



## HAKA-embryos from the best animals of Northern Savo

**Average of the flushed Ayrshire HAKA-animals (2003) was**

- TMI +30 index points
- udder conformation index 114
- milk yield 10 894 kg



Orvokki 1220161 AAA  
Sire: Sköle 2nd lact.



Rima 1234989 A  
Sire: R. Johde 1st lact



Pumpuli 1220089 AAA  
Sire: Stöpafors 2nd lact.



Peeta ET 1198965 AAA  
Sire: Stöpafors 1st lact.



Polkka 1234287 AAA  
Sire: L. Ipollo 1st lact.



Peppi 1229835 AAA  
Sire: K. Ivar 1st lact.

## In HAKA-embryos lies your chance

*On a dairy herd animal genetics is one of the most important factors as to profitability. Good animal material is recognized for its good yield and healthy animals with good conformation, that remain in the cattle for long.*

- The HAKA- animal material is selected by the breeding advisers of FABa. The animals to be flushed are all provided with up to date conformation classification.
- HAKA-quality means high productivity, good conformation and sustainable genetics.
- The dams of HAKA-embryos are of the best in this country. There is a demand for high quality embryos in Finland and abroad.
- HAKA quality and know-how are represented by the high breeding values of the flushed animals, TMI on average +31 points and a good embryo yield, 7,2 embryos/flushing.
- HAKA's activity has increased the development of genetics in Northern Savo by means of embryo transfers. You have also the chance to increase the breeding quality of your cattle through quality embryos.



## HAKA - Top class animals

In the project HAKA-Huippueläimet Pohjois-Savosta (HAKA-top class animals from Northern Savo) we concentrate on establishing transfer of embryos, marketing and piloting.

The brand of HAKA is strengthened by introducing into market quality embryos and breeding animals. The marketing of animals is promoted through display of animals, shows and marketing material.

We are investigating the usefulness of sex determined fresh embryos preserved over night and with help of sex sorted sperm the amount of good female calves is increased. In connection with a mating plan a section illustrating the genetic trend in herd level is developed.

The project is part of a project entity of the Maito-osaamiskeskus (milk knowhow center) Maito-Savo of Northern Savo and is carried out by the Aluekehityssäätiö (Regional Development Foundation), ProAgria Suomen Kotieläinjalostusosuuskunta (Finnish Animal Breeding Association), ProAgria Jalostuspalvelu (ProAgria Breeding Service), University of Kuopio, MTT Jokioinen (MTT Agrofood Reserch) and the Cattle Club of Northern Savo. The project is financed by the TE-keskus of Northern Savo (government and EMOTR) municipalities of Northern Savo, Cattle Club of Northern Savo, FABa and the farms participating.



## In HAKA-embryos we emphasize quality, productivity and conformation

### Average of the flushed Holstein-Friesian HAKA-animals (2003) was

- TMI +32 index points
- udder conformation index 110
- milk yield 11 630 kg



Opri 86821 FFF  
Sire: Heldostar 3rd lact.



Pulmu ET 94171 FFF  
Sire: Jocko Besne Tv 1nd lact.



New-Time 79030 FFF  
Sire: Terry 2nd lact.



Priimas 87360 FFF  
Sire: Marshall 1st lact.



Priscilla 95020 FFF  
Sire: Marshall 1st lact.



G S Carolyn 89807 F VG-88  
Sire: Storm 1st lact.



The pictures of the HAKA-animals: Tiina Tahvonen Other pictures: Futureimagebank



More than 230 farms from Northern Savo are participating in the HAKA activities.

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### 'Quality, production, conformation'

Finnish Ayrshire is a good combination of quality, production, conformation, fertility and health. In Finnish embryos you can get them all in the same time. Ask more faba@faba.fi.



# HAKA-EMBRYOS