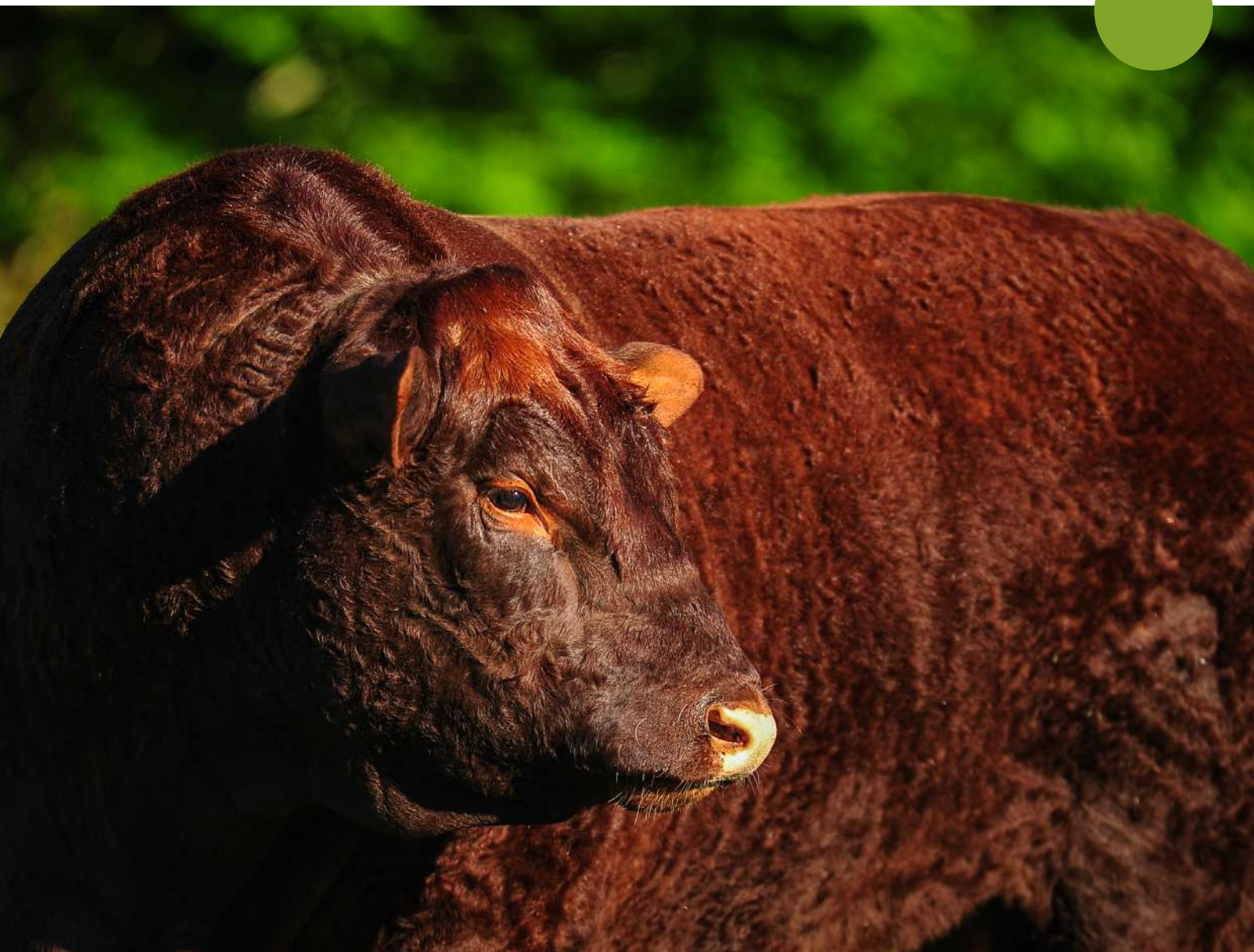


20
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ANUÁRIO ABCDB

BRAZILIAN ASSOCIATION OF DEVON AND BRAVON BREEDERS



Devon Camboatã

Genética de Resultado

Reprodutores

Matrizes

Sêmen

Embriões



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EDITORIAL

*We have the joy of
highlighting the
advantages of our breeds
Devon and Bravon.*

Dear Readers,

The Brazilian Association of Devon and Bravon Breeders (ABDCB) presents the Yearbook of Devon and Bravon Breeds 2023. The Board of the entity and breeders mobilize annually to bring this tool for the dissemination of Devon and Bravon breeds. In this edition, we are happy to highlight the advantages of our breeds, through the history and bold work of Almor Antonioli and family. Considering the Certified Devon Meat Program, we present an article on the appreciation of forequarter cuts; the results and importance of carrying out the 3rd Food Efficiency Test in partnership with UFRGS; and the use of modern tools to support animal selection, through the ultrasound technique for evaluating carcasses; and management with Creep Feeding.

We also bring an invitation to the next international event of the breed, to be held in the USA in 2024, celebrating the Devon's birthday in that country. ABCDB will support the mobilization to bring an expressive representativeness to the USA. And, reports on the participation of our entity and its creators in events held in 2022 in the south of the country, as well as achievements of different awards.

We also bring an important article about the pioneering spirit of ABCDB, through its participation in the National Livestock Front; as well as the recognition and inauguration of our former President Gilson Barreto Hoffmann in the direction of FEDERACITE. And, we highlight the female leadership, in the countryside and in the city, of our creator Maria Helena Baldisseroto.

Thus, with this successful team and set of such relevant themes, ABCDB is honored to have your attention and wishes you a great reading.

Betty Cirne-Lima

SUMÁRIO



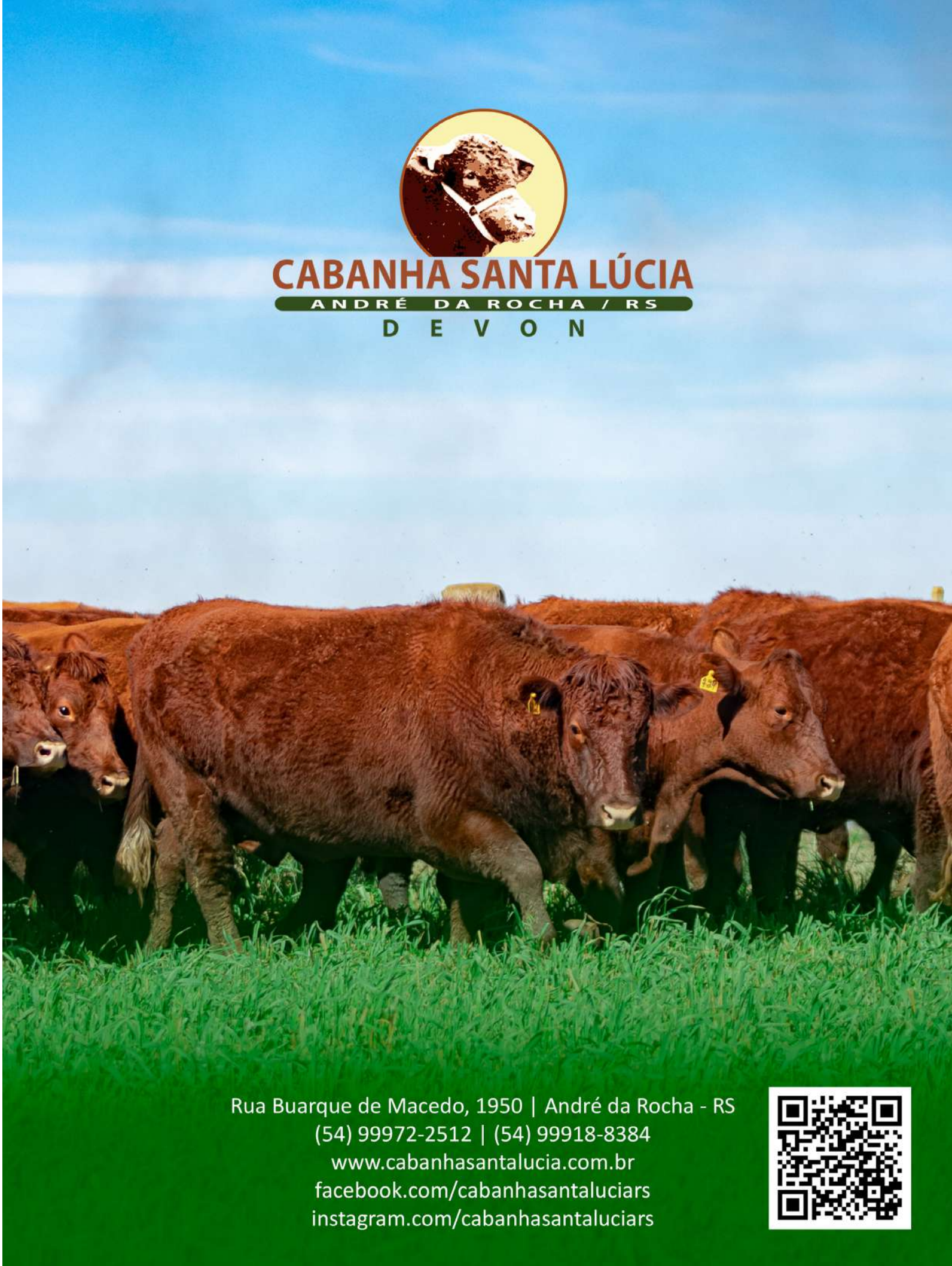
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ABCDB

participates in the creation of national livestock front

Unprecedented initiative wants to defend issues of interest of beef and dairy cattle producers



Front is made up of 14 entities

The Brazilian Association of Devon and Bravon Breeders (ABCDB) participated in the creation of the Front of Associations of Bovines do Brazil (FABB), which aims to align the technical, political and communication demands of livestock Brazilian, especially with the Ministry of Agriculture, Livestock and Supply (MAPA). the vice president Simone Bianchini represented ABCDB at the meeting that brought together 14 entities holding bovine records, during the 88th ExpoZebu, in Uberaba (MG), on May 5 this year. The sector believes that joint action should ensure broader opportunities to participate in matters of interest to meat

and milk producers in the country. «We have important demands, this front is a way of entities seek the results that, effectively, both needs. We act together in favor of all cattle raisers», summarizes Biancheri. The initiative, unprecedented in national livestock, was approved by unanimity among the participants, all associations should play an equal role in the future Front. The first entity coordinating the FABB is the Brazilian Association of Zebu Breeders (ABCZ). The change of leadership will take place every year, alternating between entities.

DEVON IN THE USA

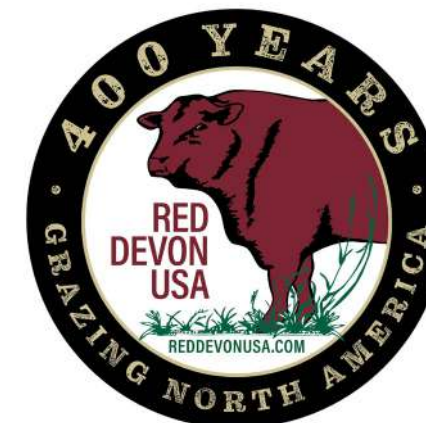
World Congress commemorates the 400 years of Devon in the USA

The Tour will travel the East Coast to the place where the first specimens arrived

The year 2024 will be marked by the celebrations of 400 years of the arrival of the Devon breed to the Americas. The Congress Devon World Cup, which traditionally brings together breeders from around the world, will take place between the months of April and May, in the United States, and should count on the participation of a group of Brazilians.

The tour kicks off in Monticello, Florida on April 21st and is expected to last for 12 days. The program foresees ten stops to visit selected properties, to exchange of knowledge and

information, ranging from management, history and even new technologies used in beef cattle. It will be a journey of more than two thousand kilometers along the coast American east, to the north of the country. The tour ends with the Congress scheduled for May 2 at Plymouth Plantation, a living history museum complex located in Plymouth, Massachusetts, where the First Devon animals arrived, in 1623/1624. The reservations must be made through the official website of the event the secretariat of ABCDB is available for further information by telephone 53 3227.8556 (also text messages).



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Reinaldo Cherubini Filho e Fam.
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Nome: Santo Antônio Thor-TE
Pai: Santo Antônio 275 Scorrier (Guga)
Mãe: Santo Antônio 167 SA083 J533

Peso: 1155 kg / Altura 1,50 m / PE: 47 cm / AOL: 142,5

Sêmen disponível

Contato: (16) 3797.1500 / (49) 99973.0739 / (54) 99973.9109



Tupi farm receives Firmino Jacques Trophy

The award is given to the female that achieves the best performance in exhibitions in Campos de Cima da Serra



The Paludo Sisters with the Trophy

The traditional Coronel Firmino Jacques Trophy was awarded to the owners and administrators of Fazenda Tupi, during a festive lunch on March 31 of this year, at the headquarters of the property, in Nova Prata (RS), which brought together breeders, family and members of the Devon Breeders' Core and Bravon dos Campos de Cima da Serra and members of the Board of Directors from ABCDB. The prize, traveling, is destined to the owner of the female Grand Champion of the Devon breed in the exhibitions agricultural activities carried out in the municipalities that make up the Nucleus of Creators of Campos de Cima da Serra. The region stands out as one of the most important centers of creation of race in the country.

The animal that stood out at Fazenda Tupi is the cow Kaurivale da Tupi 156, from New Zealand genetics, whose sire is from the lineage of Rotokawa 688, one of the most important in the genetic improvement of the Devon breed, and the dam is from the Kaurivale lineage, which also produced an offspring of high genetic quality, with many animals awarded in several events of the Devon Breed.

The sisters Bernardete Paludo, Ilda Paludo, Maria de Lourdes Paludo Mondim, Nair Ana Paludo Barreto Hoffmann and Salette Paludo, who received the painting representing the award from the hands of Marcos Pandolfi, from Camboatã Agropecuária, holder of the trophy until then. Devon's herd at Tupi was started by the father of the owners, businessman Vicencio Paludo, in 1988, with the acquisition of six selected

cows. The current herd is 50 Devon PO animals and still Devons commercial for the production and finishing of calves, all with outstanding genetic quality.

The Coronel Firmino Jacques trophy bears the name of the creator who introduced the Devon breed to the region in 1912. In the format of frame, bears the photo of a Devon cow, which in 1937 reached live weight of 935 kg and yielded 619 kg of meat. The creation was the initiative of Aino Jacques, grandson of Colonel Firmino and member of NucriDevon from Campos de Cima da Serra (which includes André da Rocha, Bom Jesus, Capão Bonito do Sul, Caxias do Sul, Esmeralda, Pinhal da Serra, Ibiraiaras, Red Lagoon, Monte Alegre dos Campos, Many Capões, Muliterno, Nova Prata, Paim Filho, São Francisco de Paula, São José dos Absentes and Vacaria). "The winning of the trophy Firmino Jacques is the result of a healthy dispute. she serves as encouraging exhibitors to invest in improving the herd genetics. This work must be permanent", summarized Rodrigo Cherubini, president of the nucleus in that date. At the same event, veterinarian Thiago Jacques the new director of the entity in the region was announced.

Two other awards, also itinerant, are delivered every two years: the Reinaldo Cherubini trophy, intended for the owner of the Grande Campeão male (instituted by Luiz Fernando Cirne Lima) and the Amantino and Lucia Barreto trophy from Costa, which is delivered to the owner of the best calf and has been suggested by Cirano Vieira Marques, when sworn in.

ALMOR ANTONIOLLI

BORDERLESS

The lived and told stories of the pioneer who took the Devon race to the Savannah

Luísa, Miguel, Ana Clara and Beatriz fill the living room with Almor and Ana Gilda Antonioli, in Nova Prata, in Serra Gaúcha. The jokes draw smiles and looks of complicity from the «Grandfather». They already know your generosity and, little by little, they begin to learn more about the enterprising man who is passionate about livestock, which explored the Bahian cerrado, taking Devon to lands hitherto unknown. Deep connoisseur and enthusiast of race, Almor Paulo Antonioli collects stories and many friends throughout its 79 years.

The son of Mr. Armando and Dona Leonor was a child when creation of Devon cattle started on the family land. The first crosses were purchased from Reinaldo Cherubini, Almor's godfather, and a few years later came the PO copies. Ever since I was young, he had a taste for reading and, even more, for learning. As soon as he ended his studies, he took over the property in Nova Prata. Aino Jacques, who has known him since his youth, highlights virtues in his friend such as courage, boldness, dedication and intelligence. "Almor had a good training as an agricultural technician and is self-taught in many things. He had a great experience in rural life, which he knew enjoy very well, and an obstinacy for work. I know few people have that aptitude." Jacques also highlights a Antonioli's unrivaled ability to listen to people. «He always listened to stories from both sides and drew his own conclusions, he is an open and very lucid person".

Almor Antonioli tells that he learned to admire the Devon breed from the father and the godfather, who's used to ride in the back of the horse. Therefore, when he decided to leave Serra Gaúcha for a new life in Bahia, at the age of 40, in 1984, he soon thought of starting a squad in region, despite the higher temperatures. It started by planting of soybeans, which changed the landscape of Correntina, in western Bahia, to more than 900 kilometers from Salvador. The farm was named of Prata Nova in honor of his hometown and the first Devon arrived four years later. Asked about the reaction of neighbors to the arrival of the Devon cattle, he laughs: "They were so surprised that they confused with Bison".

Claudio Plácido Silva Ribeiro is one of the friends who know the property, which has been awarded several times for its high rates of productivity and model of crop-livestock integration. «O Almor stood out in rural areas for his intelligence and ability. It conquered respect, admiration and was always recognized by leadership. Undoubtedly, his greatest achievement was Prata Nova, which became a modern property and reference in agriculture and livestock". The rural producer from Camaquã highlights the pioneering spirit of Antonioli in taking the breed to the Cerrado. "I participated in two field days with breeders from that region



Eduardo Rocha

and their fellow gauchos, moreover, Almor also organized Devon's participation in the Salvador exhibition. The breed stood out and all the breeders were marketed. It is important to point out that the shares at Devon Congresses in England, New Zealand and Australia served as knowledge, exchange of opinions and strengthening of friendship", remembers Ribeiro.

One of the pioneers in Bravon production in the country, Antonioli sought heterosis among the Zebu cattle, predominant in the region, with the European Devon. "The first crossing started in 1991, from a batch of heifers, I bought from Sady Hoffmann and I put Zebu bulls. The result was very good, rustic animals who came from Nelore, with meat producers and maternal aptitude coming from Devon", recalls the breeder, who once had seven thousand Bravon heads on the property. Almor Antonioli was also important in expanding borders and opening of new markets for the Devon breed, as explained by Reinaldo Cherubini Filho. "A talk at the XII Convention in 1994, in Nova Prata, was essential to present the possibilities of Devon in another environment, unknown to most of the gauchos' breeders. Months later, he came to me because I wanted more bulls to increase the crossbreeding business. Newly we had founded the Devon Brasil group, so the bulls for sale were taken to Fazenda Santo Antônio (in Guabiju) and, from there, the trucks left for Bahia. Almor was our tip spearhead for Devon to go up to Brazil", he points out. Cherubini account that the farm became a reference for the region. "Who wanted settle down there, he would talk to Almor first. He always shared knowledge, was a spectacular host and even today is good for chatting".

Almor Antonioli was Devon's judge at Expointer in 1999 and 2015, the which was a great satisfaction for all. The Devon race bred relationshipsthat have been consolidated over the years. Rodrigo Cherubini, son by our great friend Reinoldes, defines this relationship well. «We are all passionate about the breed and livestock". And it speaks of the consideration that has for Antonioli: "He is ahead of his time. He's a visionary very determined and even a little stubborn, if you decide to do something, it will be done. I have

deep respect and admiration for him and our bond is brotherly. I could write a book of the stories that heard and witnessed, both at work and in the community or in the CTG. With great joy and pride, we are friends".

Daughters of Almor and Ana Gilda, veterinary doctors Claudia and Paula grew up in this environment and today they seek to continue the work of the father, together with the husbands André and Felipe, and passing on the they learned for their children. Claudia says that "children are hallucinated by the farm. They don't have as much coexistence with the animals, but they really enjoy being there". Claudia also reports that she learned in practice a lot of what knows to this day and that he had the best teacher in his father. «It's a big Breed enthusiast, his eyes shine for the Devon. He fought a lot for the Bravon and it is important that the race will continue. The phrase I've heard the most in my life was that 'It may not be the most popular breed or that impresses at first sight, but the big difference is felt in your pocket and proven on the scales (mainly on the Bravon)".

With affection and longing, Paula remembers the trips to the farm. "We were going in the back of the yellow D-20, it was two days under the canvas awning, in the middle of pieces, flour for polenta, straw brooms, cress seedlings, dog, finally, taking a little Nova Prata to Fazenda Prata Nova". And says it's impossible to separate the farmer's father. "A partner and friend who never had fear of putting ourselves in 'check' to face many situations. I'm sure his heart was in his hand, but he knew that we would learn to have confidence in ourselves. After of telling the challenges we went through, he said he knew that we could do it and that filled us with courage for new adventures".



Eduardo Rocha

These are the words of Paula, who considers her father a man who accomplished everything he set out to do, overcoming difficulties and without discouraged, that we ended this tribute to Almor Antonioli. "He built friendships, respect and admiration. From the farmer, I just have to say that he always loved and dedicated himself fully to everything. Accomplished what a man can do - truth he didn't write a book - but if I wrote it, it would certainly be a beautiful Saga".

FAZENDA TUPI


CRIAÇÃO DE GADO DEVON

GENÉTICA DE QUALIDADE

A criação de gado Devon na Fazenda Tupi tem como foco principal a qualidade, resultante da busca constante do melhoramento genético, através da participação do Programa de Melhoramento de Bovinos de corte (Promebo).

O rebanho da Tupi é composto por Gado Devon PO e também gado Devon comercial. Trabalhamos com a venda permanente de reprodutores e também de sêmen do Grande Campeão da Expointer 2018, consignado com a empresa Selectsires.

Para maiores informações contate:

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 nair-hoffmann@hotmail.com

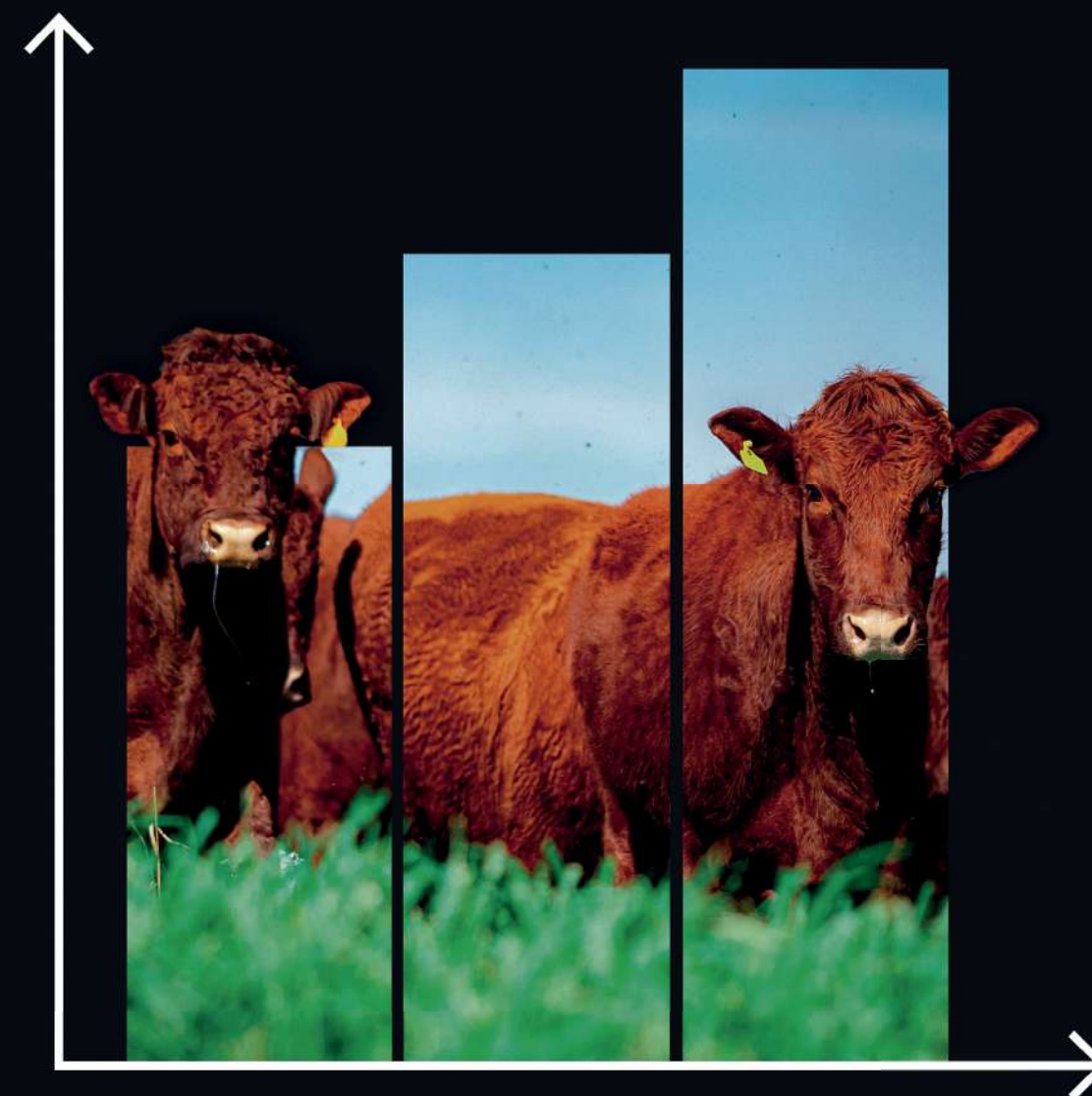


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Unidos somos fortes.



DADOS EM MÃOS, GARANTIA DE SELEÇÃO COM QUALIDADE



PROMEBO
Programa de Melhoramento Bovino



CABANHA

Timbaúba

1º DEVON MOCHO DO BRASIL

Família Silva Tavares



1º Devon Mocho Campeão no Brasil - 1960
Polled First da Timbaúba



Reservado Grande Campeão Expointer - 2013
Timbaúba Stonegrove 800



3º Melhor Macho Expointer - 2017
Timbaúba Milenium Sunset 1000



Campeão Chiripa Expointer - 2019
TAURA - Timbaúba 1151



TIMBAÚBA GAUDÉRIO 1424



PIONEIRA NO BRAVON 3/8



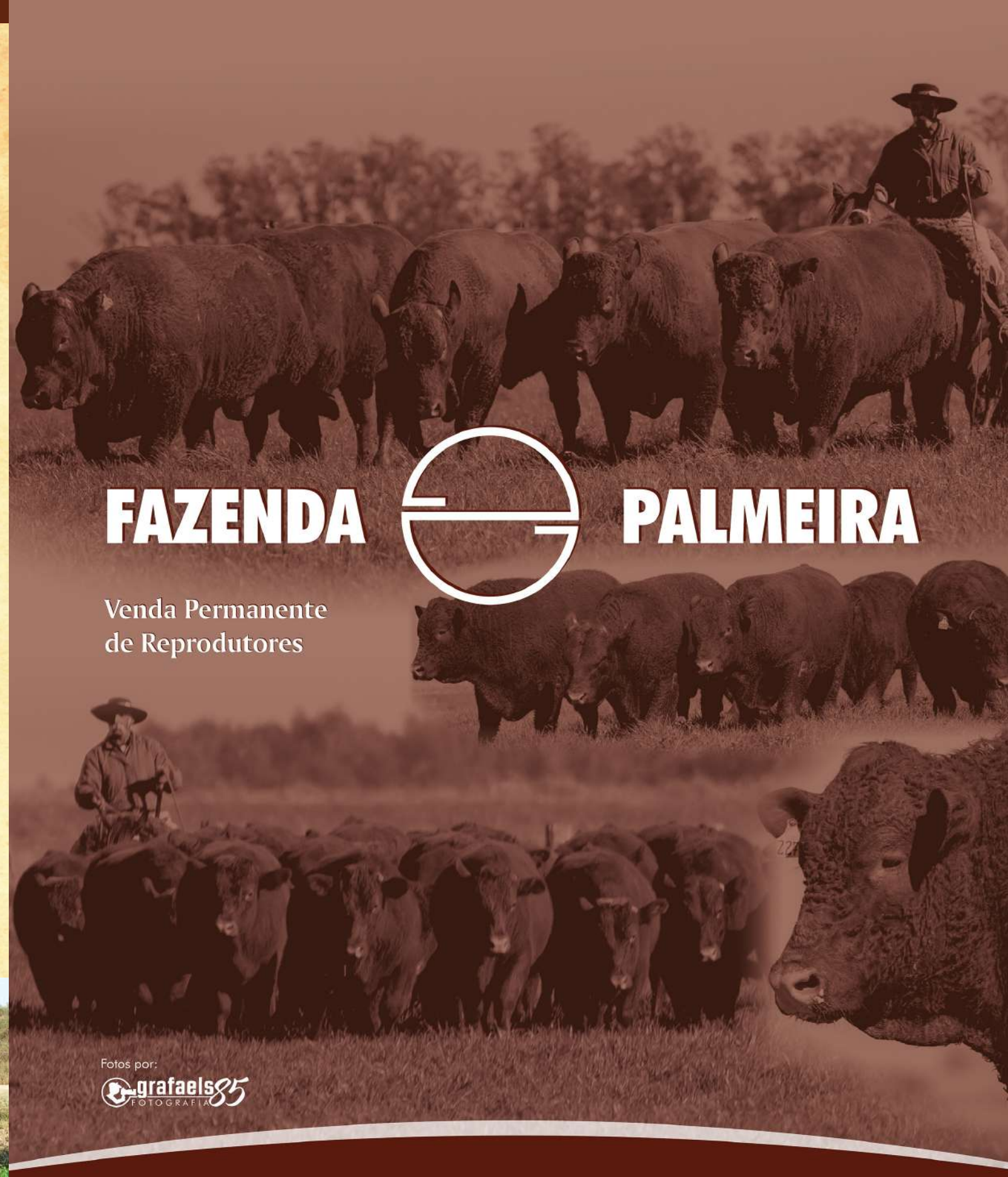
1º Grande Campeão Bravon no Brasil
Timbaúba Bravon 41
Expointer 1999



1º Touro Bravon em coleta no Mundo
TANNAT - Timbaúba Bravon 135
*Sêmen disponível - CORT Genética



Timbaúba Bravon Pontero 210
Vencedor prova CAR/UFRGS 2022 - Bravon



FAZENDA



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GENOMICS:

a tool for the decision-making

Livestock activity is increasingly complex and challenging. The scenario of reduced financial margins and the tendency for them to be tighter and tighter, reaffirms the challenge and the need for greater efficiency. In this context, breeders have a huge responsibility in choosing more assertive of the genetics that will be produced or used, so that the animals obtained are more productive, adapted and economically viable to the systems to which are inserted.

When we talk about genetic evaluation (AVG), it is about a multi-step process. The main ones being:

1. Data collection in a standardized way (measurements in specific ages, etc.);
2. data processing using programs and models suitable mathematicians;
3. issuance of report of evaluated products containing the DEPs (Expected Difference in Progeny) and selection indices;
4. Selection and disposal of inferior individuals;
5. Directed mating of the pre-selected. this cycle is repeated at each harvest and is fed back by the products born. What is sought with this evaluation is to estimate what is additive genetics, that which has the potential for transmission through gametes breeders, isolating it from the effects environmental.



The result of an AVG is related to the amount and, mainly, the quality of the information sources of the individuals that compose it (pedigree, phenotype and data of progeny). When we look at young animals, we have a major limitation, as these have few records of their own and still do not have progenies, making the estimate of their breeding value is less accurate. Genomics comes up as an alternative in an attempt to overcome this obstacle.

The discovery and use of molecular markers of the type single base polymorphisms (Polymorphisms), or simply SNP (read: "snip"), was a watershed and has allowed significant advances in the human health and animal production. SNPs are changes that occur in the genome and that may help explain differences between individuals in a population, such as pollen character, average weight gain diary, sexual precocity, loin eye area,

between others. The SNPs identification process goes through the collection of a biological sample (hair, blood, semen or tissue) from the animals to be evaluated, DNA extraction and use of a chip/panel containing the SNPs to then read the genomic data of each individual.

The incorporation of genomic information in the AVG of cattle from cutting started in 2009. From the beginning of the genomic era to the days current times, the number of animals assessed annually is increasing given the relevance that the results brought to the various races that have implemented genomic selection. another breakthrough important was the possibility of multiracial evaluations that allowed a dissemination of the use of the methodology in several breeds, including the Devon breed, making genetic predictions more robust and overcoming challenges imposed by groups of reduced contemporaries. Among the benefits arising from the genomics, we have the broadest selection of traits from economic interest and consequent genetic progress in several of them, the greater assertiveness in the choice of animals young (due to the greater accuracy of genetic values), and the identification and disposal of carriers of lethal genetic defects. In Brazil, we have a heterogeneity between the different AVG programs, in relation to the adoption of genomics. Some programs already have genomic summaries while others

not yet. The main benefits for those who use genomics, are: pedigree correction, greater accuracy of prediction, greater assertiveness in choosing males and females young people, reduction of the generational interval and genetic prediction for traits with low heritability and/or difficult to production (milk, carcass characteristics, resistance to tick, adaptation, etc.). Another data application genomics is confirmation of paternity. And recently, the use of SNPs was recognized by MAPA (ordinance SDA No. 789 of April 28, 2023) as an accepted methodology in the country. In this way, the breeders who carry out the genomic evaluation in their herd, they will be able to use that same sample for the confirmation of paternity of their animals.

Therefore, genomics acts as an auxiliary tool in the process of identifying and evaluating the productive potential animals, notably at a young age. allowing the breeder to know his genetic heritage to take the better selection decisions, in advance, so that the maintenance of more efficient individuals who contribute for the financial sustainability of the livestock business. *Thanks to Dr. Laiza Iung, zootechnician and data analyst at Neogen, for the construction and revision of this text.



REPRODUZIR BEM NOS PLANTÉIS DOS CLIENTES

Contato: Gilson Hoffmann (54) 99972-2512 - André da Rocha, RS

Gilson Barreto Hoffmann assume presidência da FEDERACITE

Devon Breeder in the Highlands Serra is an active figure in cattle raising in Rio Grande do Sul

Former President and current member of the Deliberative Council from the Brazilian Association of Devon and Bravon Breeders (ABCDB), Gilson Barreto Hoffmann is the new director of Federation of Integration and Exchange of Experiences Clubs (Federacite). Created 36 years ago, the entity is formed by rural producers dedicated to livestock and agriculture, with action aimed at the development of agribusiness in the Rio Grande do Sul. The change of command took place at the headquarters of Federacite, at Parque Assis Brasil, in Esteio, on the 18th of last May, during Fenasul, for a two-year term.

"It is an honor to chair Federacite, an entity that has fundamental importance in the exchange of knowledge and experiences among participating producers, Devon Breeder in the Highlands Serra is an active figure in cattle

raising in Rio Grande do Sul providing for the improvement and development of rural properties", says Hoffmann. The rancher, who succeeds Luiz Carlos Fettermann, belongs to Cite 120, nucleus which covers municipalities of Campos de Cima da Serra and has the participation, also, of other Devon breeders.

The veterinarian is the third generation of a traditional family of creators of the breed and one of the owners of Cabanha Santa Lucia, by André da Rocha (RS). Former Union President Rural by André da Rocha, Gilson Barreto Hoffmann was a server Secretary of Agriculture, Livestock and Rural Development (Seapdr) for 35 years and is currently also coordinator of Rio Grande do Sul Beef Livestock Sectorial Chamber.



Gilson Barreto Hoffmann assumes presidency of FEDERACITE

FRONT CUTS

bear the mark of quality of Devon genetics

Previously destined for slow cooking in pots because it was considered less noble, the meat of the front of the ox is now celebrated in the world of barbecue. Cuts such as Denver steak, chuck eye, strip roast and shoulder have an intense and rich flavor, the result of bovine breeding and certification programs, such as Devon beef.

“With good genetics and proper nutritional monitoring, there is no such thing as first or second-rate meat anymore. If the ox is good, he is good all over. Therefore, the cuts from the forequarter are as good as those from the hind quarter”, explains grill Gean Paiaka, with more than 20 years of experience and a specialist in special cuts.

At barbecue events across Brazil, Gean comments that hindquarter meat has lost ground to forequarter cuts, such as strip roast, “which many people ask to try and are dazzled by the flavor and tenderness of this meat”, he says.

Forequarter meat has some specific characteristics that differentiate it from other cuts, such as a rich flavor due to a higher intramuscular fat content. This fat contributes to the flavor and juiciness of the meat during cooking.

And the forequarter results in cuts that are good both for skewers, such as the granite and brisket tip, and for grilling, such as Denver steak, shoulder and Chuck eye steak. “It is a product with finer fiber and good marbling, which helps to absorb the melted fat and gives the meat more flavor”, points out Gean.

For him, the Devon is the most important British breed within the beef production chain. “I had the pleasure of working with Devon certified meat at Frigorífico São João since its inception. We are talking about a different animal, with different meat. In terms of the market, there is still a lot to grow”, completes Gean.

If forequarter meat today pleases the most demanding palates, it is because there is a work of genetic excellence in the field, producing high quality animals, as is the case with the specimens found in Top Devon.

At Top Devon, it is possible to purchase breeders and matrices with the mark of quality Devon meat, the result of its racial purity and centuries of selection. “Added to this, many of the animals have DEPs for carcass traits, improving the already known meat quality of the breed and guaranteeing

cattle ranchers the production of steers that produce the highest quality and most valued meat”, clarifies Lucas Hax, veterinarian and technician of the Devon breed.

Distinctive cuts known for their flavor and tenderness

As explained by Luisa Ferreira, Veterinarian, quality analyst and Devon Certifier at Frigorífico São João, the forequarter is separated into two main parts, the shoulder and the forequarter without the shoulder. The palette is divided into Racket, Little Fish, Heart of the Palette and Front Muscle. The forequarter without shoulder is divided into Neck, Acem, Front Rib, Chest and Termite (only present in Zebu breeds or crosses with Zebu breeds).

From these main parts, there are variations of cuts, such as strip roast (front rib), Flat Iron (shoulder), Denver Steak (chunk), among others.

Tenderness is greatly influenced by the age of the animal at the time of slaughter: the younger it is, the greater the tenderness of the meat, both front and hindquarters. It is believed that the forequarter cuts are more rigid due to the fact that some of them are essential for the movement of the animal.

Luisa points out that, in the back, there are also essential muscles for movement, like the lizard, and that everything depends on the way the meat is prepared and the cooking time. In addition, there are other factors that directly influence, such as the genetics of the animal, the way it was raised (in the field or in confinement), presence or absence of marbling, animal handling and slaughter process.

“Therefore, the front cuts have as much potential in terms of flavor and tenderness as the hindquarters cuts, they just need to be prepared with the most suitable cooking method and with adequate time to soften the fibers”, explains the veterinary doctor.

Devon Certified Beef goes through several prerequisite assessments before being certified with the Devon Seal. They are: breed standard, animal age, carcass weight and presence of uniform fat finish on the carcass. These evaluation stages aim to select the best carcasses, in an attempt to standardize characteristics such as tenderness and juiciness in the cuts. “In this way, the Devon forequarter can have softness and juiciness as well as the rear cuts”, concludes Luisa.

CUTS

It is divided into neck, shank, brisket and breast with bone, shoulder or shoulder core, front muscle and termite.

Main front cuts

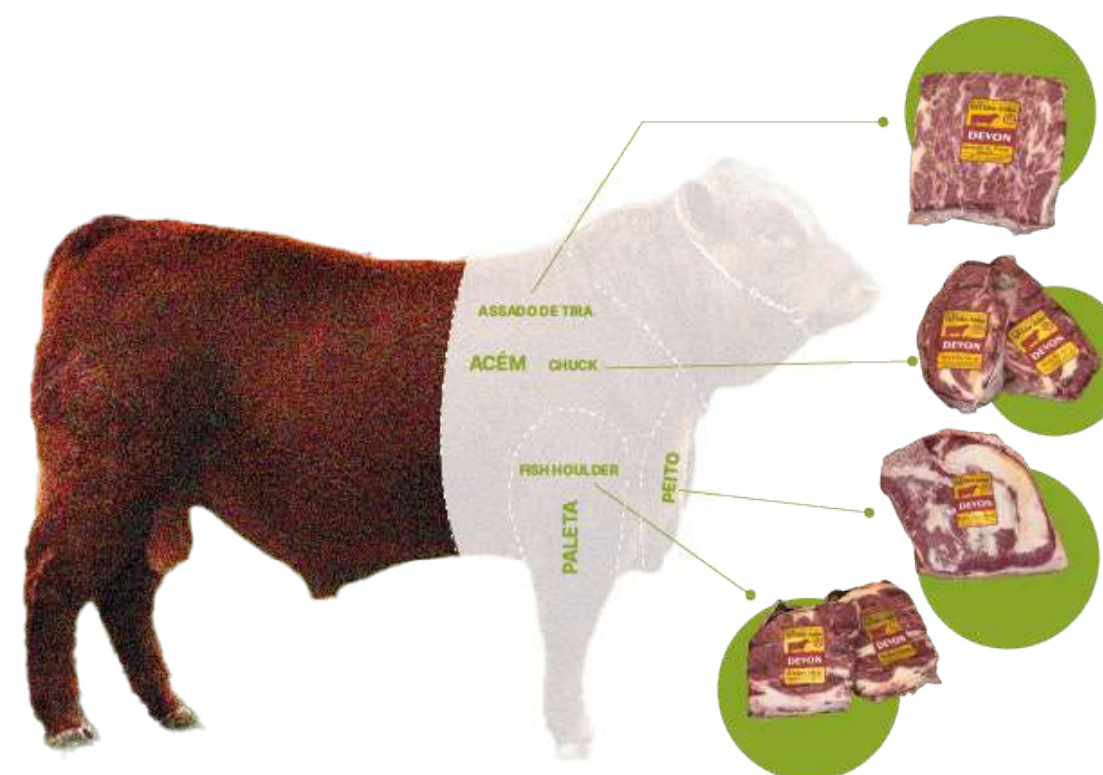
DENVER STEAK – Highlight for the softness and high degree of marbling. The cut is very close to the Short Rib, another piece rich in flavor, and which the Denver Steak is also a part of. It is taken from Chuck, the area between the shank, neck and shoulder.

ROASTED STRIPS – It comes from the front ribs of the ox, which are sawn into strips, with the cross bones. Tasty and juicy, it is perfect for barbecues as it is quick to prepare and easy

CHUCK EYE – It is taken from a large part of the chuck, between the rib and the vertebral column. For a long time, it was used in ground form, especially in hamburgers because of its excellent flavor and ideal fat percentage. With the increased interest in forequarter cuts, chuck eye has been used in a variety of ways, including steaks and roasts;

SHOULDER STEAK – Also known as Raquete in Brazil, it is a cut taken from the core of the palette. Its texture is as tender as filet mignon and its pronounced flavor has been gaining more and more space on grills and steakhouses.

FLAT IRON - It is a longitudinal cut of the Shoulder, which originates two long and thin pieces. Its appearance resembles a flank steak, but with less fat while still maintaining an adequate marbling.



The consolidation of Bravon as standardization and identification

CASING TYPE

Breed brings together a sum of qualities that guarantee high performance in breeding stocks and industrial crossings.



Pontero 210

Bravon's high performance, both in squads and at an industrial crossroads, has been confirming the confidence creators and gaining new fans, interested to expand the supply of quality meat on the market Brazilian.

"He meets everything we need in the moment", sums up Alexia Nizoli Betiatto, who acquired this year the first Bravon to be used in cattle raising creates from the family property, in Cerrito, in the south of Rio Grande do Sul. Grandfather's right arm, João Lindolfo Nizoli, the student of Agronomia says that it follows the evolution of the breed and calls attention that maintains important features of Devon. "n addition to weight gain, weaning, precocity and ease of delivery we have in Devon, Bravon came to help us with Breed brings together a sum of qualities that guarantee high performance in breeding stocks and industrial crossings the

tick and stir the blood. It started with the Charolais matrices and then it will continue in Devon, I think will be of great value in our crossbreeding production industrial», says the young creator. "And yet, he is owled and it has the colorado fur, which we love dearly".

Alexia considers docility a very important characteristic. "I work with my mother and my grandparents, who they walk in the countryside and enjoy watching the animals. No we feel difference in dealing with Devon or Bravon, both they are docile and transmit this to their children".

The bull Bravon, two years old, was purchased from Cabanha Timbaúba, from Pedras Altas, one of the pioneers in the production of Bravon in Brazil, throughout the 1980s. Alfredo Tavares maintains the production of the synthetic

breed to serve the clientele who prefers Devon with a Zebu mix, works with Devon over polled Nellore. "And it has the most traditional staff who like pure European cattle, so we have two fronts and we played them together", reports his son Leonardo, responsible by the cabin management. He says that the selection of animals is also due to the temperament of the specimens. "In most cases, today, those who run the business are the family members with employees, the owner does not want more animals with bad temper. It is a demand from market and our production remains firm".

Leonardo highlights investments in genetics and highlights two calves of the current generation. Enrolled in the Program Beef Cattle Breeding (Promebo), Pontero 210 and Trovão 211 had their performance tested in the test of Residual Food Consumption (CAR) of 2022, partnership of ABCDB with the Federal University of Rio Grande do Sul (UFRGS), in which they achieved excellent performance.

"Pontero had already excelled in weaning and is in the yearling preparation for the first season of mounts, at two years". The herd now has 50 sows 3/8 defined and registered.

Leonardo ponders that the current era is one of standardization also for commercial livestock. "Most Bravon that we will deliver this season has been booked with advance, the breed is growing and solidifying. AND through the sale of semen, we are reaching higher points distant».

The Bravon heterosis - More adapted to the tropical climate and with greater resistance to parasites, the synthetic breed with the 5/8 ratio of Devon blood to 3/8 of Zebu blood is created many decades ago in Brazil, from Rio Grande do South to more tropical regions. According to the veterinarian and ABCDB technical inspector, Lucas Hax, the Bravon has qualities that guarantee the good performance of the animals. "He brings together fertility, precocity, maternal ability, docility, ease of finishing, carcass quality and meat (with marbling) of the Devon breed with advantages of zebu cattle, such as resistance to ectoparasites, rusticity, longevity and adaptation to heat. These intersections are genetic enhancers".

The director of fairs and exhibitions of the Brazilian Federation of Breed Animal Breeders Associations (Febrac), Nathã Carvalho, is a Bravon enthusiast. "I believe we have all condition of becoming a world reference in genetics Bravon, after all, Brazil stands out significantly as a reference in Devon genetics and also in zebu, allied to all the skill and vocation of the Brazilian creator". With master's degree in animal genetic improvement, the zootechnician draws attention to three characteristics of the synthetic.

"I highlight the longevity of the Bravon sire, due to both of the zebu and of Devon itself, the docility and temperament that makes handling much easier - which also comes from Devon - and a very interesting maternal skill, because the Devon is a maternal breed and so is the Zebu has this strong characteristic, all of this combined with the qualities already

known, such as precocity and meat quality, among many others".

Carvalho says that he has been interested in the subject since he was a child. "I won the book Cruzamentos da Pecuária Nacional and I discovered Bravon, then I searched the publisher's website, I remember there were few pictures. The first Bravon I saw up close was at Expointer 2009, it was a trio of rustics from Cabanha Palmeira, I was delighted with the conformation and the zootechnical level of the animals and I always thought that he It has a lot of future". Nathan says he believes in the potential synthetic breeds and highlights the Bravon's versatility. "Synthetics bring complementarity, combining qualities of the two founding races. Bravon is extremely versatile, it can be explored in the most various production systems used in Brazil, in different bases of crossings".

In Anita Garibaldi, Serra Santa Catarina, the creator Wanderley Corona hopes to close this year's season with the birth of 47 calves, between Bravon 3/8 and half-bloods. "Bravon worked, our PS are very beautiful and I keep working on the base, because it's an improvement tool. Fazenda Rio Canoas had national prominence by taking the Bravon to important agricultural events such as Expointer (RS) and Expolages (SC). "This year we will have children of Attila, Grand Champion in Mainstay. The Baron, who is younger, will enter the train station assembles and starts to produce as well", he details.

Reference in the production of Bravon, Corona works the crossings on Rio Canoas with Brahman. «I wear artificial insemination of Brahman bulls into Devon cows, I also use the natural breeding season of these 3/4 bulls on Devon PO cows, because it's a way to cut corners until the 3/8. And I also do IVF on Bravon females with bulls like Stonegrove and 7090, they farrowed very well." The creator says he is convinced of the quality and contribution of Bravon for national livestock. "I always believed a lot in race, came to bring a refreshing of blood, increased the frame and the length of the animals. All this brings gain weight and carcass yield, not counting the hybrid vigor/heterosis, I see that other breeders also have animals very good. I make Bravon and I keep fighting for him".



First female Bravon 3/8 IVF by Rio Canoas

DEVON AND BRAVON AT EXPOINTER 2022

The Devon and Bravon breeds moved lane 5 of the Park Assis Brazil during the entire day of August 31st, Wednesday. The sunny day highlighted the reddish color of the coat of the 41 ring animals participating in the dispute for the title and helped fill the stands.

The Grand Champion of the Devon breed was bull from stall 1155, tattoo TE1295, from Fazenda Santo Antônio, from Guabiju (RS), owned by Reinaldo Cherubini Filho. The player was also, the heaviest specimen of the breed at the fair, with 1155kg. “He’s a full brother to the 2002 Grand Champion. We produced this embryo in 2004 and it was stored for 14 years.

We implemented it in 2018, to come here and repeat the feat of the brother from him. It is proven genetics”, celebrated Cherubini, thrilled. The Reserved Grand Champion went to the box 1140, tattoo 6444, by Ana Cecília Teixeira Senna Ribas and which had Ana Cecília Teixeira Senna as exhibitors Ribas, from Cabanha Saudade, from São Gabriel (RS) and Everton Oliveira Boeck, from Cabanha Boeck, from Encruzilhada do Sul (RS).

Among the females, the Grand Champion was the cow from box 1132, tattoo TE 862 G7090 C280, by the creator Marcos Pandolfi, from Camboatã Agropecuária, from Camaquã (RS). With 794 kilos, is the daughter and granddaughter of Grand



Reinaldo Cherubini Filho with the Grand Champion bull



Camboatã Agropecuária took the Grand Champion award



Grand Champion Bravon from Fazenda Rio Canoas

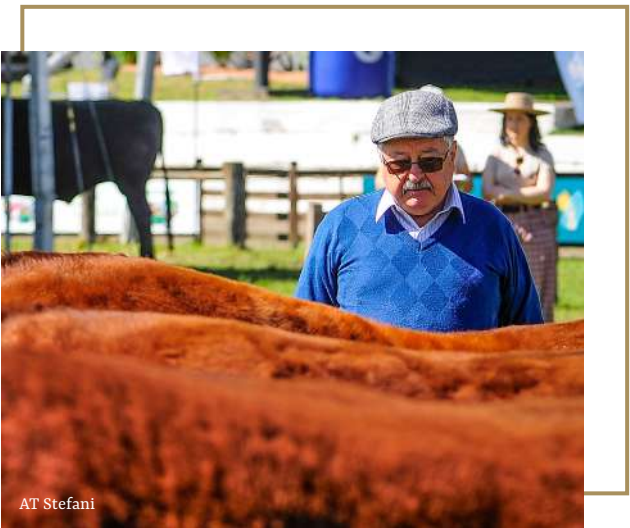
Champions. “The grandmother was awarded in 2013, the mother in 2019 and now the daughter repeats. The lineage of this female comes from a cow called Camboatã 072, which won the Promebo Genetic Diffusion award in this year 2022, so it’s a generation with unique genetics”, reported Pandolfi.

The return of Bravon – On the return of Bravon to Expointer, the first after the registration of the breed, in 2020, the breed was represented by three animals, in two categories, all from Fazenda Rio Canoas, by Anita Garibaldi (SC). the title of Grand Champion went to box 1499, tattoo 8, of two years old and 798kg, and the Reserved Grand Champion was with copy of box 1498, tattoo 14, both by the creator Wanderley Corona, which premiered at Expointer. “It adds almost all the necessary qualities that are sought in the Bravon as a synthetic breed, like balance, musculature and it is a long animal. And, above all, it has the color of Devon” summarized Corona, about the Grand Champion.

The animals were subjected to the jury’s watchful eye Romeu Carniel, veterinarian and respected technician at Devon breed, with experience in show trials in the countryside of Rio Grande do Sul. “The animals were very well prepared, I believe that due to the pandemic and the non-realization of Expointer in its fullness, in the years past, further motivated producers to bring the best they produced in the period”, he evaluated. Carniel tells that there were some difficult moments and others well crowded. “The choice of winners was based on details.

It is very important to see the joy and enthusiasm of participants and especially those who were awarded”. One of the most notable moments from the audience was the circle formed by the nine bulls first category award, who took over the runway in a example of the excellence of the Devon breed.

The trials were broadcast live on Lance Rural, with presentation by the auctioneer and zootechnician Guilherme Minssen, gaúcho based in Belém (PA), and comments by



Jurado Romeu Carniel

Eduardo Duval, agronomist, professor at UFPel and Devon breeder in Dom Pedrito (RS). Some agronomy personalities were also interviewed during the event, in relaxed chats.

The day ended with a fraternization that brought together associates and friends at the Association’s stand, for the awards for the Great Champions, who paraded through the Boulevard, as well as the delivery of the Chiripá banners and trophies Male for Maria de Lourdes Paludo Mondin, from Fazenda Tupi, by André da Rocha, Female Chiripá for Soely Barreto Hoffmann, from Cabanha Santa Lúcia, by André da Rocha, and Young Exhibitor for Sofia Vieira Boeck, from Cabanha Boeck, from Encruzilhada do Sul. A momento was given to juror Romeu Carniel and a thank you trophy to the then technical director Lucas Hax, for their dedication and hard work over the years, and breeder Alfredo Tavares received the Luiz Fernando Trophy Cirne-Lima (read the report in this issue).

DEVON CHAMPIONS

RING

MALES

Saint Anthony Thor - tattoo TE1295 - Box 1155
Creator and exhibitor: Reinaldo Cherubini Filho
Fazenda Santo Antônio – Guabiju (RS)

Grand Champion Reserve
Saudade IL4024 - tattoo 6444 - Box 1140
Creator: Ana Cecília Teixeira Senna Ribas
Exhibitors: Ana Cecília Teixeira Senna Ribas, Cabanha Saudade - São Gabriel (RS) and Everton Oliveira Boeck, Cabanha Boeck – Encruzilhada do Sul (RS)

Chiripá Macho Trophy
Optimistic Dynamite from Tupi 141 - Box 1137
Creator: Fazenda Tupi
Exhibitor: Maria de Lourdes Paludo Mondin
Tupi Farm – André da Rocha (RS)

FEMALES

Grand Champion
Camboatã TE862 G7090 C280 - Box 1132
Creator and exhibitor: Marcos Evaldo Pandolfi
Camboatã Agrícola – Camaquã (RS)

Grand Champion Reserve
Santa Lucia Dynamite 600 - Box 1116

Creator and exhibitor: Gilson Barreto Hoffmann
Cabanha Santa Lucia – André da Rocha (RS)

Chiripá Trophy
Santa Lucia Parasol 2906 - Box 1129
Creator and exhibitor: Soely Barreto Hoffmann
Cabanha Santa Lucia – André da Rocha (RS)

Young Exhibitor Trophy
Boeck Aurora 03 - Box 1126
Creator: Everton Oliveira Boeck
Exhibitor: Sofia Vieira Boeck
Cabanha Boeck – Encruzilhada do Sul (RS)

BRAVON CHAMPIONS

Big champion
Rio Canoas 08 - Box 1499
Creator and exhibitor: Wanderley José Corona
Rio Canoas Farm – Anita Garibaldi (SC)

Grand Champion Reserve
Rio Canoas 14 BR 852 - Box 1498
Creator and exhibitor: Wanderley José Corona
Rio Canoas Farm – Anita Garibaldi (SC)

ABCDB SCHEDULE

in Parque Assis Brasil was extensive and varied



Devon and Bravon animals from huts in Rio Grande do Sul and Santa Catarina, participated in the 45th Expointer. In addition to the traditional trials of ring and wild animals, which are among the most important attractions at Expointer, the program organized by ABCDB at Parque Assis Brasil was intense. Among the novelties, eight mobile stalls were installed in the Beef Cattle pavilion, receiving bulls evaluated in Food Efficiency Tests.

Creators and visitors also had the opportunity to visit a new store, selling products with the Devon brand, next to the stand, with clothing items (vests, shirts), accessories (caps, bags, jewelry), utilities (gourds, cups) and for children (bells and cows in the form of cloth dolls).

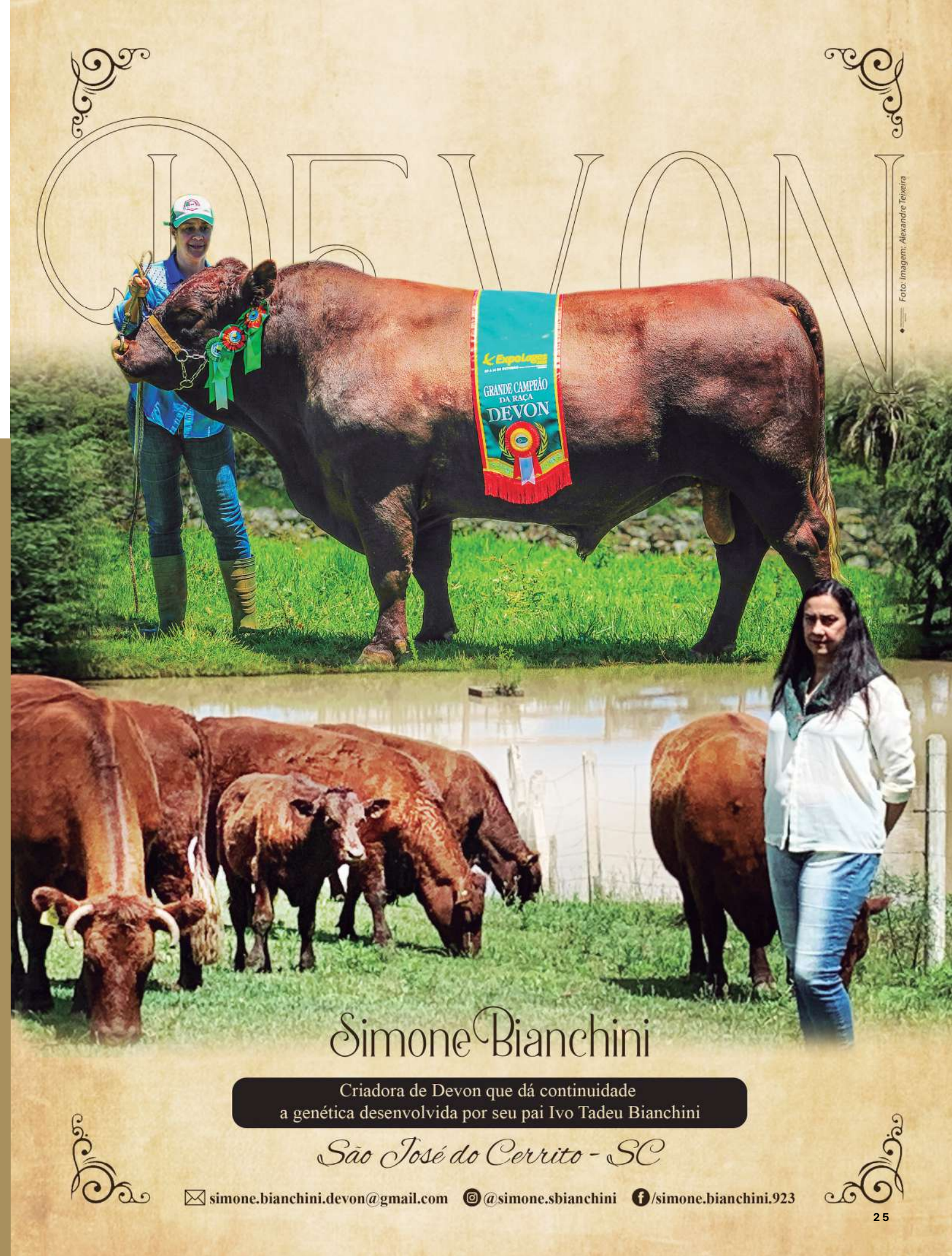
For the third year, the stand's restaurant was under the command of chef Chico, from Restaurante Parrilla, in Camaquã. Located on Boulevard, the most charming area of the park, it is a welcoming space where customers can taste the special cuts, with unique marbling and the unrivaled flavor of Devon beef.

The program also included technical events, such as the lecture How to interpret and apply PROMEB data in the selection of the Devon breed. Representing the National Association of Herd-Book Collares (ANC) Breeders, Sílvia Freitas, superintendent of records, and Laerte Rochel, head of the Promebo Section, spoke to an attentive audience of breeders.

At another time, Certified Devon beef cuts were prepared and served in the Meat Showcase. The event, which has been taking place since 2009, innovated by exposing the meat as it is found in the market, already cut and packaged, allowing Expointer's public to identify and prepare the best quality proteins, in addition to tasting them. In previous years, carcasses were deboned followed by preparation.

Certified Devon Beef was also discussed at Meat Day, promoted by the National Confederation of Agriculture (CNA) at the International Pavilion. The speaker was Otávio Jacques, technician of the Devon breed. The audience still had the opportunity to taste roasted cuts during the event. A social program, that included a tea with the wives of associates and devoted women to fraternize and provide a meeting of affection and chats, after two editions with restrictions and within the atmosphere of the 'Expointer do Abraço', as was called the 45th edition of the fair.

Also worthy of mention is the already traditional Devon Jury Course for Young Jurors, which reached its fourth edition and is organized by the ABCDB Youth Commission. The event offered lectures by veterinarians from the Association's Technical Council, animal judgment, awards and delivery of certificates. The activities took place at the breed stand and on the track.



Simone Bianchini

Criadora de Devon que dá continuidade
a genética desenvolvida por seu pai Ivo Tadeu Bianchini

São José do Cerrito - SC

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CHAMPIONS RUSTIC

*Cabanha de São Gabriel wins with
trios of males and females*

Cabanha Saudade, owned by Ana Cecília Teixeira Senna Ribas, from São Gabriel (RS), took the male and female championships among the rustic Devon. The judgment took place on Thursday morning, on track 20, also under the analysis of juror Romeu Carniel.

The winning trio of bulls was batch 02, formed by tattoo bulls 6324, 6436 and 6442. “It’s not an easy batch to find, the three animals were very well prepared and the batch is standardized. And everyone walks with good ease”, evaluated the jury. Tattoo sire 6436, weighing 772 kg and 23 months old, was also awarded Best Rustic Bull.

The title of second-best trio of rustic bulls went to the trio of lot 03, tattoos 2660, 2700 and 2638, from Fazenda Palmeira, by Cláudio Ribeiro, from Camaquã (RS).

Among the females, the title went to the trio of animals from lot 01, tattoos 6081, 6041 and 6021, all 3 years old. The best female award went to tattoo cow 6041, weighing 672 kg and pregnant during the event.



Trio of champion males



Champion trio of females

Ana Cecília Teixeira Senna Ribas celebrated the good results. “This double achievement is a great joy. It is a recognition of our dedication and the work we do, and especially for continuing my father’s legacy. We are very happy”, summarized the producer, who belongs to the fourth generation of Devon breeders.

Alfredinho, as he is affectionately called by his friends, is married to Alice, has two children and four grandchildren and the family is a sure presence at Expointer, after all, Timbaúba is part of the history of Brazilian livestock.

The Luiz Fernando Cirne Lima Trophy was established in 2013, under the management of Gilson Barreto Hoffmann, and is dedicated to breeders who stand out in breeding and work for the aggrandizement of the Devon breed. The name of the recipient is defined in a vote by the executive board. “Former Minister Luiz Fernando Cirne Lima names the trophy for the dedication and effort he has always had, since he was a coach and worked with many Cabanhas in Devon. He has always been a reference, a mainstay for all of us and he has been a Devon breeder for decades, and he is even an exhibitor this year, in Esteio”, says Hoffmann.



Tavares
receives the
trophy from
Secretary
Domingos
Lopes Velho

Tavares, now 76 years old, continues his grandfather’s work, which began with Devon in 1907, over 116 years of careful selection and a lot of determination. Also, from Timbaúba, was the 1st Devon Polled in Brazil, 66 years ago, and the first Bravon 3/8, 25 years ago. The property also stands out for carrying out a work of excellence in the complete cycle, of rearing, rearing and fattening.

Diffusion National Genetics 2022

**Cabanha Saudade and
Camboatã Agricultural take
award Diffusion National
Genetics 2022 of the**

DEVON BREED

Announcement took place at the 45th

Important recognition of the commitment of the breeders in the use of the Beef Cattle Improvement Program (Promebo) and a stimulus to the genetic improvement of the herds, the 2022 National Genetic Diffusion award took place at the home of the National Association of Breeders Herd-Book Collares (ANC) of Parque de Exposições Assis Brasil, on the night of last August 29th. Bull Saudade Azul 4152, from breeder José Carlos Assis Brasil Senna and owner Ana Cecília Teixeira Senna Ribas, from Cabanha Saudade, São Gabriel (RS), obtained the best final index in Promebo, with 800.54 points. Among the females, the animal Camboatã 072-G5742-SL1122, belonging to the breeder Marcos Evaldo Pandolfi, from Camboatã Agropecuária, in Camaquã (RS), qualified with 179.17 points.

The award honored the owners of national males and females of each breed, whose children were evaluated in the period from 7/1/21 to 6/30/22. According to Henrique Ribas, administrator of Cabanha Saudade, Barão (Saudade Azul 4152) is a bull that presents and reproduces a muscular relief and very important carcass characteristics. “It is a long, voluminous and deep animal, and it delivers its phenotype to its descendants with a unique consistency. Extremely



Touro Saudade Azul 4152

docile, he also transmits this characteristic to his progenies, generating products that are easy to handle and with remarkable meat quality and durability”.

Pandolfi reports that the winning cow had recently died, but left excellent progeny. “The award is a technical recognition of the cutting-edge genetics that we produce with Devon herd-improving animals”, summarized the cattleman.

The announcements took place during the Noite do Assado 1%, in which cuts of Certified Devon Beef and three other breeds participating in Promebo were served. The tasting was watered down to Entrecot (Top 1% GIM), Picanha (Top 1% EP8) and Costela (Top 1% EGS), three types that show the final result of the selection of breeders.

Silvia Freitas, superintendent of records at the National Association of Herd-Book Collares Breeders, pointed out that the award is a way of valuing the goats that carry out genetic improvement. “The public and associates joined our invitation and noticed the difference in these 1% higher cuts, the result of the breeders’ work in the selection and commitment to produce extremely high-quality meat”.



Silvia Freitas and Marcos Pandolfi



Cabanha Saudade Awards

3RD TEST

of Efficiency Feeding ABCDB/UFRGS evaluated Devon and Bravon bulls

The bull Devon Unapproachable 2519 de Santa Lúcia 565, owned by Gilson Barreto Hoffmann, from Cabanha Santa Lúcia, owned by André da Rocha (RS), achieved the best results in the ABCDB / UFRGS 2022 Food Efficiency Test, carried out in partnership with the Federal University of Rio Grande do Sul. Second place went to São Valentin Creditor 1999, from São Valentin Agropecuária, in the municipality of Nova Prata (RS). Of the Bravon breed, the animal Timbaúba Bravon Ponteiro 210 was considered the most efficient, followed by Timbaúba Bravon Trovão 211, which was second. Both are from Cabanha Timbaúba, by Alfredo Silva Tavares, from Pedras Altas (RS).

The results were released by the race coordinator, Jaime Urdapilleta Tarouco, during an event at the ABCDB stand at the 45th Expointer, on August 30, to an audience full of breeders and technicians of both breeds. Gilson Barreto Hoffmann reports that the sire 565 is the son of Sombrinha de Santa Lúcia, who had already been awarded in the Supremacia Genética, from Promebo, and the dam is from the Unapproachable lineage. Upon receiving the sash for second place, São Valentin cabaneiro, Juarez Rodrigues da Silva gave an emotional speech in honor of the family patriarch, Reinoldes Cherubini.

The participating breeders are all born in 2021, in six breeding farms in Rio Grande do Sul. The Bravon dogs, which participated for the first time in the race, were evaluated separately. According to veterinarian Lucas Hax, technical director of the Association at the time, the test was very productive for the selection of Devon because it brought together animals of different strains and great performance variability. «This allows breeders to identify superior animals of different characteristics.» Hax also highlighted the participation of the Bravon breed. “The Bravon is consolidating itself in the cutting-edge breeding scene and showing the solidity of the breed. They had an excellent performance, in addition to being phenotypically very beautiful animals, visually very presentable and breed. Devon and Bravon win and, consequently, producers and livestock as a whole”.

Professor Tarouco revealed that, in absolute numbers, the highest weight gain was recorded among all assessments, of all breeds ever tested. “The performance was a success and it is worth noting here the docility as well. It is demonstrated from a speed test, which measures displacement speed to measure temperament. This very low speed of the Devon confirms its very docile temperament. We hope that these good results will interest an increasing number of creators for the next editions of the Test”, ponders Tarouco.



UFRGS Agricultural Experimental Station

There were 91 days of confinement at the facilities of the Experimental Agronomic Station (EEA), in Eldorado do Sul (RS), with the aim of identifying balanced animals in all characteristics, including loin area, finishing and feed efficiency. After a period of adaptation to space and food, all participants are weighed every time they go to the feeder in search of food. The amount of food is also measured. In addition, all specimens undergo detailed measurements at the beginning, middle and end of the test.



Bull being evaluated at the feeder



Breeder 565: the champion of the Devon breed



Pointer 210 was the most efficient Bravon

ULTRASONOGRAPHY

as a tool for evaluation of carcass characteristics and meat quality

Beef livestock in Brazil needs to undergo transformations in relation to the objectives and selection criteria, if it intends to be competitive in the animal industry. The trend of commercializing animals and their carcasses, within certain market specifications, is making the progenitors used to present known performance information so that they can be exploited more efficiently.

For the industry, it is important to introduce the concept of potential quality, using marketing to encourage the search for a consistent and quality product, in addition to establishing a common language in the market, since it uses body composition measurements in the marketing of animals and their carcasses (amount of fat, amount of lean meat...).

Currently, there is the possibility of generating information on the genetic merit of the carcass of animals in vivo, at a young age, during their productive life, reducing the cost and time required to obtain superior animals, in terms of the quality of the carcass produced, comparing to traditional progeny tests.

The adoption of parental selection for carcass merit traits is booming in the red meat industry. The carcass evaluation is characterized by obtaining information from the slaughter plant, being necessary to integrate producer-industry-breed association, trained technicians, time and financial resources to collect data from the animals involved.

In a beef cattle production system, control in the production chain supply occurs at two main points: in genetics and in the flow of information received by the production chain from consumers. Carcass typification and classification schemes in Brazil are concentrated on visual assessments, subcutaneous fat measurements and/or carcass conformation, with little concern in applying more detailed assessment methods.

The acceptability and value of meat is primarily determined by two characteristics: quality and yield of the marketed product. Traditionally, the ultrasound technique used in human medicine can be used as an animal evaluation method. It is characterized by being a fast, non-invasive method that does not leave harmful residues in the meat, offering objective means of evaluating live animals in relation to their body composition and positively influences better communication between all sectors involved in the red meat industry.

The identification of animals that provide uniform and specific products, according to the market niche, could improve commercial contracts and give producers the opportunity to buy parents that ensure the production of efficient offspring within the production systems in which they are created.

It is important to estimate the weight and percentage of commercial cuts so that the producer can obtain added value from his product, in this case, bulls that produce offspring

Zoot. Dr. Jaime Urdapilleta Tarouco
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with a higher yield of commercial cuts; for industry, animals with a higher yield of clean meat, for retailers, carcasses with a higher yield of edible portion and, for consumers, greater culinary use of the cuts purchased. The beef cattle producer must think about producing a product for the market, not producing a product and then finding a market.

Selection programs use various traits of economic interest and are currently incorporating traits related to the final product, that is, carcass traits. The measurements obtained by ultrasound are as follows:

Subcutaneous fat thickness - It is the covering fat thickness, given in millimeters, measured between the 12th and 13th ribs at ¾ distance from the medial line in the Longissimus muscle, and in the rump cap, in the anatomical site corresponding to the point of intersection between the muscles biceps femoris and gluteus medius. These characteristics are positively associated with early reproduction and termination. Animals within the same contemporary group with greater cover thickness are physiologically precocious.

Loin eye area - It is the measurement of the area of the longissimus muscle (short ribeye muscle), given in square centimeters, between the 12th and 13th ribs, in the animal's thorax region. This characteristic is positively associated with the musculature, with the weight and the yield of the first quality commercial cuts of the animal. Animals within the same contemporary group, with larger loin eye area, have higher meat yield.

Intramuscular fat (% gin) - Measured parallel to the animal's loin in the anatomical site between the 11th and 13th ribs. Provides information on the percentage of chemical fat in the muscle and is positively associated with the characteristics of tenderness, juiciness and palatability of the meat.

With this technology, now available, applicable at farm level, bulls, replacement heifers and steers for slaughter can be classified into groups according to market specifications, guiding producers in the selection, the industry, in the purchase of raw material of better quality, and retailers, in the acquisition of carcasses, which present higher yields of boneless cuts.

Exploring the Max genetics: CREEP-FEEDING

We invest most of our resources in improving genetic. We use breeding programs, analyze DEPs rulers, genomic DEPs, we selected our breeders and we acquire doses of semen and breeders proven. We make all this effort in the search for raise more productive animals and, consequently, with better zootechnical and economic indices. However, by Sometimes we forget that these factors correspond to 30% of the final result, with the other 70% coming from the environment.

Animals with high genetic merit for weight gain will express that potential if the environment does not offer the necessary conditions. Likewise, top 1% matrices for fertility will not perform at their best in situations of nutritional deficiency. In that sense, the creep-feeding is a tool that, if well used, can fill these gaps in the environment and provide conditions for animals to express their full potential.

The creep-feeding, popularly called a creep, is a trough exclusive to the calves. This trough is fenced so that there is a physical limitation that allows only the entrance of the calves in your area.

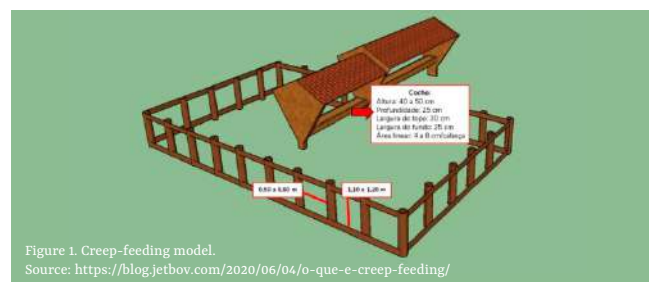


Figure 1. Creep-feeding model.
Source: <https://blog.jetbov.com/2020/06/04/o-que-e-creep-feeding/>

The creep is placed next to the salt shaker for the cows, so that the calves get used to the structure and reach the trough by curiosity while their mothers consume mineral salt. At creep, calves are offered formulations of creep-specific concentrates or a concentrate which can be beaten on the property, using sodium as intake limiter aimed at self-consumption in a way. In general, the concentrate is offered at 0.5 to 1% of live weight per animal per day, varying according to the quantity and quality of available forage, which should be 75 to 80% of total digestible nutrients and 16 to 20% of crude protein. However, to use creep strategically to make the most of the genetic potential of our animals, it is necessary that we need to know a little physiology.

Postpartum cows go through a period of anestrus, which is nothing more than the absence of estrus, that is, of heat. In this phase they do not ovulate and therefore do not become pregnant. This period is basically regulated by lactation, so also called lactational anestrus, and due to the condition female body. Naturally, the act of suckling the calf leads to a blockage in the physiological mechanism responsible by ovulation in the cow. Of the same shape, poor body condition, due to food

Dr. Lucas Hax
Veterinarian
M.Sc. and D.Sc. in biotechnology
ABCDDB Technical Inspector



shortages, also causes a blockage in that axis. Thus, for the cow to cycle again, that is, to ovulate and enter in heat, she needs a reduction in the number of feedings of the calf and, at the same time, be gaining condition body.

In this scenario, the creep is a tool that assists in the withdrawal of the female of the anestrus period. The concentrate consumption by the calves makes them demand less of their mothers, reducing the number of feedings per day. With this, there is a reduction in the effect of breastfeeding in blocking the female reproductive axis. Likewise, being less demanded by the calf, the sow dispenses less energy for milk production, making it recompose its body reserves and consequently unlock your axis reproductive. The synergism of these factors contributes to the female re-conception, leading to an increase in the rate of pregnancy and kilos of calves weaned on the property. Studies point to an increase of more than 9% in the rate of pregnancy in cows with calves managed with creep-feeding. This increase is more exponential in situations of scarcity forage, such as in dry spells or in winter.

With regard to calves, it is necessary that they receive the necessary nutritional contribution for them to express all their genetic potential. According to the literature, the need nutritional value of a calf is only 100% met by the cow until the second month of life. In this way, the further the age of the calf, the more nutrients are needed in addition to those provided by breast milk so that the animal hit your genetic target. In this sense, one of the alternatives is the use of creep-feeding. This tool allows an increase in weaning weight of more than 20% compared with animals managed without the creep. The difference shows even greater in situations of forage scarcity. Of that way, the use of creep provides an increase in number of kilos of calves weaned per year, in addition to allow the weaning of heavier animals, contributing for reducing the mating age of females and slaughter of the males.

In short, creep is a technology that aids performance, of cows and calves, translating into an increase in the rate pregnancy, weaning weight and calf weight weaned per year, anticipating mating ages and slaughter of the animals and, consequently, reducing the cost with inventory and increasing productivity. regardless of which tool best suits the property, it is necessary that provide the best environment for animals to express its full potential. Only then will we be able to reap the totality of the fruits of our work in genetic improvement.

COOPAVEL RURAL SHOW

Devon debuts at Show Rural Fair from Paraná are focused on technology in agriculture



The Devon breed participated, for the first time, in the Coopavel Rural Show, which had its 35th edition from the 6th to the 10th of February this year, at Parque Technological center of the cooperative, in Cascavel, in western Paraná. The three copies, from Sítio Santo Antônio, owned by Ernesto Dall Agnol, from Cascavel, were exhibited at the Instituto of Rural Development of Paraná. The Rural Show is one of the large technology fairs aimed at the country's agribusiness.

It was an excellent opportunity for ranchers and visitors get to know the breed, which has as its main characteristics the fertility, maternal ability, precocity and docility, in addition to great carcass yield.

Coopavel is currently among the largest companies in the Brazilian agribusiness, with 33 branches installed in 17 municipalities from the West and Southwest regions of Paraná and more than 6,200 associates.

DEVON is featured at the National Apple Festival

Of the nine animal participants, four were awarded at the exhibition



Grand Champion at the National Apple Festival

The Devon breed was well represented at the 22nd National Festival da Maçã, which took place in São Joaquim, from September 7th to 11th de 2022. The cattle exhibition, in pavilion 2 of Parque da apple, caught the attention of thousands of visitors. Of the nine participating specimens, four were awarded at the multiracial trial that took place on the 9th, under the watchful eye of by the juror Leonardo Martins Reitz, evidencing the quality and superiority of the race that excels in the fields of all Mountain Region.

The title of Grand Champion went to Cabanha Pedra Vermelha, of Urubici, owned by Rodonei and Régis Pesenti. O Grand Champion Reserved award went to the bull of Cabanha Passo Velho, from Bom Jardim da Serra, by André Macari and family. And in third place, the male from Cabanha Passo Velho, of Bom Jardim da Serra and São Joaquim, of Hernani and João Gabriel Palma Macari.

Among females, the Devon breed took the title of Reserved Grand Champion, who also went to Cabanha Passo Velho, of Bom Jardim da Serra and São Joaquim, of Hernani and João Gabriel Palma Macari.

The organizer of the exhibition was the Associação de Cabanhas dos Campos de Cima da Serra (ARCS), which had the partnership from the Devon and Bravon Breeders' Nucleus from Cima da Serra Catarinense, bringing together breeders from the municipalities of Bom Jardim da Serra, São Joaquim, Urubici and Urupema. Hernani Macari, president of the Nucleus, highlighted the participation of the Devon on display. "It was the breed that was present in the greatest number, this visibility is very important because the National Apple Festival is a showcase at state level and reaches a large audience," he says.

Juror and veterinarian Leonardo Reitz highlighted the quality of Devon specimens on track, showing the quality and superiority of the breed. «The Owners brought the best of Serra Catarinense, we saw very carnivorous animals, precocious and with excellent seal racial. They will certainly have a very prosperous future both in the tracks as in the field", he commented.

Exhibitions 2022

*Great Champions are from
Cabanhas Passo Velho, Caiapiá, Rio
Canoas, Santa Maria and Nondas*

The bull from box 186, AM Lavrador Omega do Passo Velho, tattoo number 76, belonging to breeder André Macari, from Cabanha Passo Velho, in Bom Jardim da Serra (SC), won the title of Grand Champion among the Devon rings from Expolages 2022, which took place from October 11 to 16 at the Conta Dinheiro Exhibition Park, in Lages (SC). The prize for Reserved Grand Champion went to the sire Rio Canoas 99 Omega, box 86 and tattoo 76, from Fazenda Rio Canoas, by Wanderley Corona, by Anita Garibaldi (SC). Among the females, the title of Grand Champion went to the cow in box 87, tattoo 1007 – EME Sete Stone TE from São Luiz, from Cabanha Caiapiá, from Jeferson Oliveira, from São Joaquim (SC).

The debut of the Bravon - In the first participation of the Bravon breed in the exhibition, Fazenda Rio Canoas was twice the winner. The Grand Champion was the bull Átila, tattoo number 08 of box 097, who repeated the feat of the 45th Expointer, in Rio Grande do Sul, where he also took the banner of great champion. The Reserve Grand Champion was the animal Tufão, from box 95, tattoo 23 BR, which took 3rd place in Esteio (RS).

Rustics - Among the rustics, the first places among the males went to two huts in Lages. The Grand Champion was bull Santa Maria 254 Robusto, box 193, tattoo 254, by Helena Cristina Bianchini Araújo, from Cabanha Santa Maria. The title of Reserved Grand Champion went to FM Barão, box 200 and tattoo 08, by Lacir de Melo, from Mandassaia Farm.

In females, cow 33 ANG Jenifer Quartz do Nondas, box 195 and tattoo 33, was the Grand Champion. The specimen belongs to Adriano Nath Garcia, from Cabanha do Nondas, from São José do Cerrito (SC). The Reserve Grand Champion was the female Heroína 688 da Gralha azul FIV65, from box 201, tattoo FIV65, by Antonio Marcos Passarin, Cabanha Gralha Azul, from Fraiburgo (SC). All trials took place on the afternoon of the 13th, under the assessment of juror Leonardo Wiggers.

Auction - On the same day, 11 bulls and 5 Devon and Bravon females were offered in a disputed auction of different breeds, with both face-to-face and virtual bidding. Among the Devon, the best bid went to the bull of lot 309, tattoo 08, which hours before had been consecrated the Reserve Grand Rustic Champion of the Expolages. The polled bull, 3 years old and weighing 740 kg, was sold for BRL 26,200 by Agropecuária Santa Rita. The average for males was BRL 17,367 and females were BRL 10,360. The shot took place on the José Arruda Ramos track and was in charge of Camargo Agronegócios.



Grand Champion is from Cabanha Passo Velho



Grand Champion belongs to Cabanha Caiapiá



Fazenda Rio Canoas won the Bravon Grand Championship

Another highlight of Expolages occurred on the 14th, when Devon Certified meat, produced by Frigorífico São João, from São João do Itaperiú (SC), was served to the participants of the Meat Meet. The initiative of the National Association of Herd-Book Collares Breeders (ANC) highlighted the importance of using data from the Beef Cattle Improvement Program (Promebo) in the selection of animals on the property and, subsequently, helping the breeder to have good results in the carcass yield and in the production of premium meats. Approximately one hundred breeders participated in the event and tasting, which also featured meat from other breeds that use the program.

The president of the Nucleus of Breeders of Devon and Bravon de Lages, Istélio José Souto-Maior Camargo, celebrated the return of Expolages to normality after two editions with restrictions. "Participating in the biggest agricultural event in

Santa Catarina is a unique opportunity for every cattle raiser, who has a great showcase there for his animals. And the creators know this. This edition was also very important for seeing and making new friends and customers and also for exchanging information". Camargo recalls that, according to the records of the Rural Association of Lages, the Devon breed has participated in the fair since 1911, when the first agricultural exhibition took place in Lages.

Expo of KANGUSU

With the participation of 45 rustic and ring Devon animals, the 53rd Expofeira Agropecuária de Canguçu became the largest exhibition of the Devon breed in the interior of Rio Grande do Sul, in 2022. Saturday, October 22nd. In the ring championship, Cabanha Zeschau, from Canguçu, took the title of Grand Champion, with tattoo male 7078, and repeated the feat with tattoo female 6681 who was chosen Grand Champion. The property is owned by Alisson Zeschau.

Among the rustics, the title of Champion trio went to tattoo bulls 2514, 2556 and 2566, from Cabanha Santa Alice, from Santa Maria, from the Succession of Armando Ribas. The Reserved Champion went to Cabanha Timbaúba, from Pedras Altas, by Alfredo Tavares, for the tattoo animals 1336, 1350 and 1351.

The Male Rústico Champion was won by Estância Saudade, from São Gabriel, with bull tattoo 6192, by Ana Júlia Senna Barata, and the Reserved Champion chosen was tattoo 2544, by Lydia C. P. de Assis Brasil and Joana de Assis Brasil Uzeyka, from Estancia Santa Cecília, in Pedras Altas.

In females, Cabanha Saudade de Ana Cecília Teixeira Senna Ribas also won the Champion trio award, represented by tattoos 6307, 6337 and 6353. creates by foot, by Ludiézer Simões da Silva, from Cabanha Corunilha, from Canguçu.

The Great Female Champion of the rustics was tattoo heifer 6307, from Cabanha Saudade, from São Gabriel, from Ana Cecília Teixeira Senna Ribas. The copy tattoo 6055, from Cabanha Corunilha, from Canguçu, by Ludiézer Simões da Silva, was selected as Reserved Grand Champion.

The judge was Eduardo Duval, breeder of Dom Pedrito and experienced in breed trials, such as Expointer and exhibitions in Camaquã, Pelotas and Encruzilhada do Sul. After the trials, the headquarters of the Nucleus of Devon and Bravon de Canguçu (NCDBC), which brings together a group of more than 30 creators from municipalities in the southern region

*Expofeira de Canguçu had the largest participation of
the Devon breed in the interior of Rio Grande do Sul
in 2022. Cabanhas do Sul and Central Region were
awarded.*

of the state and has, in the presidency, the creator Ludiézer Simões da Silva. The presidency of ABCDB was represented at the event by the president of the South Nucleus of Devon Breeders, from Pelotas, Alfredo Tavares.



Grand ring champion



Champion Trio of females from Cabanha Saudade



Champion Trio of Cabanha Santa Alice



Fazenda da Volta



MEAT CULTURE

GRANDE CAMPEÃ
EXPOINGÁ 2018

BI CAMPEONATO
EXPOINGÁ 2019

TERCEIRO MELHOR MACHO
EXPOINGÁ 2019

RESERVADA CAMPEÃ
EXPOINTER 2018

CAMPEÃ CHIRIPÁ DEVON
EXPOINTER 2019

GENÉTICA DE

Resultados



Reprodutores • Sêmen • Matrizes



DEVON LEGACY

Maria Helena Della Giustina Baldisserotto

Female leadership in the countryside and in the city

For rural producer Maria Helena Della Giustina Baldisserotto, administrative director of the Brazilian Association of Devon and Bravon Breeders (ABCDB), life does not stop. The breeder of Devon animals in Cabanha da Volta, in Meus Capões, divides her time between work in the field, routine in Caxias do Sul, where she lives, and her family. Maria Helena inherited the goat from her father, Zulmiro Della Giustina, in 1985. “His favorite breed was Devon, so I’ve known him forever. They are docile animals, easy to work with”, he comments. Until the beginning of the 2010s, the squad was diversified in the field. The dedication more focused on the Devon breed began in 2015, from a participation in the Devon Convention that took place that year in Gramado. She says she was surprised by the acceptance of her animals in the virtual auction held by ABCDB.

The first prize on the track was won in 2018, at Expoingá, in Maringá (PR), where it won the title of Grand Champion. The second championship came in 2019, being Grand Champion again and also getting the Third Best Male award. At Expointer, the genetics of Cabanha da Volta took the Reserve Champion in 2018 and Maria Helena received the Chiripá trophy the following year.

On the property in Meus Capões, Maria Helena breeds and recreates, selling the males for reproduction. also sells

females, but most of them use it to renew their own squad. “I found a family among the breeders of the Devon breed. Close to our property there is the André da Rocha nucleus, with whom we talked a lot”, he recalls.

Maria Helena works with PO breeders and matrices. “It is such a thrill to participate in Expointer, Rio Grande’s showcase. It represents our work in the field, in which we are involved all the time”, she points out about the fair.

This passion for Devon is already visible in the 10-year-old granddaughter Eduarda, who accompanies her grandmother on the routine of the property. “If you ask her what grandma’s favorite animal is, she promptly answers: Devon”, he boasts. Maria Helena has two daughters, Alexandra and Fernanda (mother of little Duda).

ABCDB’s managing director also finds time for hobbies such as handicrafts. She loves knitting for our harsh winter weather and is also a fan of scrapbooking, a way of producing art that consists of cutting and collage techniques to keep memories. “While the hands work, the head travels, it goes far. It’s an ideal time to make plans”, explains Maria Helena, who is also a fan of jazz and blues – she recently traveled across the United States making a tour of several cities based on music.

Devon in the fields of Cabanha da Volta



Fernanda Baldisserotto

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ABCDB

Associação Brasileira de Criadores de Devon e Bravon

Nucleus is the **link between the producer and the Brazilian Association of Breeders of Devon.**

Come and be part of the Center in your region, participating in the activities developed and integrating with other breeders of this distinct breed.



ABCDB

Associação Brasileira de Criadores de Devon e Bravon

In addition to natural breeding, the reproduction of Devon PO animals or crosses can be facilitated through the acquisition of genetic material (semen or embryos) directly from artificial insemination centers or even on breeders' properties.

Ensure quality in your herd!

#crieDevon #cruzeComDevon



Remember that the centers can have different headquarters and regions of operation.

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