



## PRODUCT IMPACT REPORT

# Optimize your business with the unique DanBred Breeding Engine

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Results from our record-breaking progress on FCR, ADG and LP5

# The Path to Great Results

The application of a dedicated breeding program is fundamental to modern pig production and has important implications for the pig farm's productivity and economic progress.

With more than 100 years of targeted, focused work selecting and breeding the right pigs, DanBred has given the Danish pigs a significant advantage over its competitors.

DanBred's breeding work, along with our strong crossbreeding program, has led to the development of the DanBred Hybrid production sow, which has unique mothering abilities and good longevity and guarantees more viable pigs per litter along with weaners and finishers with high daily gain and optimum feed conversion.

DanBred delivers world-class genetics and service solutions that aim for the best overall economy pig producers by simultaneously providing improved productivity, genetic and economic progress, and technical management support.

By doing so, DanBred makes it possible to produce the highest quality pork with the least cost possible; maximum output for less input.

# Why use DanBred as your Genetic Partner?

Targeted breeding has made DanBred genetics one of the best in the world. By partnering with DanBred, you benefit from all the genetic gains we are making.

DanBred offers the full package, from top genetics, knowledge hubs, and In-Farm support.

## Get access to:

- The Complete DanBred Breeding Supply Chain - the strongest and most safe Supply Chain of pig Genetics used by some of the world's largest pig producers. DanBred is one of the largest breeding companies, and we offer weekly deliveries of gilts, boars, and semen – in other words, a complete supply of pig genetics. In most European markets and Russia, DanBred offers gilts from local DanBred Multipliers.
- The DanBred unique breeding engine delivering record-breaking progress on FCR, ADG, LP5.

- DanBred In-Farm Solution Team offers a wide range of solutions such as start-up support at new DanBred Breeding Supply Chains, staff training, and solving issues. DanBred In-Farm Solution provides a wide range of solutions to ensure the expected results / KPI's through in-farm visits and online meetings.
- The DanBred Manuals are always available on your smartphone or similar. The DanBred Manuals help our customers release the full potential of our DNA through easy-to-follow guidelines, videos, and instructions.
- The DanBred Knowledge Hub. With easy access to practical knowledge to apply directly in the production environment, the DanBred Knowledge Hub expands the DanBred Manuals into a user-guided workspace.

And we will continue to optimize on all areas of which could make a positive difference to your business.

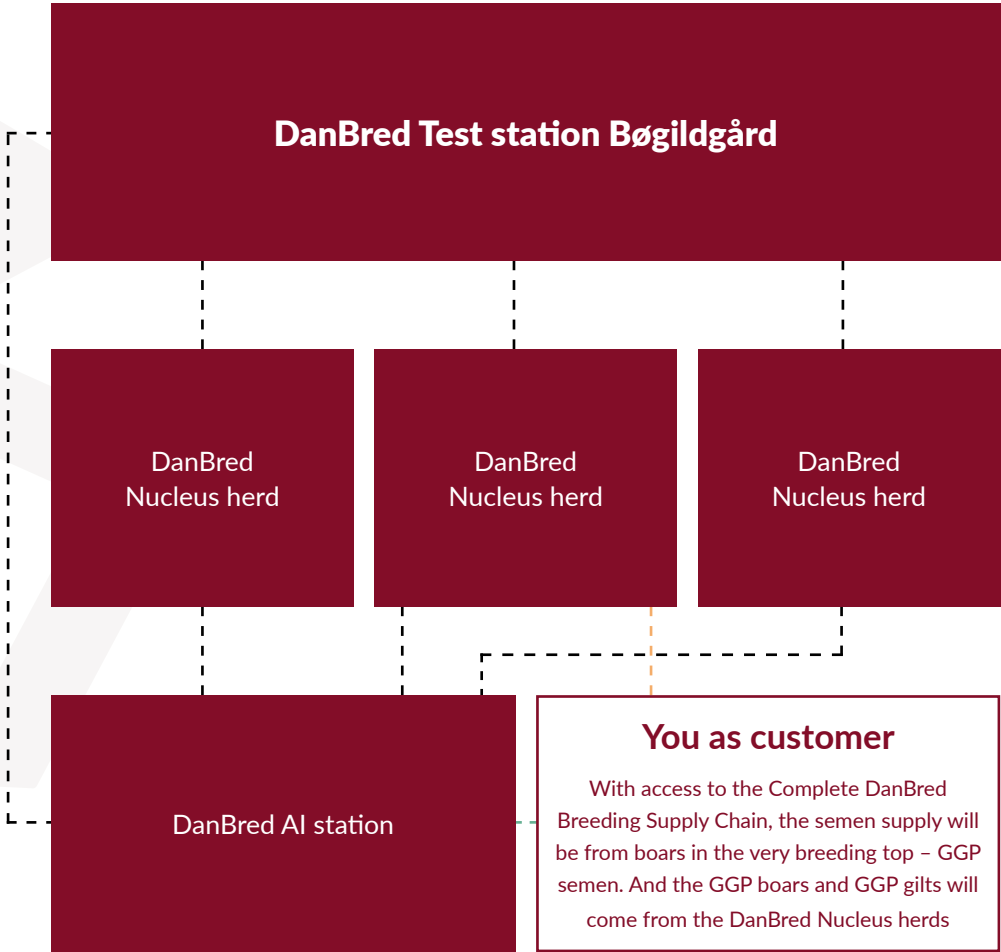
# Get access to the Complete DanBred Breeding Supply Chain

Flow of top Genetics. DanBred GGP - semen/boar/gilt supply will be from the very breeding top.

Explanation:

- Boars
- - - - - Boars / Gilts
- - - - - Semen

## Flow of top Genetics



**Example with start up 100,000 PS sows:**

**Flow of top Genetics**

**Maternal line**

Ongoing semen supply from Dan-Bred with 3,400 top index doses/year GGP semen (1,700 doses YY/year + 1,700 doses LL/year)

600 GGP sows

50% YY sows + 50% LL sows – supplying GGP and GP sows with 4,200 purebred gilts/year + 40 YY, 40 LL purebred boars/year for cross breeding at GP farm

5,400 GP sows

50% YY sows + 50% LL sows – supplying PS farms with 55,000 F1/year

100,000 PS sows

**Terminal line**

Ongoing semen supply from Dan-Bred AI stations with 1,200 top index DD doses/year GGP semen.

200 DD sows

Producing 600 DD boars for internal AI station

100,000 PS sows

# Timeline

Example with 100,000 sows:

## Year 1

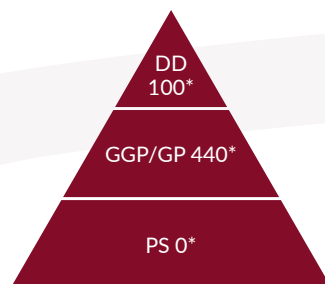
### Genetic Inputs

- 600 YY/LL gilts
- 150 DD gilts
- 3,400 YY/LL doses
- 1,200 DD doses

### Transferred gilts:

- 0 YY/LL gilts
- 0 F1 gilts
- 0 DD gilts
- 0 DD boars

### Number of sows:



## Year 2

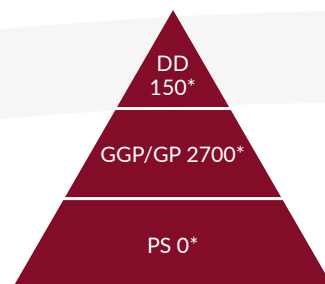
### Genetic Inputs

- 3,400 YY/LL doses
- 1,200 DD doses

### Transferred gilts:

- 4,800 YY/LL gilts
- 3,000 F1 gilts
- 250 DD gilts
- 300 DD boars

### Number of sows:



## Year 3

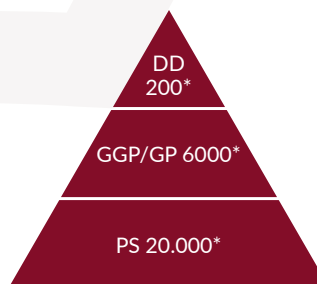
### Genetic Inputs

- 3,400 YY/LL doses
- 1,200 DD doses

### Transferred gilts:

- 5,000 YY/LL gilts
- 29,500 F1 gilts
- 300 DD gilts
- 450 DD boars

### Number of sows:



## Year 4

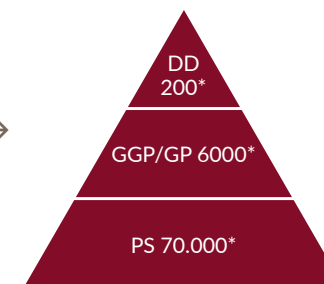
### Genetic Inputs

- 3,400 YY/LL doses
- 1,200 DD doses

### Transferred gilts:

- 5,000 YY/LL gilts
- 54,000 F1 gilts
- 300 DD gilts
- 600 DD boars

### Number of sows:



## Year 5

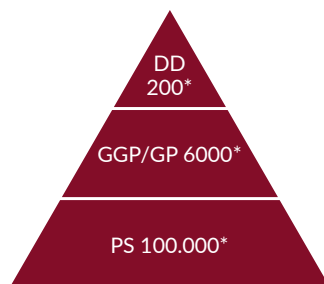
### Genetic Inputs

- 3,400 YY/LL doses
- 1,200 DD doses

### Transferred gilts:

- 5,000 YY/LL gilts
- 55,000 F1 gilts
- 300 DD gilts
- 600 DD boars

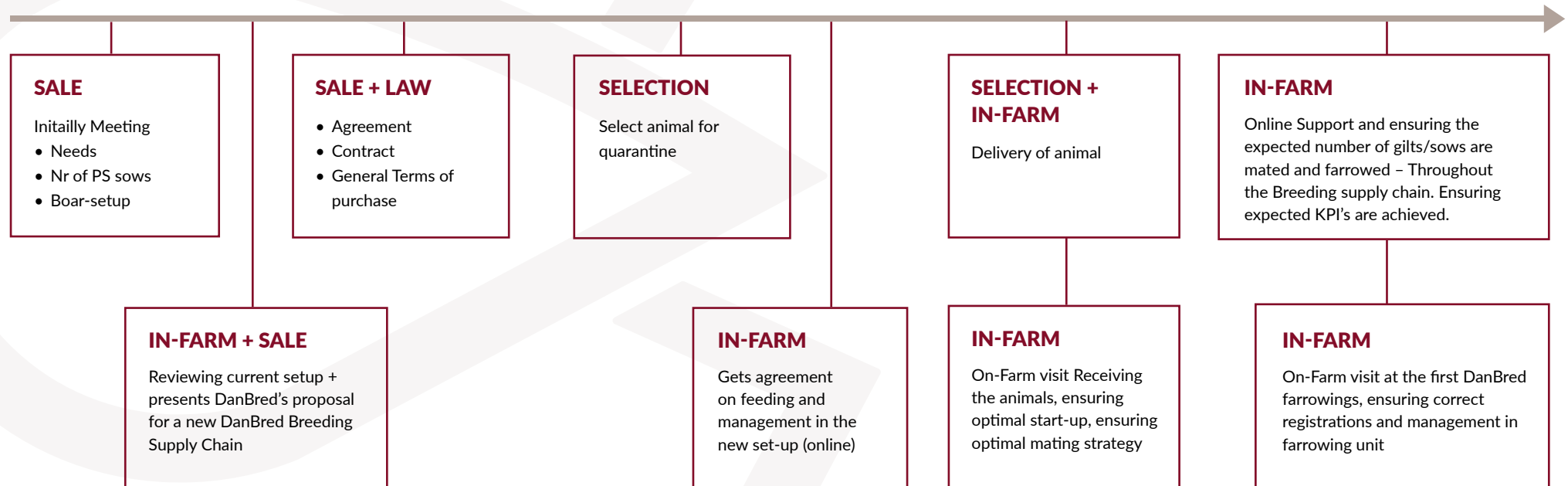
### Number of sows:



\*Average number of sows in production for the year - by a herd expansion, transferred gilts and number of sows cannot be compared.

# Timeline

## Involved DanBred departments by start-up a new DanBred Breeding Supply Chain



# DanBred In-Farm Solutions: Ensuring Progress

Besides offering DanBred animals/semen, our In-Farm Solutions also offers start-up support at new DanBred Breeding Supply Chains.

Our solutions, "DanBred Breeding Supply Chain" and "DanBred Multiplier," are solutions that will ensure an optimal start-up.

DanBred In-Farm Solutions offers a wide range of solutions to ensure that the expected results / KPIs are achieved (ensured through in-farm visits and online meetings).

Currently, DanBred In-Farm Solutions offers 18 different solutions. In addition, we also provide tailor-made solutions.

<https://danbred-knowledge.com/solutions/>



# DanBred Multiplier: Integrated multiplication value partnership

The ambition is to secure a wellcoordinated, agile, cost effective, and centralised genetic supplygeared for growth and competition to international standards.

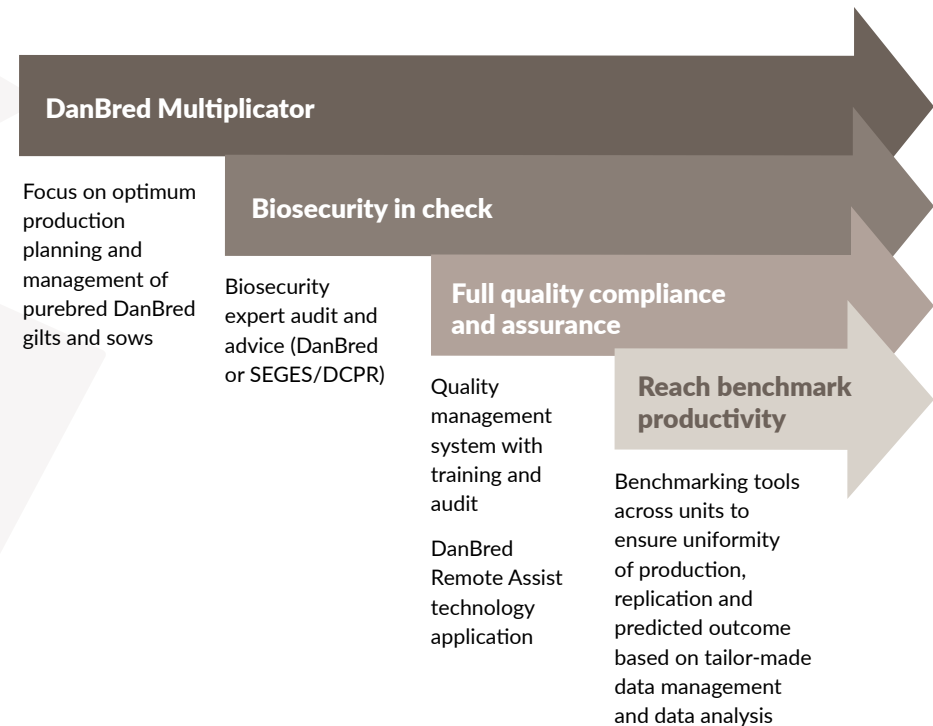
Together we set up YOUR DanBred breeding supply chain as agreed-upon and prepare a timeline that meets the goals within a realistic period.

## Goals

- Master the role as DanBred strategic multiplication partner with privileges and obligations for mutual benefit.
- Reach benchmark levels in the DanBred quality program to ensure certification.
- Target to be no. 1 source of top breeding stock and customers preferred source of breeding stock. Even though your multiplication is intended for internal use, top quality always will be a target.

## Key-value drivers and solutions interventions

This In-Farm Solution flow can be illustrated as seen here:



# DanBred Breeding Supply Chain: Coordinated breeding supply for growth

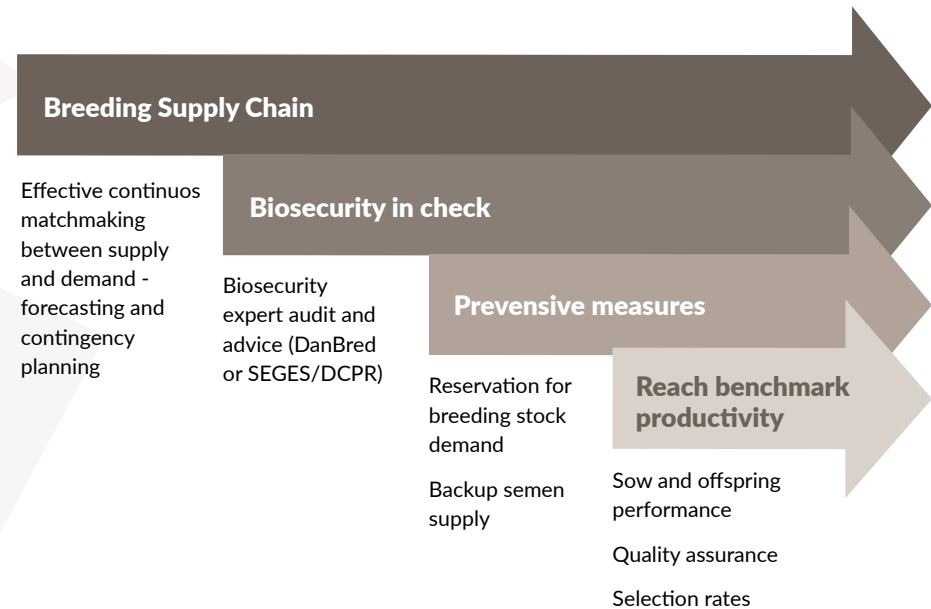
The ambition here is to create a well-coordinated, agile, and cost-effective centralized genetic supply geared for growth and competition to international standards.

## Goals

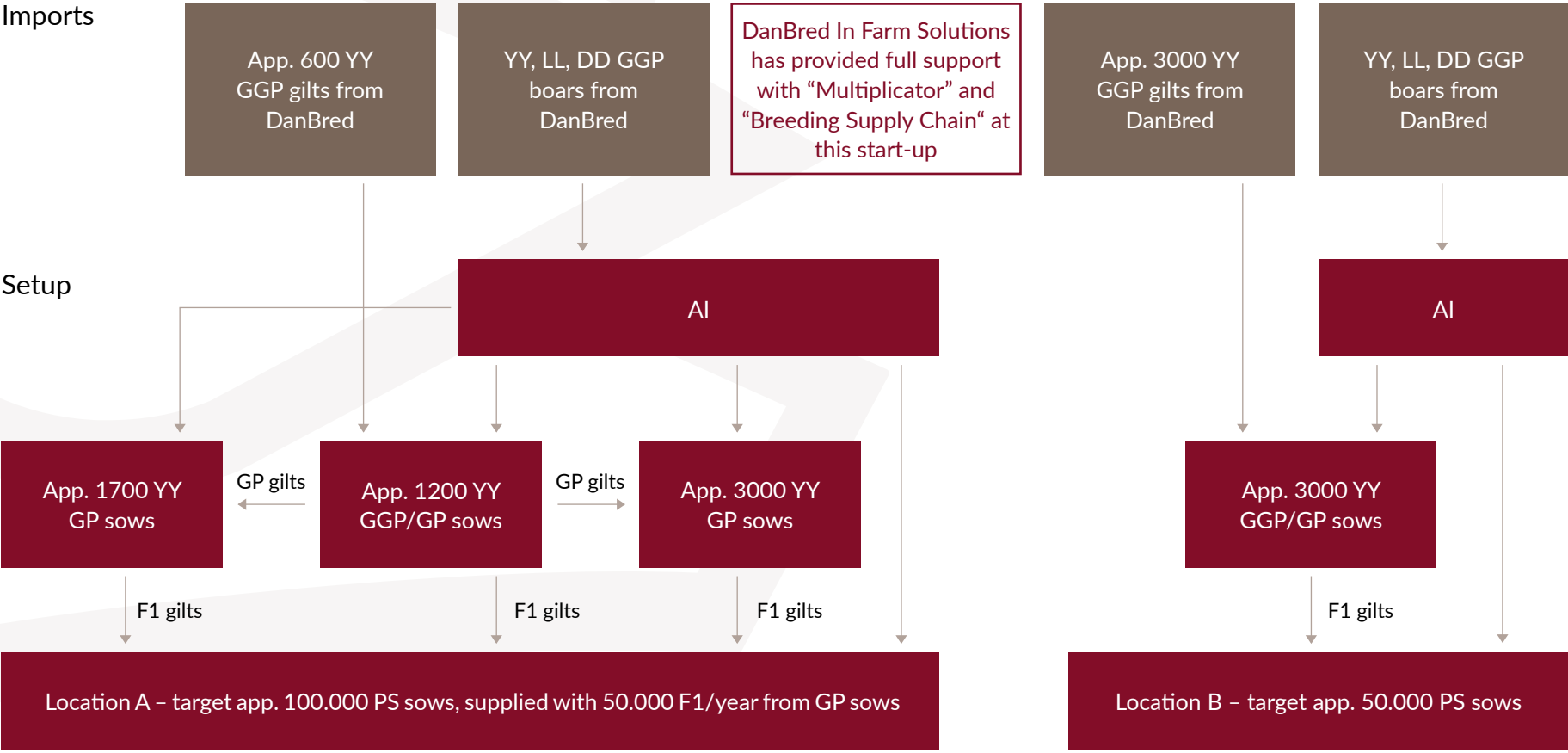
- Secure and optimize the flow of genetics (hybrids breeding stock as well as liquid genetics). Self-sufficient with market leading DanBred Hybrid gilts and terminal boars and secure breeding stock for future expansion of sow inventory.
- Produce target number of gilts per sow with an ambition to be in the top 10% of the benchmark. Reduce production cost per unit and ensure agility in shifting demands from production farms
- Ensure high indexed local production of DanBred terminal boars. Limit reliance on import and lower supply costs in case of high replacement >100% per year

## Key-value drivers and solutions interventions

This In-Farm Solution flow can be illustrated as seen here:



# Example: One of the largest companies in the CIS countries



## It's all about the genes

The DanBred Breeding Supply Chain secures and optimizes the flow of genetics and creates a cost-effective genetic supply geared for growth and competition to international standards.

Do you want to more about how the DanBred breeding engine can improve your business, please do no hesitate to contact us.

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