

Number of HF inseminations and number of

Semen Collection Centers in Denmark 1950-1998

HF registrated cows - milk yield – no of inseminations

	Milk		Fedt		Protein		Kg		Registrated cows		1. Ins.	
	kg	%	kg	%	kg	F+P	number	%	Number	%		
1950	3.872	3,92	152	-	-	-	94.294	11,5	93.430	12,1		
1960	4.484	4,02	180	-	-	-	110.336	12,9	432.164	26,7		
1970	4.927	3,98	198	-	-	-	241.785	40,3	632.392	45,6		
1980	5.528	3,98	220	-	-	-	402.624	56,2	718.537	62,9		
1985	6.430	4,05	260	3,32	213	472	384.713	59,3	685.046	64,8		
1990	7.143	4,21	301	3,30	235	536	369.610	63,2	577.432	67,0		
1995	7.384	4,22	311	3,35	247	558	402.462	67,3	550.623	71,5		
2000	8.075	4,10	331	3,37	272	603	399.245	69,5	530.995	73,6		
2005	9.122	4,12	376	3,38	308	684	366.757	72,2	475.642	74,2		
2006	9.232	4,12	380	3,35	309	689	366.084	72,3	474.967	73,8		
2007	9.372	4,05	380	3,35	314	694	361.517	72,7	484.143	73,7		
2008	9.379	4,07	382	3,33	312	694	367.875	72,6	504.346	73,9		

30

11

5

Today

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	kg	%	kg	%	kg			Number	%	Number	%
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2008	9.379	4,07	382	3,33	312	694	367.875	72,6	504.346	73,9	
2009	9.504	4,10	390	3,36	319	709	373.333	72,3	511.368	73,3	
2010	9.576	4,09	392	3,36	322	714	376.029	72,1	513.330	73,3	
2011	9.419	4,11	387	3,37	317	704	371.467	71,9	529.534	73,0	
2012	9.529	4,09	390	3,38	322	712	370,569	71,2	531.412	72,5	
2013	9.661	4,09	395	3,38	327	722	363.282	70,8	523.564	72,6	

Number of milk recorded cows

	Denmark	Sweden	Finland	In total
Holstein	376,000	147,500	78,200	601,700
Jersey	65,000	2,000	-	67,500
VikingRed	38,500	122,000	147,200	307,700
Red Holstein	5,800	-	-	5,800
SKB/Finncattle	-	1,200	2,800	4,000
Total	485,300	272,700	228,200	986,200



Holstein



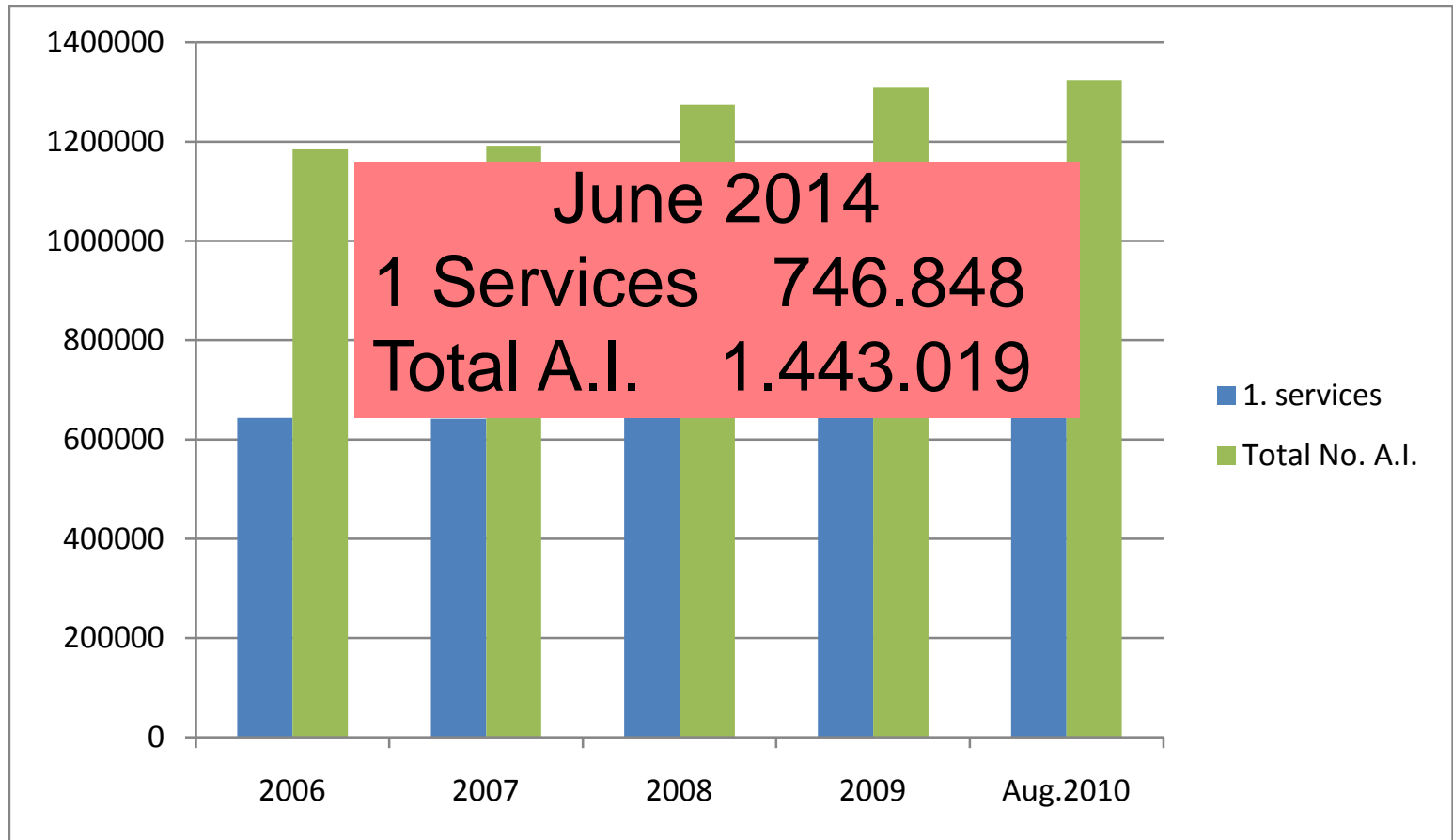
Viking



Average Herd size

Denmark	150
Sweden	70
Finland	32

Development in the No. of A.I. in DK



• Competitors on the domestic market



Genomisk selektion

- One of the most revolutionary changes in cattle breeding since artificial insemination.
- Research program
 - Aarhus Universitet, VikingGenetics, FABA & NAV
- Up to 50% extra breeding progress .



From calf to elite bull – many steps of selection



10-15 best approved as elite bulls



All born calves in screening



Registration of daughters for 4 years
= breeding values for the bulls

1.800 / 2.000/300 selected based on NTM,
and genomically tested



15-20/20-25/12-15 used as
GenVikPLUS-bulls



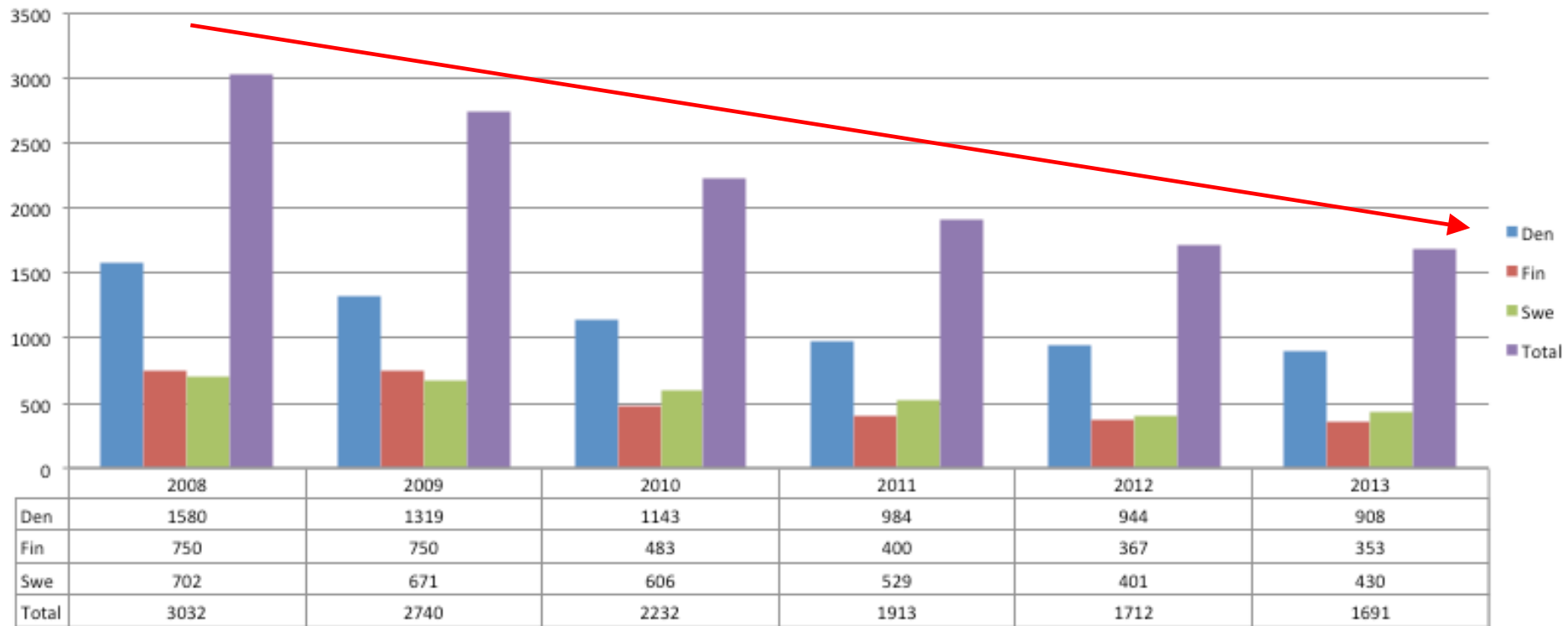
260/275/65
bought
based on
GAV-values

175/200/55
Holstein-Viking Red-Jersey
approved as young bulls
(1500-2000 doses)

Number of bulls is declining

PRODUCTIVITY

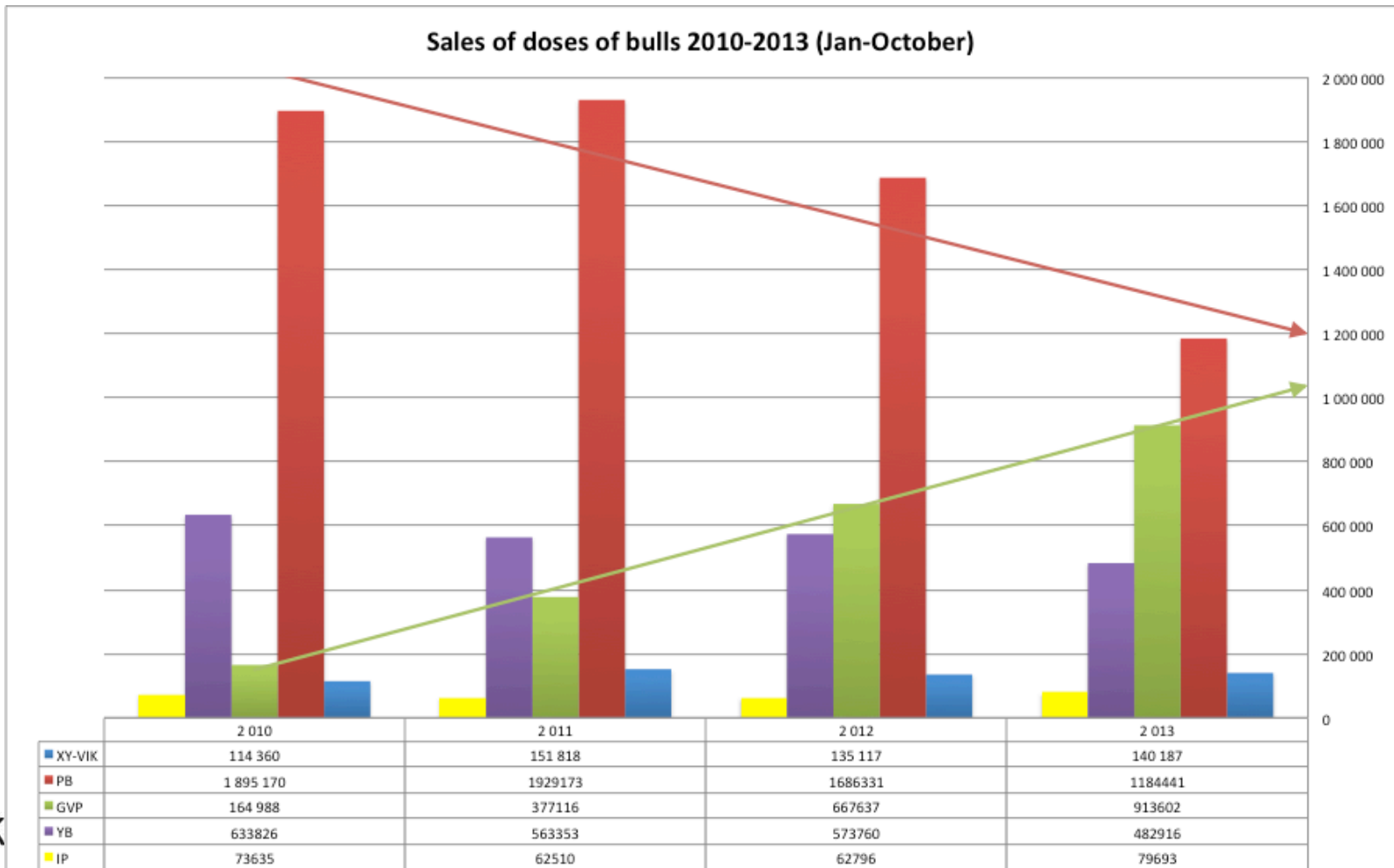
Number of bulls 2008-2013



GVP bulls taking market from PB

AVAILABILITY

- PB is about 1100 doses/ejaculate
- YB/GVP is about 300 doses/ejaculate
- 4 times more collections and lots



Breeding value publications

VIKINGRED

VIKINGHOLSTEIN

VIKINGJERSEY

BEEF BREEDS

PROCROSS

SEARCH BULL



VIKINGGENETICS

adding value every day

MEET VIKINGGENETICS AT

- [Eurotier](#) 11-14 November ([stand G49 in hall 27](#))
- [Agromek](#) 25-28 November - [program](#) - [registration](#)



THE VIKING WORLD

AROUND THE



YOUR DISTRIBUTOR

NEWS

"Old Bosse" close to 180,000...

VH Grafit - Hall of Fame 2014

VH Miracle heifer with gNTM...

Meet us at EUROTIER

ProCROSS sire Peterslund

Chinese interest in VikingRed

New CEO in VikingGenetics

VikingNews 3-14 is now available...

Cooperation between NOG and...

[NEWS ARCHIVE](#)

[NAV BULL SEARCH](#)



"OLD BOSSE" CLOSE TO 180,000 KG MILK

Friday 26 September the participants in the annual Holstein meeting in Denmark had the opportunity to see the cow "Old Bosse"...



VH GRAFIT - HALL OF FAME 2014

Friday 26 September VH Grafit was nominated "Hall of Fame 2014" at the Holstein annual meeting.



OPEN DAYS AND EXPO AGROMEK

VikingGenetics is proud to invite you to Open Days and Expo Agromek 25 - 28 November 2014. Find the invitation and link...

Breeding value publications

 <p>Magazine for cattle breeding and reproduction</p>  	 <p>THE BEST PROVEN CROSSBREEDING PROGRAM</p>  	<p>VIKING RED SIRE</p> <p>▶ DIRECTORY SEPTEMBER 2014</p>
<p>VIKING NEWS</p> <p>▶ READ THE LATEST EDITION</p>	<p>PROCROSS 2014</p> <p>▶ READ THE LATEST EDITION</p>	<p>VIKING HOLSTEIN SIRE</p> <p>▶ DIRECTORY SEPTEMBER 2014</p>
		<p>VIKING JERSEY SIRE</p> <p>▶ DIRECTORY SEPTEMBER 2014</p>

Breeding planning

køer

CKR-dyrnr	NTM	Y	Far	Sidste kælvning	Forslag 1	Forslag 2	Forslag 3
		Ind					
02228	-3	90	V Bojer	16.11.13	HOL-ungtyr		
02423	-5	87	VAR Calano	13.10.13	HOL-ungtyr		
02804	5	97	D Congo	29.06.14	VH Oxel	VH Finka	VH Cupid
02960	10	111	V Exces	25.01.14	VH Oxel	VH Mookie	
03069	19	112	V GroovyBL	05.11.13	Election	VH Barkley	VH Cupid
03105	13	101	V GroovyBL	12.11.13	Nilson	VH Oxel	VH Finka
03144	4	98	D Milano	05.04.14	HOL-ungtyr		
03171	-1	90	V Epos	17.11.13	HOL-ungtyr		
03184	2	99	D Banker	25.09.13	HOL-ungtyr		
03219	12	108	D Banker	31.01.14	VH Clement	VH Mookie	VH Barkley
03263	15	110	D Banker	05.10.13	VH Clement	VH Cupid	VH Op
03269	16	114	V Exces	04.01.14	VH Clement	VH Merit	
03293	-2	96	VAR Hector	15.05.14	HOL-ungtyr		
03338	-6	101	V Erry	26.08.14	HOL-ungtyr		
03354	6	97	D Corinth	25.08.13	VH Marley	VH Cupid	VH Op
03362	6	97	VH Ragn	03.07.14	VH Montee	VH Op	VH Cupid
03376	2	104	VH Lago	01.07.14	HOL-ungtyr		
03379	12	114	D Sammy	05.09.13	VH Montee	VH Cupid	VH Op
03407	12	105	Rakuuna	17.02.14	VH Clement	VH Cupid	
03409	6	109	D Palm	21.01.14	VH Montee	VH Grafit	VH Op
03418	5	117	D Dundee	10.05.13	VH Montee		
03449	5	99	VH Marcel	03.09.14	VH Jas	VH Barkley	VH Cupid
03472	6	106	D Onsild	08.04.13	VH Montee	VH Cupid	VH Op
03486	10	110	S Ross	30.07.14	VH Gizmo		

Semen pricing

Stbg. Nr.	Navn	NTM	Info	Far x morfar	Pris	Bestil
256775	VH Oxel	38	G	VH Op x D Orange	Kr. 117,00	<input type="text" value="0"/> 
256732	VH Mindoro	38	G	VH Miracle x Ramos	Kr. 117,00	<input type="text" value="0"/> 
255962	VH Boogie	38	G	Bookem x Man-O-Man	Kr. 117,00	<input type="text" value="0"/> 
256800	VH Gizmo	37	G	G-Force x D Onside	Kr. 117,00	<input type="text" value="0"/> 
256184	VH Reynold	37	G	Ramado x Man-O-Man	Kr. 117,00	<input type="text" value="0"/> 
256615	VH Fiery	36	G	VH Fanta x VH Oyvind	Kr. 117,00	<input type="text" value="0"/> 
256209	VH Clement	36	G	CM x Juwel	Kr. 117,00	<input type="text" value="0"/> 
256205	VH Ponder	36	G	VH Peder x D Onside	Kr. 117,00	<input type="text" value="0"/> 
256795	VH Mace	35	G	D Mason x D Onside	Kr. 117,00	<input type="text" value="0"/> 
255788	VH Jaywalk	35	G	D Jul x Oman Justi	Kr. 117,00	<input type="text" value="0"/> 
256786	VH Finka	34	G	Fexter Cap x Man-O-Man	Kr. 87,00	<input type="text" value="0"/> 
256595	VH Mookie	34	G	VH Mota x S Ross	Kr. 87,00	<input type="text" value="0"/> 
256203	VH Laredo	34	G	Levi x Man-O-Man	Kr. 87,00	<input type="text" value="0"/> 
256198	VH Merit	34	G	VH Meno x D Onside	Kr. 87,00	<input type="text" value="0"/> 
256584	VH Montee	33	G	VH Mandel x VH Bismark	Kr. 87,00	<input type="text" value="0"/> 

Semen Pricing.

VikingGenetics.

	\$	Indian Rupee
Sire of Sons	34	2090
Bulls NTM ≥ 35	20	1225
Sexed	37	2300
Bulls NTM < 35	15	910
Sexed	29	1800
Young Bulls	8	490
Inseminator visit	17	1050
Per insemination	4,5	275
Pregnancy test	3	175

Legislation

- EU 88/407
- National Laws on top of EU 88/407

- Company requirements
- Export Requirements.

Prequarantine

- Done on farm or facility owned by Semen center.
- Test within 28 days before starting Quarantine:
 - IBR
 - BVD virus and antibody
 - Leucosis
 - Brucellosis
 - TB
 - Normal testicles
 - Umbilicus hernie.

Quarantine test

- More than 21 days after entering Quarantine.
 - IBR
 - BVD virus and antibody
 - Leucosis
 - Brucellosis
 - Campylobacter
 - Trichomonas

Yearly tests

- IBR
- BVD virus and antibody
- Leucosis
- Brucellosis
- TB
- Campylobacter
- Trichomonas

Test for Export outside EU

- Bluetongue
- Q-Fever
- Leptospirosis
- Schmallenberg
- Johne´s disease