Razza Piemontese

Periodico di informazioni tecniche economiche e d’attualità a cura dell’Associazione Nazionale Allevatori Bovini di Razza Piemontese.

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È consentita la riproduzione di testi o fotografie citando la fonte.
If we ever asked to a painter to use a colour to describe our last National Show it would probably be black or purple.

If I ever have to find an exclamation to describe the National Show I would use “What a pity!”

A sequence of negative events made the show the poorest in participants and in visitors. The reasons? First of all the rain that fell more than heavily and worried the authorities launching alerts not to move from home. Of course this alarm caused a consistent reduction of public. Furthermore the general insecure situation of the Italian economy and the specific problems of the livestock didn’t induce the farmers and the professionals to come over. Not even better the spirit of the employees of the Breeders Associations that are living a very uncertain moment for their future. In addition two farms participating had family mourning.

At the end we had only 20 farms and 140 animals displayed. True that “It’s not the quantity but the quality that counts” but still it’s not nice to see the MIAC half full or half empty. One can find excuses: it’s true that the sanitary conditions, even more restrictive, may limit the participation for some farms and in the past years the farmers used to bring “all the shed” to the shows while in the last years the animals are few and ultra selected. But this is still not enough…. With the actual difficulties in getting the governmental and private grants it’s now necessary to make some reflections about whether and how to set the next National Show.

The event closed on Sunday 6th November with no problems for the over floating and everybody could go back home safely. We do trust in the market improve for next year and to a solution for the problems regarding the Italian Breeders Associations. Let’s find bright and lively colours to paint the 33rd National Show.
XXXII\textsuperscript{nd} NATIONAL SHOW - CUNEO

**BULLS CHAMPION**

IT004990456606 ORBASSANO  
Isaia Carlo - Cuneo

**BULLS RESERVE**

IT001990275380 PROFETA  
Caffer Mario - Cavour

**COWS CHAMPION**

IT004990024545 LEGA  
Soc. Agr. Delsoglio F.Lli S.S. - Fossano

**COWS RESERVE**

IT001900233756 GIADA  
Barale Pieranna - Rivarolo Canavese

**YOUNG BULLS CHAMPION**

IT00499081398 RITIRO  
Vignolo Marco - Morozzo

**YOUNG BULLS RESERVE**

IT004990900271 SASSO  
Vignolo Marco - Morozzo

**HEIFERS CHAMPION**

IT004990746693 RAVANIN  
Soc. Agr. Delsoglio F.Lli S.S. - Fossano

**HEIFERS RESERVE**

IT004990780792 REGGIA  
Isaia Carlo - Cuneo
OVERALL CHAMPIONS

BULLS
CHAMPION: IT004990456606 ORBASSANO (LISCIO X GENEP ALI AI) ISIA CARLO - CUNEO RESERVE: IT01900233756 GIADA (DENIS X LUCRO AI) BARALE PIERANNA RIVAROLO CANAVESE

COWS
CHAMPION: IT004990024545 LEGA (FORD AI X VIALLI AI) SOC.AGR. DELSOGLIO F.LLI S.S. - FOSSANO RESERVE: IT01900023701 SASSO (ONORE X GRANDE) VIGNOLO MARCO - MOROZZO

HEIFERS
CAMPIONESSA JUNIOR: IT019004746893 RAVANIN (IDEALE AI X EPICO) SOC.AGR. DELSOGLIO F.LLI S.S. - FOSSANO RESERVE: IT01900780792 REGGIA (MARIO AI X GOLFO AI) ISIA CARLO - CUNEO

RESULTS BY CATEGORIES

CAT. 1 - YOUNG BULLS FROM 8 UP TO 11 MONTHS CHAMPION: IT004990900271 SASSO (ONORE X GRANDE) VIGNOLO MARCO - MOROZZO RESERVE: IT01900780811 SANBUCO (ORBASSANO X COBRA AI) ISIA CARLO - CUNEO

CAT. 2 - YOUNG BULLS FROM 11 UP TO 14 MONTHS CHAMPION: IT004990900236 RIGAZIO (PABLO X LEO AI) VIGNOLO MARCO - MOROZZO RESERVE: IT01900480021 RICKY (POETA X MISTERO) CAFFER MARIO - CAVOUR

CAT. 3 - YOUNG BULLS FROM 14 UP TO 18 MONTHS CHAMPION: IT004990861398 RITIRO (PABLO X DAK-MOTO) VIGNOLO MARCO - MOROZZO RESERVE: IT01900861376 RETRO (NASO X DINGO) VIGNOLO MARCO - MOROZZO

CAT. 4 - BULLS FROM 18 UP TO 24 MONTHS CHAMPION: IT004990816212 REMO (MARIO AI X BIANCO AI) VIALE LUCIANO - LIMONE PIEMONTE RESERVE: IT01900489011 RANGER (POETA X INTERNET AI) CAFFER MARIO - CAVOUR

CAT. 5 - BULLS FROM 24 UP TO 36 MONTHS CHAMPION: IT001990275380 PROFETA (LUKI AI X Z-147) VIGNOLO MARCO - MOROZZO

CAT. 6 - BULLS OVER 36 MONTHS CHAMPION: IT004990456606 ORBASSANO (LISCIO X GENEP ALI AI) ISIA CARLO - CUNEO RESERVE: IT01900226411 MUSCHIO (IGLU AI X VIALLI AI) LUNNO EDOARDO - CARAMAGNA P.TE

CAT. 7 - HEIFERS FROM 8 UP TO 11 MONTHS CHAMPION: IT004990780792 REGGIA (MARIO AI X GOLFO AI) ISIA CARLO - CUNEO RESERVE: IT004990780811 SANBUCO (ORBASSANO X COBRA AI) ISIA CARLO - CUNEO

CAT. 8 - HEIFERS FROM 11 UP TO 14 MONTHS CHAMPION: IT004990780792 REGGIA (MARIO AI X GOLFO AI) ISIA CARLO - CUNEO RESERVE: IT004990816180 RAIA (MAGNUM AI X CASTOR) SOCIETA' AGRICOLA LA MANDRIA DI GIORDANO F.LLI RENATO - CUNEO

CAT. 9 - HEIFERS FROM 14 UP TO 18 MONTHS CHAMPION: IT004990780792 REGGIA (MARIO AI X GOLFO AI) ISIA CARLO - CUNEO RESERVE: IT004990816155 RAMONA (MIRINO X DELANO AI) SOCIETA' AGRICOLA LA MANDRIA DI GIORDANO F.LLI RENATO - CUNEO

CAT. 10 - HEIFERS FROM 18 UP TO 24 MONTHS CHAMPION: IT004990784435 RIVIERA (MR ELEGANCE X TUONO AI) VIGNOLO MARCO - MOROZZO RESERVE: IT004990707291 QUALINA (MIRINO X DELANO AI) SOCIETA' AGRICOLA LA MANDRIA DI GIORDANO F.LLI RENATO - CUNEO

CAT. 11 - HEIFERS FROM 24 UP TO 30 MONTHS

CAT. 12 - COWS UP TO 4 YEARS CHAMPION: IT004990506131 OSSIA (MIGLIORE AI X VIALLI AI) SOC.AGR. DELSOGLIO F.LLI S.S. - FOSSANO RESERVE: IT0190035798 PIOPPA (LOTUS AI X DELANO AI) PAGANI VALERIO - OLTRONA DI SAN MAMETTE

CAT. 13 - COWS FROM 4 UP TO 6 YEARS CHAMPION: IT004990023112 NURSE (GOLFO AI X CALIO) PELEGRINI GIUSEPPE - APPIANO GENTILE RESERVE: IT01900194266 ORCHIDEA (EBRON AI X SILVEBECH) BARALE PIERANNA - RIVAROLO CANAVESE

CAT. 14 - COWS FROM 6 UP TO 10 YEARS CHAMPION: IT004990024545 LEGA (FORD AI X VIALLI AI) SOC.AGR. DELSOGLIO F.LLI RENATO - CUNEO RESERVE: IT004990023376 GIADA (DENIS X LUCRO AI) BARALE PIERANNA - RIVAROLO CANAVESE

CAT. 15 - COWS OVER 10 YEARS CHAMPION: IT004990024545 LEGA (FORD AI X VIALLI AI) SOC.AGR. DELSOGLIO F.LLI S.S. - FOSSANO RESERVE: IT004990023376 GIADA (DENIS X LUCRO AI) BARALE PIERANNA - RIVAROLO CANAVESE

CAT. 16 - COW-CALF PAIR CHAMPION: IT004990239292 MAIA (GHIBLI AI X TIMO) CALF: IT004990971318 SFI GATTO (PUPILLO AI X MAIA) AZ.AGR. BELVEDERE DI GIRAUDO ROBERTO - CUNEO RESERVE: IT004990024545 LEGA (FORD AI X VIALLI AI) SOC.AGR. DELSOGLIO F.LLI S.S. - FOSSANO
11th Photographic Contest

My Piemontese

1° prize colour
"This job is my passion"
Capra Stefano - Isola d’Asti (AT)

2° prize colour
"A short rest in company"
Landra Federico - Borgo S.Dalmazzo (CN)

3° prize colour
"Friends"
Garzini Franco e Renato - Villar S.Costanzo (CN)

1° prize black-white
"Meetings and discussions"
Tomaciello Miriam - Cuneo

2° prize black-white
"Meeting with a Piemontese"
Gallo Leo Giuliano - Avigliana (TO)

3° prize black-white
"the newcomer at the Alps pasture"
Vignolo Federica - Centallo (CN)

Prize "Curious photo"
"You don't look 150 years old. Happy birthday ITALIA"
Dutto Roberto - Borgo S.Dalmazzo (CN)

1° Prize "Foreign photo"
"Oma Marchella knuffelen - Cuddling Granny Marchella"
(this nice cow is 15 years old)
Jan en Maria Nyhof - Holden (Holland)
Artificial insemination: why not?

If the stalling conditions and feeding the herd have a big influence on the economic results of the farm we have to admit that the success also depend on all the aspects strictly linked with breeding. For these reasons a careful choice of the sires and cows for the matings gives an high contribution to increase the incomes of our farms.

As far as the Piemontese is concerned when we visit a breeder most of the times he shows us with pride his bull as a farm visit card, nearly ignoring the cows. We are actually dealing with a beef breed and that wonderful “body builder” might give us an idea of how many steaks one can get from that herd…

On the other hand we have to remark that since some years the breeding traits (birth and calving) are getting higher importance same as the productive traits. That’s why we need not only sires with good growing and conformation but also sires with high breeding traits. And don’t we forget that heifers need specific sires for them!

Of course it’s extremely difficult to find a sire that can give to the progeny: conformation, growing, correctness, birth ease an calving ease (even if some breeders are sure they found him in their own herd). It’s clear then that only one sire is not enough for all the farm needs, but the farmer should have at least two or three available. Still, in particular conditions, the stock bull can’t be given up, but most of the times a flake of frozen semen can give many advantages. Let’s find together some of the benefits:

- a flake of semen costs less than a bull, takes up just a little space and doesn’t need to be fed several time a day (just fill it periodically with liquid nitrogen)
- won’t get any accident or disease
- will never attack us when managed
- can store the semen of all the sires we want, chosen according our needs and enough diversified to avoid inbreeding
- frozen semen is sanitary controlled and its use won’t spread around any infection in the cows
- using AI allows a better control of the fertility and of the gynaecological conditions of the cows
- using the semen of the young sires we can always get the most recent genetics with great genetic improvement and advantages for our herd.

Of course to use AI we need a vet or we must pay attention to get the right moment for the insemination, however nowadays there are many courses and it can be easily done by anyone.

This short article doesn’t want to be an advertisement for AI, we only like to point out its positive aspects. The Piemontese breeders have an AI Station at Anaborapi that, in its short life, already had produced 7 millions frozen straws. The selection of the breed has reached a high efficacy just through the use of the AI because the sires have brought in the population the most favourable genetic traits.
Big launch for the Piemontese beef in Ireland

Mr. Fennelly and Mr. Commins (chairman and council member of the Irish Piemontese Society) just started an innovative way to promote and market the Piemontese beef. Pointing on the healthy qualities of this unique product and working strictly with purebreed animals they set up a web butcher-store selling individual cuts and mixed boxes and have invested in chilled transport units to deliver vacuum-packed product to customers’ doors. The success has been immediately boosting: just after few weeks magazines dedicated articles to them and they are getting enthusiastic reviews from their customers.

John Commins says “From the health point of view, this is a great product. If you’re on a diet, there’s only so much chicken you can eat. A lot of people are telling us they’re delighted to be able to eat beef again, and that they love the flavour and tenderness of this beef”.

Anaborapi do congratulate with them: this means another success star in the big Piemontese sky!

http://irishpiemontesebeef.ie/

Proven sires: June - December 2011

**PARADISO**

<table>
<thead>
<tr>
<th>BREEDER</th>
<th>Bertinetti Giovanni Bartolo - Cavallerleone (CN)</th>
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</thead>
<tbody>
<tr>
<td>PEDIGREE</td>
<td>father MEDIANO (AI)</td>
</tr>
<tr>
<td></td>
<td>mother NEVINA</td>
</tr>
<tr>
<td></td>
<td>Pat. grandfather INDICE (AI)</td>
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<tr>
<td></td>
<td>Mat. grandfather LEONE (AI)</td>
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**GENETIC VALUE**

<table>
<thead>
<tr>
<th>Breed</th>
<th>Genital</th>
<th>Meat</th>
<th>Birth ease</th>
<th>Calving ease</th>
<th>Size</th>
<th>Correctness</th>
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</thead>
<tbody>
<tr>
<td>Breeding</td>
<td>116</td>
<td>123</td>
<td>109</td>
<td>108</td>
<td>99</td>
<td>102</td>
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**GENETIC VALUE**

<table>
<thead>
<tr>
<th>Performance Test - phenotypic data</th>
</tr>
</thead>
<tbody>
<tr>
<td>weight begin</td>
</tr>
<tr>
<td>77</td>
</tr>
</tbody>
</table>

**Proven sires**:

- **Paradiso** is the first son of Mediano to be proven at the progeny test. He confirms the excellent birth ease of his pedigree and improves the growing rates (thanks to his grandfather Leone) losing a bit in conformation. His traits make him a Meat Line sire that can be used on heifers. As expected the calving ease of his daughters is slightly under the average. For inbreeding reasons **Paradiso** shouldn’t be used on the daughters of Mediano, Indice, Leone and Odino.
**Peso**, son of Limbo and descendent from Elisir, compared to Paradiso is a sire that requires more care. As expected growing and size are high and although the good birth ease we advice to use him only on second or third calving cows. About conformation Peso is similar to his grandfather Elisir ed inferior than Limbo. The daughters of Peso, with a calving ease slightly over the average, probably won’t be top cows but still can be reared.

Not to be mated with the daughters of Limbo, Nibbio, Nastro, Ostu, Profugo, Elisir, Minosse, Merlino, Magico and Narciso.

**Pupillo** is the first son of Natale to end the performance test. His traits are a good balance between the productivity of the father and the attitudes of the maternal grandfather Cobra. Pupillo is medium size and gives a very high muscularity, good growing rates and fine bones. He doesn’t require much care, but still it’s better to use him only on adult cows from third calving. Thanks to the influence of Cobra we expect from his daughters a very good calving ease even if the size won’t be very big. Pupillo, due to his pedigree shouldn’t be mated with the daughters of Delta, Delano, Viali and Elisir.

After Pupillo, recently proven, Quasimodo is the second proven son of Natale. Compared to Pupillo, Quasimodo shows an higher structure and somatic development and gives high growing rates. The conformation of his offspring is definitely good mixing well the production traits of Natale with those of his maternal grandfather Billy. Quasimodo requires care about birth as displayed by his index 99 so we advice to use him only on adult cows. Beside, his daughters should be very interesting for breeding having big size and calving ease as already shown by Natale’s daughters. The matings to be avoided are: the daughters of Golfo, Delta, Delano, Billy, Vasco, Enzo and Internet.
The visual appraise, that is currently carried by the experts in the Piemontese farms, is made to verify that bulls and heifers are of pure Piemontese breed and exclude from the Herd Book crossbreds and other breeds. This has turned to be a very important aspect, specially in the recent years, because many new farms, from other Regions, registered in the Herd Book. In addition it’s required to certify the breed for commercial purposes. To determine the breed the expert works on the “Standard of the breed” that represents one of the fundamental laws of the Herd Book. We publish it with images drawn by Matteo Ridolfi, new breed expert.

Conformation and type
Breed with marked tendency for beef production, with an adequate somatic development, good weight daily gain, good adaptability to different environments and good milk production for the calf.
Chest is wide and muscled, wide withers, long trunk, rump and tight with good muscular development.
Carcass with little fat, low bones percentage and excellent quality beef.

Morphological traits
Coat: in the sires the coat is grey or light fawn with some black hair over the head (in particular around the orbital) on the neck, on the shoulders and on the distal area of the legs; sometime even on the lateral areas of the trunk and of the rear legs with dark spots; in cows the coat is white or light fawn fading grey or fawn; calves at birth are dark fawn.
Pigmentation: The following part are black: muzzle, oral mucosa (tongue, palate and cheeks), the eyelashes, the edges of the eyelid, the flock of the prepuce, the lower part of the scrotum, the top of the tail, the anus, the vulvae, the hoofs. The horns are black up to 20 months then become yellow at the base, light in between and black on top. The partial depigmentation of these parts is not reason of exclusion.
The coat is the first trait we consider to set the breed and can have a wide variability due to sex and to breeding conditions.

In cows there is less variability while in bulls the coat can vary going from white to dark fawn to black as shown in the following pictures.

Concerning the breeding conditions when the temperatures are mild hair is short and light, vice versa with chill temperatures hair is longer and darker.

Calves kept indoor in general have a fawn coat, while with a long coat (caused by low temperatures) can fade to white-grey.

The mucosa both the external and in the mouth can show a depigmentation: a pink tongue, a spotted muzzle, a spot in the anus or a light tuft in the tail can be accepted as long as they are singular and all the other traits belong to the breed.

If an animal show more than one of these defects it will be considered a crossbred and not registered in the Herd Book.

### AVERAGE SOMATIC SIZES (cm)

<table>
<thead>
<tr>
<th>MALE (data collected at Anaborapi Test Station and AI Station)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>1 year</td>
<td>2 years</td>
</tr>
<tr>
<td>Withers height (cm)</td>
<td>120</td>
<td>137</td>
</tr>
<tr>
<td>Trunk length (cm)</td>
<td>144</td>
<td>176</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>510</td>
<td>826</td>
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<table>
<thead>
<tr>
<th>FEMALES (data collected by the Piemontese Experts)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Heifers</td>
<td>Adult cows</td>
</tr>
<tr>
<td></td>
<td>2 years</td>
<td></td>
</tr>
<tr>
<td>Withers height (cm)</td>
<td>130</td>
<td>134</td>
</tr>
<tr>
<td>Trunk length (cm)</td>
<td>154</td>
<td>161</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>530</td>
<td>650</td>
</tr>
</tbody>
</table>

**Withers height:** from the withers top to the ground.  
**Trunk length:** from the top of the shoulder to the top of the ischium.  

**Skin:** smooth, elastic and thin  
**Head:** expressive, shorter and larger in bulls, longer and finer in cows, sinciput covered by a little forelock, often fawn, front flat or slightly convex between the two orbital arches, ears of medium development, big black eyes with lively expression, the nose is large, straight with wide nostrils, large muzzle with wide mouth and well prominent lips.  
**Neck:** large, muscled with prominent hump in the bulls, long and less muscled in the cows, light dewlap of medium development.  
**Shoulders:** firm, large and muscled, well touching the trunk and in the correct direction  
**Wither:** wide and muscled, well connected to the neck  
**Back:** large and horizontal  
**Loins:** muscled and solid  
**Breast:** large and muscled  

**Chest:** deep  
**Ribs:** well arched, long and deep  
**Belly:** wide and deep  
**Hips:** solid, fairly long  
**Rump:** in the bulls wide and of good muscular development, in cows large, long and muscled  
**Tail:** long, with handsome tuft  
**Thigh:** in bulls wide and well muscled, in cows solid and well developed  
**Buttocks:** in bulls wide, long and with good muscular development, in cows wide and well sloping  
**Front legs:** solid, slightly short arm, long and muscled forearm, thick and large knee, medium length and solid cannon-bone, strong fetlock, short pastern, strong and closed hoofs  
**Rear legs:** straight, with no defects, muscled leg, large and solid hock, not post legged and not sickle hocked, strong fetlock, short pastern, strong and closed hoofs  
**Walking:** regular  
**Udder:** correct conformation, with regular quarters and nipples well placed, well vascularized  
**Testicles:** correctly developed and down in the scrotum.
Variability in the coats...

Tendentially **WHITE**: still there are some grey or dark hair on the arms and on the shoulders.

Tendentially **FAWN**: copious fawn-brown hair, but still fading areas on the back, the rear cannon-bones, on the head and on the neck.

Tendentially **DARK**: copious black hair, but still fading on the back, the distal part of the rear legs, part of the head (light hair must link the front with the muzzle).

The coat in the calves is normally dark fawn; with low temperatures and consequently with long hair the colour can change and trend to grey-white.

...and in pigmentation

A single depigmentation of the muzzle and of the anal mucosae is not condition of exclusion from the Herd Book.
From September 23rd to the 25th, Midwestern Piedmontese breeders from the United States met to exhibit and show their cattle at the World Beef Expo in Milwaukee, WI. The show was sponsored by the Piedmontese Association of the United States. A total of 28 animals from 7 different owners and 12 separate breeders converged on Wisconsin State Fair Park for the annual show.

The show commenced on Friday the 23rd and it was clear from the beginning that the Piedmontese animals were to be carefully and closely scrutinized by this year’s judge, Tim Erickson of Bolivar, MO. Mr. Erickson mentioned during his comments that his principal experience with Piedmontese cattle had been during carcass evaluations and that he had always been impressed by their superior dressing out percentages and the near absence of back fat found on the breed.

There was stiff competition in the heifer classes with the majority of the entrants being represented there. The Grand Champion Heifer honors went to Golden Glow Princess, a daughter of the Italian sire Max, owned by Golden Glow Farm. Max is noted for his muscularity and the evidence of this trait could be seen on this particular offspring. CSG B2 Babe, was the Reserve Grand Champion Heifer, owned by Carl and Susan Graves. Babe’s performance was particularly impressive in light of her March 22nd birth date. She performed exceptionally well against much older competition based on her excellent structure and obvious good muscling.

In the bull judging, DAS Bo, the six year old bull owned by Rock Ridge Farm impressed the judge with his large, exceptionally well muscled frame, earning him the Grand Champion Bull honors. Bo was sired by Cross, an Italian sire most noted for his calving ease. The Reserve Grand Champion Bull was Golden Glow Abele, a correctly structured yearling bull owned and bred by Golden Glow Farm of Wild Rose, WI. Golden Glow Abele was sired by the Italian bull Natale, a sire proven in the meat, muscularity and breeding categories.

The Cow/Calf competition came down to a pair of 4 and 5 year old cows. REG Miss Rachael, shown by Carl and Susan Graves, was the winner of the pairing. This Bianco daughter had the well muscled Reserve Heifer Calf Champion Babe at her side creating a very impressive duo.

The Reserve honors went to Golden Glow Skittles, a Cedro daughter with twin Lento calves at her sides. The calves showed both the muscularity and rate of gain represented in their Italian breeding.

In additional competitions, Get of Sire honors went to Hennerberg Piedmontese of Diller, NE. Rock Ridge Farm secured the Breeders Herd title and Golden Glow Farm earned Produce of Dam honors.

This year’s show culminated with the Supreme Drive on Saturday evening. The crowd in the indoor arena was introduced to the Piedmontese breed as each Grand Champion animal was paraded in under the glare of the spotlight. Though the Piedmontese did not receive much attention by the judges during the Supreme Drive they made an impressive show for the audience showing off CSG B2 Babe.
their exceptional muscling, good structure and comportment.
The show drew to a close following the Supreme Drive for another year. The breeders at this year's show had an excellent opportunity to exchange information and discuss their animals with the general public and interested beef producers wandering through the barns.

Anaborapi has recently set a photovoltaic plant at the Test Station, stepping into the “green economy” based on the energy development from renewable sources and on production with environment compatibility.
The plant has 200 kwp power and covers the roofs of the sheds at the Test Station; the energy produced is directly used for the centre needs, the rest is passed to Enel, the official operator. In the night and in case of insufficient production Anaborapi will keep on buying from the official operator.
The project includes an incentive grant for each kwh produced for 20 years and the payment of the energy not used and passed to the net (about 0,10 €/kwh).
Of course this has been an important economic investment for Anaborapi considering the uncertain future.

The photovoltaic cells transform in electricity 10-15% of the sun energy they get.
The power is measured in kwp (1kwp is the panels surface to produce 1kwh: more less the energy used to cook a cake in the oven).
Today 1kwp correspond to 7-8 square metres of photovoltaic panels and costs about 3000 €.
In the light conditions of Piemonte region, 7-8 square metres of panels produce on average 1000 kwh/year for about 30 years and this brings the cost of the produced energy at about 10 cent/kwh. The photovoltaic requires anticipated costs when setting up the plant, but at least has a very low environmental impact, specially if it’s on the roof.
With our plant Anaborapi is trying to be self producing energy; may be in the future we’ll be able to obtain the heating for the offices, as well.
Piemontese in Colombia

Thanks to dr. Gabriel Ramirez for sending us these great pictures. He’s definitely keeping on a very good job with Piemontese crossbreds in Colombia, using Italian genetic. And, as you can see, he’s getting bright results. Felicidades!

Merry Christmas and Happy 2012