIGIANA, CHIANINA and ROMAGNOLA BREEDS

By Matteo Ridolfi
- Morphological Evaluation Office -

The cows conventionally called “Excellent” (“Ottimo”) are those that receive a score of **90 points** or higher in their morphological examination. Morphology is an important element in cattle breeding, but alongside the aesthetic aspect, which is indisputably satisfying for aficionados, it is necessary to consider primarily the functional aspects, connected with the production policy, locomotor functionality, and longevity.

The scientific world has been devoting itself for some time to these aspects in order to provide objective selection tools for breeders, whose herds must necessarily produce income. Morphologically valid livestock can give the breeder one more tool in economic terms, in addition to the satisfaction. The list of the animal that have stood out for their correctness is presented in Taurus broken down by breed and province. Alongside the cows known to aficionados for having already made a

name for themselves in the most important arenas, there are other, less well known, ones who are waiting to be adequately enhanced.

The notes are meant to give the proper prominence to all, highlighting what is perhaps the most satisfying aspect of the slow and often silent work of the breeders: the creation of a beautiful cows.

The list includes Excellent cows living at the time of publication and are ordered by province and breeding.

For each cow, stating: name and number, date of birth, the score and its partial qualifications, general indexes (BSI, CSI and Morphology), pedigree (father x maternal grandfather), age at first birth, the average calving interval in days, the number of parts made in his career, the number of calves entered the Genetic Center, the herd of origin and the holder of the subject.

EXCELLENT COWS

CHIANINA BREED

13 provinces / 69 cows / 29 farms

Maternal grandparents with the greatest number of nephews with Excellent Feedback:

| provinces | n. of Excellent cows | farms |
|-----------|----------------------|-------|
| Perugia | 32 | 9 |
| Livorno | 7 | 4 |
| Firenze | 5 | 3 |
| Rieti | 6 | 1 |
| Siena | 4 | 2 |
| Pisa | 3 | 3 |
| Padova | 3 | 1 |
| Terni | 3 | 1 |
| Arezzo | 2 | 2 |
| Brescia | 1 | 1 |
| Ravenna | 1 | 1 |
| Reggio E. | 1 | 1 |
| Vicenza | 1 | 1 |

| | |
|-----------------|--------|
| Dazzo | 5 cows |
| Eugenio | 5 cows |
| Cosimo d. M. B. | 3 cows |
| Diro | 2 cows |
| Dono | 2 cows |
| Falto d.C. | 2 cows |
| Fanfullo | 2 cows |
| Ghiotto d. F. | 2 cows |
| Ifeo | 2 cows |
| Mandrillo d. P. | 2 cows |
| Maullo | 2 cows |

Farms with the highest number of Excellent cows:

| Excellent cows | Farms |
|----------------|-------------------------------------|
| 18 | Luchetti Basilio e Claudio farm, PG |
| 6 | Pittalis Gianraffaele farm, RI |
| 4 | Marcucci G. Carlo farm, PG |
| 4 | Migni Danilo farm, PG |
| 3 | Baroncelli Silvia farm, PG |
| 3 | Cappello Mattia farm, PG |
| 3 | Fabbretti Lorenzo farm, TR |

38 father / 51 maternal grandparents

Bulls with the highest number of daughters with Excellent Feedback:

| | |
|---------------------|-------------|
| Lio di Maria Bianca | 8 daughters |
| Dazzo | 7 daughters |
| Fabio | 6 daughters |
| Priamo | 4 daughters |
| Eugenio | 3 daughters |
| Fondo d.C. | 3 daughters |
| Ifeo | 3 daughters |
| Mandrillo d. P. | 3 daughters |
| Moriero | 3 daughters |
| Nurso Di Moglie | 2 daughters |

EXCELLENT COWS

| Individual | Birth date | Qualifications | | | Index | | | Father | Mother | Maternal Grandf. | Calving interval/ age at calving | numb. of calvings/calving interval | Farm | | |
|---|------------|----------------|-------|----------------|-------|-------------|-----|--------|--------|--|--|--|-------------|--------|--------------------------------------|
| | | points | Musc. | Legs & Struct. | Dim. | Morph. Ind. | CS | | | | | | | BS | |
| Rarita' Di Pergo IT051990010609 | 18-04-2005 | 90 | O | M | O | M | 113 | 111 | 119 | Mandrillo Di Polledrai IT049000201574 | Olimpia Di Pergo IT051000024403 | Dazzo 52SI129799 | 384 990 | 3 1 | Az. Agr. Pucci Giovanni AR |
| Rima IT054990052120 | 25-10-2005 | 90 | M | O | O | M | 97 | 117 | 111 | Orione IT054000080981 | Obala IT054000080970 | Fondo Del Chiostro 52SI134440 | 374 1014 | 2 1 | Grigioni Juanito AR |
| Quatta IT052990003894 | 30-12-2004 | 90 | M | M | O | O | 109 | 108 | 114 | Dazzo 52SI129799 | Gadria 52SI135700 | Cavour 52AR111949 | 531 1015 | 2 0 | Zava Achille E.C. Ss BS |
| Oliva IT048000213733 | 03-11-2002 | 91 | O | O | M | O | 106 | 105 | 111 | Lento Del Boccaccio IT049000100546 | Giostra 52LI107738 | Dono 52AR112171 | 390 995 | 5 1 | Baroncelli Silvia FI |
| Quendy IT048990004840 | 04-07-2004 | 90 | M | O | O | M | 108 | 106 | 113 | Leonardo Del Chiostro IT052000202203 | Neta IT054000075801 | Ifeo IT033SI025C031 | 379 958 | 3 1 | Baroncelli Silvia FI |
| Rumba Di Polledrai IT049990002231 | 03-04-2005 | 90 | O | M | O | M | 112 | 120 | 122 | Lio Di Maria Bianca IT050000200158 | Lauretta Di Polledraia IT049000200189 | Dazzo 52SI129799 | 368 943 | 3 0 | Baroncelli Silvia FI |
| Fadia 52SI133981 | 10-07-1996 | 91 | O | M | O | O | 104 | 110 | 112 | Eugenio 52LI102459 | Daria 52SI113517 | Tallurino 52SI018485 | 396 904 | 7 1 | Le Querce Dei Chiari FI |
| Gelosia 52SI135730 | 27-03-1997 | 90 | M | M | O | O | 102 | 106 | 108 | Castello 52SI126771 | Idea 52SI121470 | Enodio 52SI115912 | 637 845 | 7 0 | Az.agr. Costagli Maura LI |
| Lauretta Di Polledrai IT049000200189 | 18-07-1999 | 90 | M | M | O | O | 104 | 121 | 118 | Dazzo 52SI129799 | Elena 52LI106164 | Iovoso 52SI122960 | 384 913 | 8 2 | Giannellini Edi0 LI |
| Tania Di Polledraia IT049990005611 | 05-09-2007 | 90 | M | M | O | M | 116 | 118 | 125 | Priamo IT049990001532 | Nutella Di Polledraia IT049000201591 | Dazzo 52SI129799 | 0 0 | 0 0 | Giannellini Edi0 LI |
| Mara Del Boccaccio IT049000100966 | 28-08-2000 | 91 | M | O | O | O | 103 | 101 | 107 | Dazzo 52SI129799 | Babilonia 52LI104581 | Gedio 52LI103365 | 565 1056 | 5 0 | Guerrieri Enzo LI |
| Nilla Melograni IT049000101131 | 05-01-2001 | 91 | O | O | O | M | 100 | 99 | 103 | Germano 52SI136231 | Isolina IT001LI022C009 | | 612 947 | 4 2 | Mecherini Fosco LI |
| Quaranta Melogran IT049990002545 | 10-11-2004 | 90 | O | O | O | M | 111 | 114 | 119 | Dazzo 52SI129799 | Etruria 52LI106381 | Eugenio 52LI102459 | 439 873 | 3 0 | Mecherini Fosco LI |
| Olma Di Maria Bianca IT050000202757 | 20-09-2002 | 90 | M | M | O | O | 101 | 104 | 107 | Lio Di Maria Bianca IT050000200158 | Baia 52PI106354 | Ghiotto Della Favorite 52PG123060 | 546 859 | 4 0 | Mecherini Fosco LI |
| Sandy IT028990095406 | 21-07-2006 | 90 | M | O | O | M | 97 | 101 | 103 | Lirino IT052000450828 | Lecca IT052000450243 | Flauto 52SI134335 | 0 1002 | 1 0 | Cappello Mattia PD |
| Talea IT028990125510 | 08-02-2007 | 90 | M | O | O | M | 106 | 107 | 111 | Mandrillo Di Polledrai IT049000201574 | Pentesilea Di Viamag IT051990004484 | Esoso 52SI130891 | 0 826 | 1 0 | Cappello Mattia PD |
| Tiffany IT028990150235 | 23-11-2007 | 90 | O | O | O | M | 114 | 121 | 124 | Lio Di Maria Bianca IT050000200158 | Persea IT048000222750 | Mandrillo Di Polledrai IT049000201574 | 0 0 | 0 0 | Cappello Mattia PD |
| Tasca IT053990053216 | 06-10-2007 | 90 | O | O | O | M | 97 | 105 | 104 | Fortunato 52LI107271 | Lalina IT054000001581 | Fulmine 52PG140409 | 0 0 | 0 0 | Allianz Spa Tenuta Di Scheggia PG |
| Seriosa Della Favoi IT054990062969 | 09-11-2006 | 90 | O | O | M | O | 111 | 112 | 118 | Ianto 52PG146319 | Quintana Della Favoi IT054990003582 | Nesto IT052000453056 | 0 1112 | 1 0 | Az.ag.lombardi Ilio PG |
| Nabira Dei Colli IT054000041233 | 06-04-2001 | 90 | M | O | O | M | 96 | 114 | 109 | Gorino 52SI135954 | Gemma 52PG144758 | Diro 52PI107593 | 355 878 | 7 1 | Fedeli Francesco E Andrea PG |
| Quaca Dei Colli IT054990023624 | 06-04-2004 | 90 | O | O | O | M | 110 | 115 | 119 | Luccio Del Chiostro IT052000202215 | Gemma 52PG144758 | Diro 52PI107593 | 363 969 | 4 2 | Fedeli Francesco E Andrea PG |
| Sampaolesa IT054990017827 | 08-08-2006 | 90 | O | M | M | M | 96 | 102 | 102 | Lampo IT054000006845 | | | 0 1062 | 1 0 | Fiorucci Alvaro PG |
| Giora 52SI135990 | 28-04-1997 | 90 | O | O | O | M | 105 | 98 | 106 | Deodato 52SI129233 | Biora 52SI125473 | Eugenio 52LI102459 | 399 893 | 9 2 | Luchetti Basilio E Claudio PG |
| Liana IT052000451197 | 02-03-1999 | 90 | O | M | O | M | 110 | 110 | 116 | Eman 52LI106167 | Ecora 52SI131894 | Icarus-et 52PG126129 | 464 866 | 7 1 | Luchetti Basilio E Claudio PG |
| Mazza IT052000453080 | 11-10-2000 | 91 | O | O | O | M | 104 | 98 | 106 | Dazzo 52SI129799 | Gerina 52SI136807 | Grido 52SI121155 | 374 906 | 7 1 | Luchetti Basilio E Claudio PG |
| Ladisa IT054000021066 | 20-07-1999 | 90 | M | O | O | M | 109 | 107 | 114 | Dazzo 52SI129799 | Fiudisca Del Maccetti 52LI107223 | Dono 52AR112171 | 365 884 | 9 2 | Luchetti Basilio E Claudio PG |
| Morella IT054000043279 | 02-12-2000 | 90 | O | M | O | M | 97 | 95 | 100 | Fondo Del Chiostro 52SI134440 | Giora 52SI135990 | Deodato 52SI129233 | 433 1099 | 6 0 | Luchetti Basilio E Claudio PG |
| Nadila IT054000075771 | 05-06-2001 | 90 | O | O | O | M | 103 | 109 | 111 | Ifeo IT033SI025C031 | Enona 52PG139710 | Corvo 52PG133280 | 509 918 | 5 0 | Luchetti Basilio E Claudio PG |

EXCELLENT COWS

| Individual | Birth date | Qualifications | | | Index | | | Father | Mother | Maternal Grandf. | Calving interval/ age at calving | numb. of calvings/calf | Farm | | |
|---------------------------------------|------------|----------------|------|----------------|-------|-------------|-----|--------|--------|--|--|--|-------------|---------|-------------------------------------|
| | | Musc. | Dim. | Legs & Struct. | BS | Morph. Ind. | CS | | | | | | | | |
| Oata IT054000080955 | 30-04-2002 | 91 | M | O | O | O | 90 | 108 | 101 | Fondo Del Chiostro 52SI134440 | Emiliana 52PG138759 | Cosimo Di Maria Biar 52PI106822 | 468 1034 | 4 0 | Luchetti Basilio E Claudio PG |
| Obala IT054000080970 | 04-05-2002 | 90 | O | O | O | M | 95 | 115 | 108 | Fondo Del Chiostro 52SI134440 | Lovia IT054000021110 | Eugenio 52LI102459 | 373 926 | 5 0 | Luchetti Basilio E Claudio PG |
| Olimpia IT054000085761 | 07-12-2002 | 90 | O | M | M | O | 109 | 110 | 115 | Moriero IT054000043278 | Ialia 52PG145230 | Cosimo Di Maria Biar 52PI106822 | 363 910 | 5 2 | Luchetti Basilio E Claudio PG |
| Penny IT054000086375 | 02-05-2003 | 90 | O | O | O | B | 106 | 116 | 117 | Fabio 52PG140810 | Lovia IT054000021110 | Eugenio 52LI102459 | 364 990 | 5 0 | Luchetti Basilio E Claudio PG |
| Petra IT054990018131 | 17-10-2003 | 90 | O | M | M | M | 109 | 108 | 114 | Dazzo 52SI129799 | Cheta 52SI127966 | Falomo 52SI118083 | 359 972 | 4 0 | Luchetti Basilio E Claudio PG |
| Perla IT054990018137 | 15-11-2003 | 90 | M | M | O | O | 107 | 108 | 113 | Fabio 52PG140810 | Ebola Della Favorita 52PG138520 | Fanfullo 52SI117048 | 360 976 | 3 0 | Luchetti Basilio E Claudio PG |
| Quaga IT054990018161 | 02-02-2004 | 90 | O | O | M | M | 107 | 109 | 113 | Moriero IT054000043278 | Gerita 52PG144585 | Euripo 52PG136784 | 390 994 | 4 0 | Luchetti Basilio E Claudio PG |
| Quama IT054990018166 | 19-02-2004 | 90 | M | M | O | M | 109 | 106 | 114 | lfeo IT033SI025C031 | Liana IT052000451197 | Eman 52LI106167 | 573 885 | 3 0 | Luchetti Basilio E Claudio PG |
| Quaglia IT054990037903 | 14-12-2004 | 90 | O | O | O | M | 104 | 114 | 114 | Moriero IT054000043278 | Ialia 52PG145230 | Cosimo Di Maria Biar 52PI106822 | 386 1018 | 3 0 | Luchetti Basilio E Claudio PG |
| Rocca IT054990037971 | 06-07-2005 | 90 | O | O | O | M | 112 | 115 | 120 | Lio Di Maria Bianca IT050000200158 | Mazza IT052000453080 | Dazzo 52SI129799 | 335 1129 | 2 0 | Luchetti Basilio E Claudio PG |
| Sasha IT054990052151 | 24-02-2006 | 91 | O | O | O | M | 113 | 119 | 123 | Lio Di Maria Bianca IT050000200158 | Olma IT054000085758 | lfeo IT033SI025C031 | 457 873 | 2 0 | Luchetti Basilio E Claudio PG |
| Senna IT054990052168 | 06-04-2006 | 90 | O | M | O | M | 110 | 116 | 119 | Lio Di Maria Bianca IT050000200158 | Lovia IT054000021110 | Eugenio 52LI102459 | 0 977 | 1 0 | Luchetti Basilio E Claudio PG |
| Melinda Di Moglie IT054000049058 | 27-06-2000 | 92 | O | M | O | O | 98 | 106 | 106 | Isacco Di Moglie IT052PG208C010 | Dora 52PG135326 | Iero 52SI122481 | 382 822 | 7 4 | Marcucci Giancarlo PG |
| Quirina Di Moglie IT054990031900 | 18-12-2004 | 90 | O | M | O | M | 117 | 110 | 121 | Nurso Di Moglie IT054000063694 | Nocca Di Moglie IT054000063695 | Dazzo 52SI129799 | 368 909 | 3 0 | Marcucci Giancarlo PG |
| Ramona Di Moglie IT054990031904 | 13-04-2005 | 90 | O | M | O | M | 116 | 124 | 128 | Lio Di Maria Bianca IT050000200158 | Oriana Di Moglie IT054000086186 | Mandrillo Di Polledrai IT049000201574 | 352 832 | 3 0 | Marcucci Giancarlo PG |
| Susy Di Moglie IT054990066586 | 26-06-2006 | 90 | O | O | O | M | 114 | 126 | 127 | Priamo IT049990001532 | Missiana Di Moglie IT054000049053 | Giunone 52LI107488 | 354 842 | 2 0 | Marcucci Giancarlo PG |
| Ida Della Favorita 52PG146399 | 26-10-1998 | 91 | O | M | O | M | 106 | 107 | 112 | Eugenio 52LI102459 | Giusy Della Favorita 52PG124862 | Gegio 52SI 3115 | 433 937 | 6 2 | Migni Danilo PG |
| Luna Della Favorita IT054000020128 | 12-09-1999 | 92 | O | O | O | O | 99 | 108 | 108 | Ammiraglio 52SI107487 | Benny Della Favorita 52PG131103 | Esco 52PG116370 | 435 900 | 7 4 | Migni Danilo PG |
| Quintana Della Fav IT054990003582 | 22-02-2004 | 90 | O | O | O | O | 101 | 102 | 106 | Nesto IT052000453056 | Draga Della Favorita 52PG136970 | Fanfullo 52SI117048 | 363 991 | 4 1 | Migni Danilo PG |
| Ranya Della Favori IT054990033665 | 28-07-2005 | 90 | O | M | O | M | 103 | 115 | 113 | Lio Di Maria Bianca IT050000200158 | Opera Della Favorita IT054000081292 | Ammiraglio 52SI107487 | 412 826 | 3 1 | Migni Danilo PG |
| Silvia IT054990056507 | 10-02-2006 | 91 | O | O | O | M | 106 | 117 | 117 | Fabio 52PG140810 | Mily IT054000039790 | | 0 1348 | 1 0 | Presciutti Giuseppe PG |
| Panara IT054000110423 | 13-02-2003 | 90 | O | M | O | M | 113 | 110 | 118 | Mandrillo Di Polledrai IT049000201574 | Ganza 52PG144397 | Discobolo 52LI105582 | 422 856 | 4 0 | Società Agricola Agritosti Ss PG |
| Illi Di S. Giuseppe IT019PI010C013 | 12-09-1998 | 90 | O | O | M | M | 93 | 102 | 99 | Faraone 52LI106808 | Eva 52PI107811 | Iapino 52SI121455 | 603 986 | 6 0 | Agati Fabio PI |
| Nera IT050000002330 | 02-07-2001 | 90 | B | O | O | O | 102 | 102 | 107 | Elino 52SI131411 | Calda 52PI107192 | Ferotto 52SI118103 | 409 975 | 5 0 | Ciconofri Emiliano PI |
| Monia Di Maria Biar IT050000200172 | 11-02-2000 | 90 | O | M | O | M | 104 | 118 | 116 | Filiberto 52PI108401 | Erica 52PI107792 | Ghiotto Della Favorita 52PG123060 | 454 888 | 6 0 | Paoletti Mario PI |
| La Viola Toma IT039990015676 | 04-09-2007 | 90 | O | M | O | M | 102 | 118 | 114 | Otello IT054000110258 | Pora Di Abbadia IT052000456121 | Norberto IT048000211976 | 0 0 | 0 0 | La Viola S.r.l RA |
| Infima IT013RE192C003 | 02-02-1998 | 90 | O | O | M | M | 94 | 105 | 103 | Fagiano 52SI133045 | Europa 52SI132384 | Giustino 52SI119265 | 391 848 | 9 0 | Allev. Chianina Di Canossa RE |
| Genica 52PG124306 | 11-05-1990 | 91 | O | M | O | O | 90 | 93 | 94 | Urpino 52SI020702 | Aulla 52PG106201 | Maullo 52SI005329 | 450 995 | 13 0 | Pittalis Gianraffaele RI |

EXCELLENT COWS

| Individual | Birth date | Qualifications | | | | | Index | | | Father | Mother | Maternal Grandf. | Calving interval/ age at calving | numb. of calvings/calving interval | Farm | |
|--------------------------------------|------------|----------------|-------|------|------------------|----|-------------|-----|-----|--|---|---------------------------------------|----------------------------------|------------------------------------|--------------------------------|----|
| | | points | Musc. | Dim. | Legs & Structure | BS | Morph. Ind. | CS | BS | | | | | | | |
| CHIANINA | | | | | | | | | | | | | | | | |
| Bisca 52PG130847 | 29-07-1992 | 90 | O | M | O | M | 101 | 104 | 107 | Eugenio 52LI102459 | Aulla 52PG106201 | Maullo 52SI005329 | 511 | 7 | Pittalis Gianraffaele | RI |
| Eberia 52PG138235 | 17-04-1995 | 90 | M | M | O | O | 97 | 96 | 100 | Iovoso 52SI122960 | Berta 52PG108879 | Tano 52AR006252 | 402 | 11 | Pittalis Gianraffaele | RI |
| Divina 52PI103829 | 30-12-1987 | 90 | M | O | O | O | 92 | 99 | 98 | Bertoldo 52LI101383 | Tona 52PI003445 | Pugno 52PI002381 | 683 | 10 | Pittalis Gianraffaele | RI |
| Nana' IT057000035520 | 11-04-2001 | 90 | O | O | O | M | 98 | 99 | 103 | Imperatore Del Macc IT017LI032C007 | Divina 52PI103829 | Bertoldo 52LI101383 | 373 | 6 | Pittalis Gianraffaele | RI |
| Regina Della Gines IT057990016073 | 29-08-2005 | 90 | M | O | O | M | 99 | 100 | 104 | Pardo Della Ginestra IT057000060687 | Genica 52PG124306 | Urpino 52SI020702 | 346 | 2 | Pittalis Gianraffaele | RI |
| Tamara IT052990018671 | 03-05-2007 | 90 | O | M | O | M | 107 | 109 | 113 | Nurso Di Moglie IT054000063694 | Ionella IT008SI010C011 | Elvo Della Favorita 52PG139839 | 0 | 1 | Ceccobao Alessandro | SI |
| Postumia Del Chios IT052990004359 | 31-12-2003 | 91 | O | O | O | O | 98 | 117 | 112 | Faldo 52SI116757 | Giada Del Chiostr 52SI136375 | Falto Del Chiostr 52SI117089 | 426 | 4 | Fabbrini Giuseppe E Maurizio | SI |
| Turina Del Chiostr IT052990018246 | 17-06-2007 | 90 | M | O | O | M | 108 | 118 | 119 | Priamo IT049990001532 | Fina 52SI134212 | Falto Del Chiostr 52SI117089 | 0 | 1 | Fabbrini Giuseppe E Maurizio | SI |
| Umbra Del Chiostr IT052990020653 | 08-05-2008 | 90 | O | O | O | M | 99 | 118 | 112 | Mammot Del Chiostr IT052000204925 | Quintilia Del Chiostr IT052990004365 | Luano Del Chiostr IT052000202205 | 0 | 0 | Fabbrini Giuseppe E Maurizio | SI |
| Pomposella IT055000023314 | 30-08-2003 | 91 | O | O | O | M | 100 | 121 | 115 | Giove Della Favorita 52PG144441 | Nostrana IT055000010711 | Dardo Di Fontarroncc 52AR112331 | 413 | 2 | Fabbretti Lorenzo | TR |
| Rametta IT055000028553 | 24-12-2005 | 90 | O | O | O | M | 102 | 109 | 110 | Fabio 52PG140810 | Ovania IT055000022763 | Loro Di S. Giuseppe IT050000200044 | 416 | 2 | Fabbretti Lorenzo | TR |
| Rosetta IT055000028554 | 29-12-2005 | 90 | M | O | O | M | 109 | 111 | 116 | Fabio 52PG140810 | Palombina IT055000320473 | Nurso Di Moglie IT054000063694 | 602 | 2 | Fabbretti Lorenzo | TR |
| Samba Della Favor IT054990062965 | 22-08-2006 | 90 | O | O | O | M | 115 | 118 | 124 | Priamo IT049990001532 | Nania Della Favorita IT054000057519 | Ianto 52PG146319 | 0 | 1 | Az. Agr. Dall'armellina Silvio | VI |

EXCELLENT COWS

MARCHIGIANA BREED

7 provinces / 25 cows / 17 farms

| provinces | n. of Excellent cows | farms |
|-----------------|----------------------|-------|
| Ancona | 5 | 4 |
| Macerata | 5 | 4 |
| Pesaro - Urbino | 5 | 3 |
| Pescara | 4 | 3 |
| Palermo | 3 | 1 |
| Vicenza | 2 | 1 |
| Ascoli Piceno | 1 | 1 |

Pedigree:

20 father / 19 maternal grandfathers

Maternal grandparents with the greatest number of nephews with Excellent Feedback:

- Gomero (3 cows)
- Iggio (2 cows)
- Damasco (2 cows)
- Erode (2 cows)

Bulls with the highest number of Excellent scored Daughters (two daughters each):

Cirio, Didone, Dolce Genio, Mirino

Best scored = 91 point to two cows

- Occlusa (Lotar's daughter), F.Ili Mei Carni, MC.
- Quasa (Genio's daughter), Ciarcelluti Renato farm, PE.

Genetic merit of the excellent cows: 110.4

Best Cow Selection Index: 124

- Sana (Mugello's daughter), D'Amico Franco, PE

Best Calving Cows: 10

- Festosa (Dolce's daughter), Smargiassi Piero farm, AN;
- Fusa (Mirino' daughter), Carnevali Donatella farm, MC.

Farms with the highest number of Excellent cows:

| Excellent cows | Farms |
|----------------|--------------------------------|
| 3 | La Torrazza farm, PA |
| 2 | Meschini Angelo farm, MC |
| 2 | Dall'Armellina Silvio farm, VI |
| 2 | Smargiassi Piero farm, AN |
| 2 | La Bigotta farm, RN |
| 2 | Ciarcelluti Renato farm, PE |

Average calving: 464 days

Best Calving: 344/3

Quater (Bilio's daughter), Pasquini Gino, PU;

Lower age at first calving: 765 days

Regina (Cirio's daughter), Maurizi Giovanni, AP

Mother of bulls tested at the Genetic Centre: 5

Calves of Excellent cows tested on Genetic Centre: 9

Excellent cows – Female Championess in National Exhibition:

- **Festosa** (Dolce's daughter), Smargiassi Piero farm, AN – Senior Championess, 2003;
- **Santa** (Limpido's daughter), "La Bigotta" farm, PU – Junior Reserve Championess, 2007;
- **Quercia** (Erode's daughter), Vissani Valentino farm, MC – Junior Championess, 2005
Senior Championess, 2009

EXCELLENT COWS

| Individual | Birth date | Qualifications | | | Index | | | Father | Mother | Maternal Grandf. | Calving interval/ age | numb. of calvings/calving | Farm | | |
|------------------------------------|------------|----------------|------|----------------|-------|-------------|-----|--------|--------|-------------------------------------|---------------------------------------|---------------------------|-------------|---------------------------|--------------------------------------|
| | | Musc. | Dim. | Legs & Struct. | BSI | Morph. Ind. | CSI | | | | | | | | |
| MARCHIGIANA | | | | | | | | | | | | | | | |
| Teresa IT041990037784 | 12-11-2007 | 90 | O | O | O | M | 104 | 110 | 109 | Indio IT044AN002C016 | Erta 51PS116723 | Buco 51PS111765 | 0 0 | Az.agr.vitali Paolo AN | |
| Sandra IT041990023851 | 22-02-2006 | 93 | B | M | B | B | 99 | 102 | 101 | Mirino 51PE105642 | Pica IT041000047908 | Elios 51AN127541 | 0 996 | Comune Di Fabriano AN | |
| Pesca Del Conero IT042000042982 | 01-07-2003 | 90 | O | O | O | M | 108 | 111 | 112 | Lupo IT041000023305 | Manola 2o Del Coner IT042000039632 | Damasco 51MC131056 | 454 978 | 4 1 | Salciccia Franco AN |
| Festosa 51AN130464 | 29-05-1996 | 90 | M | O | O | O | 101 | 109 | 106 | Dolce 51AN125303 | Disputa 51AN105929 | Astro 51AN100782 | 404 839 | 10 4 | Smargiassi Piero AN |
| Isotta IT044AN002C001 | 08-04-1998 | 90 | O | B | O | M | 109 | 104 | 109 | Dolce 51AN125303 | Isea 51AN113926 | Desto 51AN106756 | 539 1485 | 6 1 | Smargiassi Piero AN |
| Regina IT04499000260 | 25-04-2005 | 90 | O | O | O | B | 105 | 118 | 113 | Cirio 51MC128587 | Nella IT044000033605 | | 592 765 | 2 1 | Maurizi Giovanni AP |
| Terra IT041990031763 | 05-02-2007 | 90 | O | M | O | M | 108 | 109 | 111 | Nimrod Del Conero IT042000042093 | Milla IT042000038457 | Foto 51AN129520 | 0 937 | 1 0 | Attina' Andrea FR |
| Fusa 51MC136387 | 27-12-1996 | 90 | M | O | O | M | 105 | 111 | 110 | Mirino 51PE105642 | Luisa 51AN113785 | Vello 51AN007873 | 417 1004 | 10 3 | Carnevali Donatella MC |
| Occlusa IT043000024785 | 20-11-2002 | 91 | O | O | O | M | 110 | 114 | 115 | Lotar IT042000030051 | Lieta IT043000016456 | Damasco 51MC131056 | 380 810 | 5 0 | F.lli Mei Carni Di Mei A. & C. MC |
| Torre IT043990019814 | 07-02-2007 | 90 | M | M | O | M | 106 | 94 | 102 | Pergolo IT044990000257 | Lunga IT043000050521 | Lezio 51MC119850 | 0 1065 | 1 0 | Meschini Angelo MC |
| Tanica IT043990029706 | 18-10-2007 | 90 | M | M | O | M | 97 | 106 | 101 | Ringo IT043990014059 | Ravenna IT043990008772 | Erode 51PS116651 | 0 0 | 0 0 | Meschini Angelo MC |
| Quercia IT043990001441 | 10-02-2004 | 90 | O | M | O | M | 98 | 107 | 102 | Erode 51PS116651 | Galassia IT003MC041B004 | Daino 51MC130819 | 379 927 | 4 0 | Vissani Valentino MC |
| Rori IT043990007141 | 30-03-2005 | 90 | O | M | O | M | 101 | 108 | 105 | Palio IT043000026831 | Osaka IT043000024155 | Mugello IT043000017971 | 336 885 | 3 0 | Vissani Valentino MC |
| IT082000002638 | 01-03-1999 | 90 | O | M | O | M | 99 | 95 | 97 | Didone 51MC130650 | Doriana 51MC129189 | Nettuno 51MC124335 | 707 853 | 5 0 | Az. Agr. Torrazza PA |
| IT082510000544 | 01-06-1999 | 90 | M | M | O | M | 95 | 98 | 95 | Dambo 51MC130155 | Cedra 51MC129517 | Iggio 51MC118034 | 617 0 | 6 0 | Az. Agr. Torrazza PA |
| IT082510021724 | 17-12-2001 | 90 | M | M | O | M | 98 | 100 | 99 | Didone 51MC130650 | Cedra 51MC129517 | Iggio 51MC118034 | 523 1036 | 4 0 | Az. Agr. Torrazza PA |
| Tadina IT068990024542 | 02-01-2007 | 90 | M | O | O | M | 103 | 110 | 108 | Orione IT041000038623 | Piola IT068000033979 | Gomero IT054MC008B008 | 0 840 | 1 0 | Alcini Tiziana PE |
| Nunziata IT068000025134 | 11-10-2001 | 90 | M | O | O | M | 108 | 111 | 112 | Cirio 51MC128587 | Enica 51PE114025 | Belindo 51AN121695 | 366 817 | 6 0 | Ciarcelluti Renato PE |
| Quassa IT068990009127 | 30-08-2004 | 91 | O | O | O | M | 106 | 102 | 106 | Genio 51AP118222 | Nanda IT068000016701 | Gomero IT054MC008B008 | 371 800 | 4 0 | Ciarcelluti Renato PE |
| Quilla IT068990010239 | 26-08-2004 | 90 | O | O | O | B | 106 | 105 | 108 | Mugello IT043000017971 | Firma 51PE116463 | Nerino 51MC124228 | 670 862 | 2 0 | D'amico Franco PE |
| Sana IT068990018638 | 08-10-2006 | 90 | M | O | O | B | 118 | 118 | 123 | Mugello IT043000017971 | Peppina IT068990002539 | Lotar IT042000030051 | 0 870 | 1 0 | D'amico Franco PE |
| Quater IT041990000320 | 02-11-2004 | 90 | M | O | M | M | 110 | 106 | 112 | Bilio 51MC125979 | Olga IT041000042005 | Gomero IT054MC008B008 | 344 889 | 3 0 | Pasquini Gino PS |
| Tonia IT041990032471 | 10-04-2007 | 90 | M | O | O | B | 106 | 106 | 108 | Genio 51AP118222 | Quater IT041990000320 | Bilio 51MC125979 | 0 1006 | 1 0 | Pasquini Gino PS |
| Ostia IT041000011336 | 14-04-2002 | 90 | O | M | O | M | 104 | 107 | 107 | Limpido IT043000016647 | Fiocca 51PS116908 | Ciano 51PS114268 | 369 886 | 6 0 | Soc.agr."la Bigotta" PS |
| Santa IT041990020886 | 29-09-2006 | 90 | O | M | O | O | 99 | 110 | 105 | Piombo IT043000005471 | Ostia IT041000011336 | Limpido IT043000016647 | 0 908 | 1 0 | Soc.agr."la Bigotta" PS |
| Sonia IT041990020136 | 30-06-2006 | 90 | O | M | M | M | 106 | 101 | 106 | Nimrod Del Conero IT042000042093 | Dino IT046CH260C035 | Dino 51CH110619 | 0 1025 | 1 0 | Mattei Simone PU |
| Susy IT024990089272 | 23-03-2006 | 90 | M | O | O | O | 100 | 112 | 107 | Cirano 51AN123750 | Norma IT042000040597 | Impero IT041PS002C029 | 508 823 | 2 0 | Az. Agr. Dall'armellina Silvio VI |
| Utopia IT024990201210 | 09-02-2008 | 90 | M | M | O | M | 97 | 110 | 103 | Nuvolari 51AN119746 | Quercia IT024990053108 | Erode 51PS116651 | 0 0 | 0 0 | Az. Agr. Dall'armellina Silvio VI |

EXCELLENT COWS

ROMAGNOLA BREED

2 provinces / 19 cows / 10 farms

| provinces | n. of Excellent cows | farms |
|----------------|----------------------|-------|
| Ravenna | 10 | 5 |
| Forlì - Cesena | 9 | 5 |

Pedigree:

13 father / 16 maternal grandfathers

Bulls with the highest number of Excellent scored Daughters:

Azzurro = 3 daughters
V.U. Eolo = 2 daughters
V.U. Ivanhoe = 2 daughters
V.U. Navaho = 2 daughters

Maternal grandparents with the greatest number of nephews with Excellent Feedback:

Azzurro = 3 cows
Boy = 2 cows
V.U. Eolo = 2 cows

Genetic merit of the excellent cows: 109.4

Best Cow Selection Index: 124

- Tosca delle Querce (V.U. Navaho daughter), Mascheri Marinello farm

Average calving: 411 days

Best Calving: 349/7

V.U. Ninfa (V.U. Navaho daughter) Mascheri Marinello farm, FC

Farms with the highest number of Excellent cows:

| Excellent cows | Farms |
|----------------|--|
| 3 | Mascheri Marinello, FC |
| 3 | "Ville Unite" Gianluca Giuliani's farm, RA |
| 2 | Mariani S.S. farm, RA |
| 2 | Mezza Cà farm, FC |
| 2 | Pozzi Simone farm, RA |
| 2 | La Viola farm, RA |
| 2 | Verlicchi Brothers. RA |

Lower age at first calving: 835 days

V.U. Ninfa (V.U. Navaho daughter) Mascheri Marinello farm, FC

Cow with the highest number of calving:

Bice (Azzurro x Treno)
Mariani S.S. farm, RA

Mother of bulls tested at the Genetic Centre: 13

Calves of Excellent cows tested on Genetic Centre: 26

Excellent Cows with the highest number of Performance tested sons:

- 4 calves: Bice (Azzurro x Treno), Mariani S.s. farm, FC;
- 3 calves: Isabella Babini (Calore x Alto), Rivalona farm, RA
V.U. Letizia (Azzurro x Tarcisio), Mezza Cà farm, FC
Pamela Delle Querce (Ivan x Baudo) Verlicchi Brothers, RA

EXCELLENT COWS

Best Results in National Exhibition:

- Isabella Babini (Calore's daughter), Rivalona farm, RA – National Junior Championess, 2000;

- Orchidea (Bandolero's daughter), Verlicchi Bothers, RA – National Junior Championess, 2003;

- La Viola Ilaria (Pupo's daughter), La Viola farm, RA – National Senior Championess, 2004;

- Ville Unite Ira (Ville Unite Eolo's daughter), Gianluca Giuliani farm, RA – National Senior Championess, 2005;

- Ville Unite Ninfa (Ville Unite Ivanhoe's daughter), Gianluca Giuliani farm, RA – National Senior Championess, 2006;

- Primula Delle Querce (Ville Unite Ivanhoe's daughter), Mezza Cà farm, FC – National Senior Championess, 2007 National Senior Reserve Championess, 2010

- Sulmona (V.U. New York's daughter), Mariani S.s. farm, RA National Junior Reserve Championess, 2007 National Senior Reserve Championess, 2009

- Fardini Quieta(V.U. Naif's daughter), Mascheri Marinello farm, FC National Senior Championess, 2009-2010

- Tosca Delle Querce(V.U. Navaho's daughter), Mascheri Marinello farm, FC National Junior Championess, 2009 – 2010

EXCELLENT COWS

| Individual | Birth date | Qualifications | | | Index | | | Father | Mother | Maternal Grandf. | Calving interval age at | numb. of calvings/calve | Farm | | | |
|--|------------|----------------|--------------|-------|-----------------------|-----|-------------|--------|--------|---|---------------------------------|-----------------------------------|-------------|---------|--------------------------------|----|
| | | Points | breed traits | Musc. | Legs & Struct. Dim | BSI | Morph. Ind. | | | | | | | CSI | | |
| ROMAGNOLA | | | | | | | | | | | | | | | | |
| Bice 54FO124900 | 15-08-1992 | 90 | O | M | O | M | 103 | 100 | 104 | Azzurro 54FO117910 | Miranda 54FO107097 | Treno 54FO008325 | 433 1053 | 13 4 | Az. Agr. Mariani S.s. | FC |
| Sulmona IT040990018581 | 16-04-2006 | 90 | O | M | O | M | 103 | 115 | 112 | Ville Unite New York IT039666671880 | Dionira 54FO130940 | Tonante 54RA104656 | 0 908 | 1 0 | Az. Agr. Mariani S.s. | FC |
| Primula Delle Querce IT039333340356 | 21-06-2003 | 90 | O | O | O | M | 99 | 117 | 110 | Ville Unite Ivanhoe 54RA111258 | Moira IT039333334821 | Boy 54RA107863 | 419 925 | 4 1 | Az.agr. Mezza Ca'-daga A. E F. | FC |
| Ville Unite Letizia IT039666667263 | 20-04-1999 | 90 | O | O | O | B | 97 | 97 | 98 | Azzurro 54FO117910 | Cesarina li 54RA106904 | Tarcisio 54RA104707 | 534 941 | 6 3 | Az.agr. Mezza Ca'-daga A. E F. | FC |
| Questura Babini IT039990006114 | 22-07-2004 | 90 | O | M | O | M | 104 | 127 | 119 | Ville Unite Maracana' IT039666669842 | Onda Babini IT039666671681 | Ville Unite Ivanhoe 54RA111258 | 376 1308 | 2 0 | Martinetti Claudio E Moreno | FC |
| Ville Unite Ninfa IT039666671872 | 27-05-2001 | 90 | O | M | O | M | 102 | 112 | 109 | Ville Unite Ivanhoe 54RA111258 | Ville Unite Fiaba 54RA110480 | Boy 54RA107863 | 349 835 | 7 1 | Mascheri Marinello & C.s.s. | FC |
| Tosca Delle Querce IT039990013174 | 09-05-2007 | 90 | M | O | O | M | 118 | 132 | 131 | Ville Unite Navaho IT039666669857 | Orchidea IT039333339026 | Bandolero 54RA108108 | 0 0 | 0 0 | Mascheri Marinello & C.s.s. | FC |
| Fardini Quieta IT040990006840 | 24-06-2004 | 90 | O | O | O | B | 102 | 109 | 108 | Ville Unite Naif IT039666671876 | Fardini Ilona IT050FO007C022 | Ville Unite Eolo 54RA109886 | 382 1118 | 3 0 | Mascheri Marinello & C.s.s. | FC |
| Luna IT040500006141 | 19-09-1999 | 90 | O | O | O | M | 101 | 110 | 108 | Emiro 54RA109747 | Delia 54FO130471 | Indios 54FO111652 | 438 963 | 7 0 | Mascheri Olivano E Nello | FC |
| Isabella Babini IT016RA057C011 | 12-09-1998 | 90 | O | O | M | O | 94 | 100 | 98 | Calore 54RA108592 | Donatella 54RA108958 | Alto 54FO123289 | 474 837 | 8 3 | Az. Agr. Rivalona | RA |
| Monica IT039666669278 | 01-03-2000 | 90 | O | M | O | M | 101 | 104 | 105 | Ville Unite Eolo 54RA109886 | Bambolina 54RA108061 | Zeus 54RA106651 | 422 1002 | 7 2 | Az.agricola Pozzi Simone | RA |
| Quattrina IT039990004410 | 03-03-2004 | 90 | O | M | O | M | 117 | 118 | 124 | Ville Unite Navaho IT039666669857 | Monica IT039666669278 | Ville Unite Eolo 54RA109886 | 479 1052 | 3 2 | Az.agricola Pozzi Simone | RA |
| Orchidea IT039333339026 | 16-05-2002 | 90 | O | M | O | M | 107 | 125 | 120 | Bandolero 54RA108108 | Cleopatra 54RA108730 | Azzurro 54FO117910 | 408 929 | 5 1 | Fratelli Verticchi S.s. Agrico | RA |
| Pamela Delle Querce IT039333339030 | 06-01-2003 | 90 | O | M | O | M | 104 | 104 | 107 | Ivan 54PS001696 | Dalila 54RA108729 | Baudo 54FO120380 | 455 912 | 4 3 | Fratelli Verticchi S.s. Agrico | RA |
| Ville Unite Ira IT014RA153C016 | 15-10-1998 | 90 | O | O | O | M | 110 | 109 | 114 | Ville Unite Eolo 54RA109886 | Clara 54RA108165 | Azzurro 54FO117910 | 575 965 | 6 0 | Giuliani Gian Luca | RA |
| Ville Unite Marlene IT039666669849 | 19-07-2000 | 90 | O | O | O | M | 105 | 104 | 108 | Ville Unite Guru B015 54RA110988 | Cortina 54RA108567 | Azzurro 54FO117910 | 420 867 | 6 2 | Giuliani Gian Luca | RA |
| Ville Unite Nugget IT039666671882 | 03-12-2001 | 90 | O | O | O | M | 91 | 97 | 94 | Azzurro 54FO117910 | Cloe 54RA108580 | Lubio 54FO114937 | 422 890 | 6 1 | Giuliani Gian Luca | RA |
| La Viola Ilaria IT014RA121C049 | 04-08-1998 | 90 | M | O | O | M | 105 | 118 | 114 | Pupo 54RA108612 | Bionda 54RA107868 | Vano 54BO107301 | 498 1033 | 7 1 | La Viola S.r.l | RA |
| La Viola Nina IT039666672237 | 01-11-2001 | 90 | M | O | O | M | 87 | 110 | 98 | La Viola Idone 54RA111191 | La Viola Furba 54RA110453 | Pupo 54RA108612 | 483 1225 | 4 2 | La Viola Srl | RA |



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