

Breeder Selections

THE FIRST AUTOMATIC PEDIGREE
COMPARISON IS HERE...



- COMPARE PEDIGREES IN
FEW SECONDS
- HIGHLIGHT ANY LINE BREEDING
- PREDICT THE GENETIC
POTENTIAL OF THE FUTURE
FILLY/FOAL
- PROMOTE **BREEDERS**
- ACCESSIBLE **WORLDWIDE**

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WWW.BREEDERSELECTIONS.COM



Breeder Selections



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by Fabio Brianzoni

In the breeding of Arabian horses, **inbreeding** and **linebreeding** are commonly used strategies to consolidate desirable traits such as type, movement, temperament, and performance. However, when these methods are not applied with genetic awareness and precision, they can lead to serious risks for the long-term health and vitality of the breed.

Breeder Selections is **THE LARGEST VIRTUAL STABLE IN THE WORLD**, thanks to an **INNOVATIVE ALGORITHM** designed to help breeders choose the most suitable animals to mate following a genetic criterion. It compares the pedigrees of selected breeders **in a few seconds**, and scans all ancestors for six generations, possibly reporting the presence of common parents, inbreeding or line breeding, giving you a quick review of genetic compatibility between the breeders. The pedigree of each horse is presented with a new, colorful, and interactive design. Every family tree contains 63 registered subjects, with an automatic age calculation, that changes automatically year after year (so you don't have to calculate it just by looking at the year of birth), it visually analyzes whether there is high or low genetic variability between the two animals without having to observe two separate family trees, checking manually and risking getting lost among the various branches and not noticing grandparents, great grandparents or entire bloodlines in common.

Inbreeding is the mating of two closely related individuals, for example, father × daughter, or full brother × full sister. This results in a high inbreeding coefficient (F), meaning a greater proportion of genes in the offspring are identical by descent. This kind of mating can be risky, and lead to serious short-term genetic defects that often do not leap from generation to generation. Linebreeding is a milder, more strategic form of inbreeding, where horses are bred with a common ancestor further back in the pedigree, for example, both horses descending from the same stallion in the 3rd or 4th generation. That helps maintain the influence of a great foundation sire or dam. The goal of a good and strategic linebreeding is to reinforce positive traits over generations.

Linebreeding is often used by breeders to evidence good traits in the offspring such as head, body, charisma and more... But we all have to know that close linebreeding (for example using a stallion with the same grandfather of the mare) increase the chances also to inherit the defects of our favourite horses and not only merits, due to the higher concentration of recessive genes (especially harmful ones) that can result in inherited health problems very common in show horses, such as ATAXIA, OVERBITE, CLUB FOOT, LFS, SCID, JOINT DEFECTS and more... This means that we have to be sure to use genotypically and physically strong horses for the welfare of our foals, but how?



Breeder Selection can also be used to **study the linebreeding**, so that it immediately highlights which specific horse is being used by displaying the genetic distance. An error code shown on the screen will tell you whether it is strategic, or simply a reduction in genetic variability.

We want to present to the public the possibility of using innovative bloodlines, **without sacrificing the show quality that we love**.

The goal of this website, is to make the selection process simple and **accessible to all breeders worldwide**, also young breeders who need to familiarize themselves with the complex and numerous lines to choose from to improve the aesthetic appearance and performance of their products. All this offers the opportunity for people in the sector to share their breeding choices with everyone, compare and experiment with new pairings, estimating the genetic potential, and promote farms that are willing to **invest in the "WELFARE OF THE BREED"**.

Imagine seeing the genetic distance between two horses clearly visualized, understanding which pairings can bring strength or vulnerability to the foals, and being guided by a system that transforms complex data into valuable decisions. In a sector where every mating can change the fate of a breeding program, Breeder Selections gives breeders the confidence of knowing their choices are based not just on tradition or intuition, but on a complete, informed and full of potential vision. This is how the future of breeding becomes not only more responsible, but exciting and full of possibilities

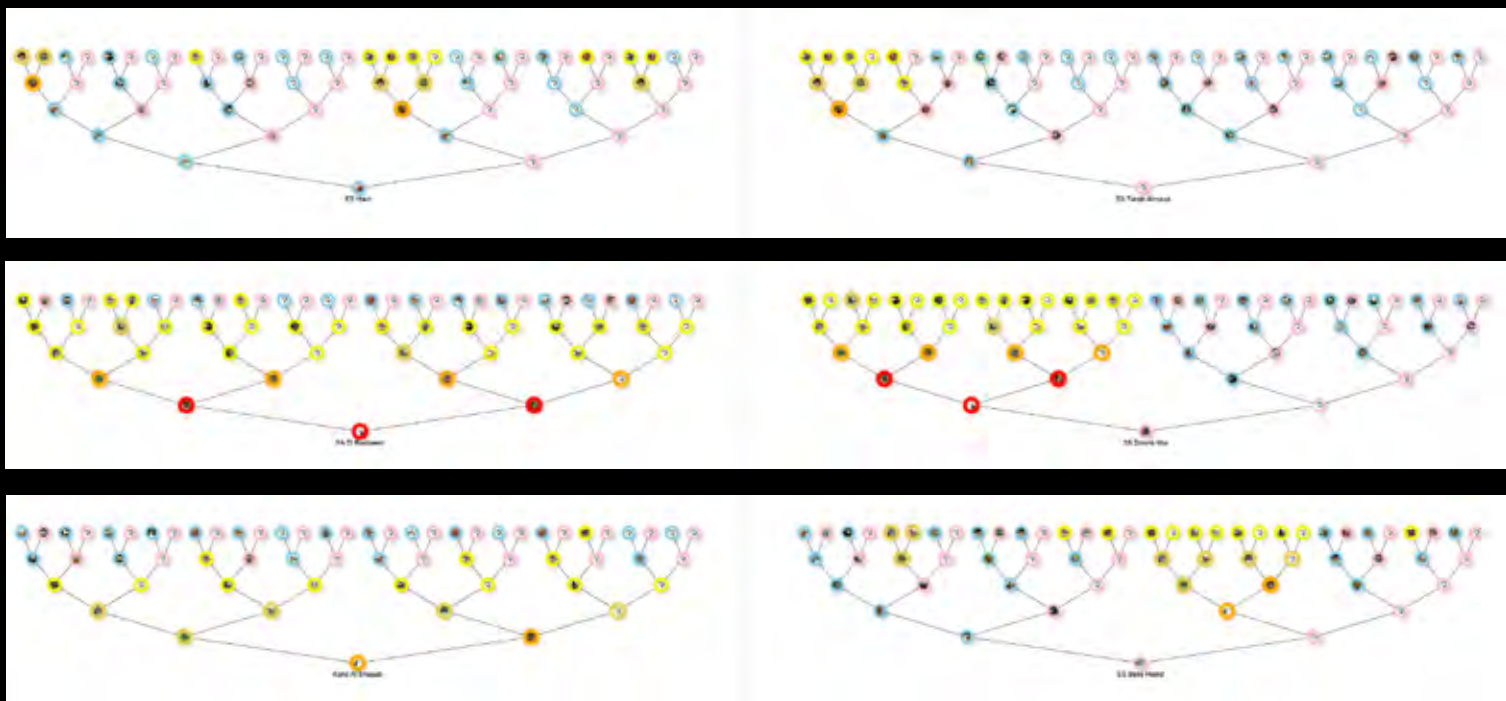
MADE FOR BREEDERS: a breeder registered with Breeder


Selections is certainly someone who prioritizes the genotypic quality and pedigrees of their purebred Arabians, strengthening their characteristics and selecting according to the principle of genetic compatibility. It is an opportunity to share one's breeding choices and bloodlines with the Arabian horse industry, and to promote one's stud on a new, innovative and growing web platform. Thanks to the **FIRST AUTOMATIC PEDIGREE COMPARISON**.

TRAINING CENTERS: B.S wants to present an **ONLINE TRAINING CENTERS DATABASE**, they indirectly provide significant support to breeders, not only by preparing horses to compete in the most prestigious shows, but also by assisting in the buying, selling and selection process. This is made possible thanks to their access to imported stallions and mares, available through stud fees, embryos, and leasing opportunities.

In addition to their personal page, the website features stallions available for breeding, broodmares and show foals for sale, each linked to its complete pedigree in an innovative format, along with photographs, videos, descriptions and any performance records. The services available to owners and breeders are publicly listed (such as horse walker, treadmill, paddock, stalls, and the number of spaces available), together with contact information, and media materials to support the presentation of the facility. Promoting breeding, new bloodlines available and embryos for sale.


OWNERS: the pedigrees of their registered horses are available on the website, which allows them to use the comparison tool with their bloodlines to strategically plan their future breeding choices. The website also offers the






GENETICALLY INCOMPATIBLE


#INBREEDING DETECTED - GENETICALLY INCOMPATIBLE HORSES






GENETICALLY COMPATIBLE


NO INBREEDING DETECTED - SOFT LINEBREEDING





GENETICALLY COMPATIBLE

NO INBREEDING DETECTED - PERFECTLY COMPATIBLE HORSES





WEAK GENETICS

NO INBREEDING DETECTED - SOFT LINEBREEDING



additional option for Breeder Selections to handle the negotiation of sales, making the process easier for owners. Not only are the horses more prominently showcased on the site, but they are also professionally presented and promoted during private consultations with other breeders.

CLINICS: the website will provides a database of clinics that offer specialized services for high-level artificial horse reproduction, outlining what they can offer to those who wish to inseminate their mare, produce fresh or frozen semen from their stallions, or produce embryos from their best mares / perform embryo transfer.

Breeder Selections is **more than a tool**, it is a vision for the future of breeding. It empowers breeders to look beyond the present, to make choices guided not only by tradition, but by knowledge, responsibility and ambition. By offering clarity in genetic relationships, confidence in line breeding decisions and access to advanced reproductive services, the platform allows innovation without fear and progress without compromise.

In a world where every breeding choice shapes the next generation, Breeder Selections gives breeders the freedom to dream bigger, plan smarter, and protect the quality they believe in. It is where passion meets science, and where today's decisions become tomorrow's champions.

For more detail VISIT THE WEBSITE: breedersselections.com

We have many written pages where we explain all the specific services we offer to anyone who is part of the great Arabian horse industry, even in a small way.

Contacts

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