



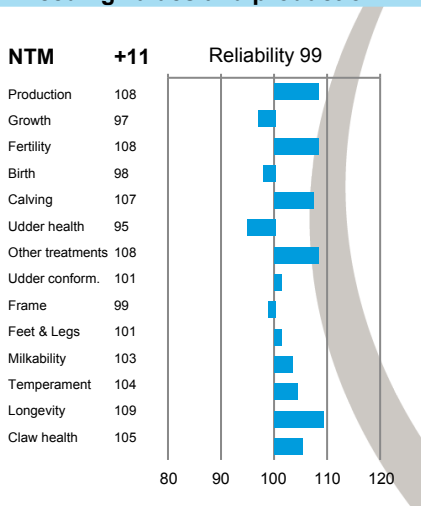
Herd Information

Herd number	Arrival date and reason	Owner	Herd	Commune	Address
809999	28.09.2012 purchase	VikingGenetics Finland		Hollola	
1930603	14.04.2009 birth	Arvolan Karjapiha oy	Arvola	Vaala	

Identity information of animal

VH Arvolan Rakuuna Rudolf						DNA-determination	
Classification		Herd Id-Ear	EU identification		Pedigree		
		809999-789	FI000009852138-4		07.05.2009		
Born	Sex	Breed	Colour	Horns	confirmed, DNA		
14.04.2009	bull	HOL	BW 5	DH			
Herd book number	Acc.date	Herdbook	Identification	From embryo	DNA-analysis		
FFF 95209 C	05.06.2015	Holstein	EU-MARK		CVF BYF BLF		
Breeds (%) HOL 100.0							

Breeding values and production



Pedigree		PGS		T Lambada Tv		NTM		PGSS	
Sire	Mäntylän Rakuuna Tv	FFF 92980 C	FIN 00000092980	FFF 92719 C	Production	-10	90	Etazon Celsius Tv TI	F 92700 C
Born	14.02.2002 Finland	Breed	HOL	DNK 000000237273	Fertility		101	NLD 000460508522	
DNA	CVF BLF	Born	06.08.1995 Denmark	Born	06.08.1995 Denmark	Udder health		PGSD	Ckr 35941-00813
Breeds (%)	HOL 100.0	DNA	CVF	Breed	HOL	Udder		77220 F	DNK 003594100813
Breeding values		NTM	+10	PGD	Lumikki	NTM	-6	PGDS	Kerndtway Goldfinger
Production	99	Udder health	103	77616 FFF	Production		99	FFF 92143 B	
Growth	88	Other treatm.	105	FI000005595685-3	Fertility		109	USA 000002167531	
Fertility	115	Udder	103	Born	24.12.1997 Finland	Udder health		PGDD	Ibizza
Birth	108	Frame	89	DNA		Udder		65483 FFF	
Calving	93	Feet & Legs	107	Breed	HOL	Feet & Legs		97	FI000004247663-4
				NTM		Milkability		94	
Dam	523 Uvi	50 - 115384 FFF	FI000008411496-7	MGS	Ramos	NTM	+14	MGSS	Startmore Rudolph TV TL
Born	30.01.2005 Finland	Breed	HOL	FFF 93616 B	Production		98	FFF 92707 B	
DNA		Born	26.06.1997 Germany	DEU 000341485350	Fertility		109	CAN 000005470579	
Breeds (%)	HOL 100.0	DNA		Born	26.06.1997 Germany	Udder health		110	
Breeding values		NTM	-1	DNA		Udder		109	MGSD
Production	103	Udder health	92	Breed	HOL	Feet & Legs		110	Heldine
Growth	101	Other treatm.	105	NTM		Milkability		98	95362 F
Fertility	102	Udder	93	MGD	Suvi	NTM	-22	MGDS	Mc-Pond Trent Tv Mf
Birth	100	Frame	106	104962 F	Production		89	FFF 92803 B	
Calving	102	Feet & Legs	92	FI000007476847-5	Fertility		100	USA 000017226843	
				Born	04.01.2003 Finland	Udder health		94	
Production	Mkg	Fkg	F%	Pkg	P%	Udder		81	MGDD
X:1-4	11477	463	4,0	371	3,2	Udder		81	Lahja
Best	12557	524	4,2	407	3,2	Feet & Legs		74	77682 FFF
Last	11793	461	3,9	382	3,2	Milkability		80	FI000005501618-8
Tot.	51996	2109	4,1	1697	3,3				

Progeny production

1st 305 days lactation

Dghtrs/Herds	Mkg	Fkg	F%	Pkg	P%
886/715	8475	349	4,1	284	3,4
Mature equivalent	10223	417	4,1	342	3,3

EBV

Comparison year	Mkg	Fkg	F%	Pkg	P%
2005	883	39,0	0,0	41,0	0,1

Culling date and reason 11.05.2017 unknown

Hollola 17.08.2017

Puikko Tammén
Position and signature