



ANNUAL REPORT 2011

HOLSTEIN CATTLE BREEDERS ASSOCIATION OF THE CZECH REPUBLIC

Content:

1. Introduction	2
2. Development of the number of milk recorded cows and their breed structure	2
2.1 Breed structure development in milk recorded cows since 1990	3
3. Results of milk recorded cows in the test year 2010/2011	3
Production development of milk recorded purebred B & W cows since 1992	3
3.1 Means and standard deviations of breeding values (BV) in cows according to the year of birth TDM 03/12	4
4. Best herds and cows according to the fat and protein production per lactations completed in the test year 2010/2011	4
4.1 Best herds with high production over the test year 2011	4
4.2 Breeding cows with the highest production per standardized lactation completed in the test year 2010/2011	4
5. Artificial insemination in 2011	5
5.1 Number and proportion of first and total inseminations in different breeds	5
5.2 Number and proportion inseminations by semen of bulls proven in different countries (imports) 2011	5
5.3 Number and proportion of first and total inseminations in different categories	5
5.4 Breeding bulls with the highest number of 1st insemination	6
5.5 Test bulls in the year 2011	7
6. Type evaluation	8
6.1 Numbers of type scored first Calvers	8
7. Breeding values Evaluation	8
8. CVM	8
9. Cows with the highest lifetime yield	8
10. Selection index for Holstein cattle	9
11. Show Cows in 2011.....	10

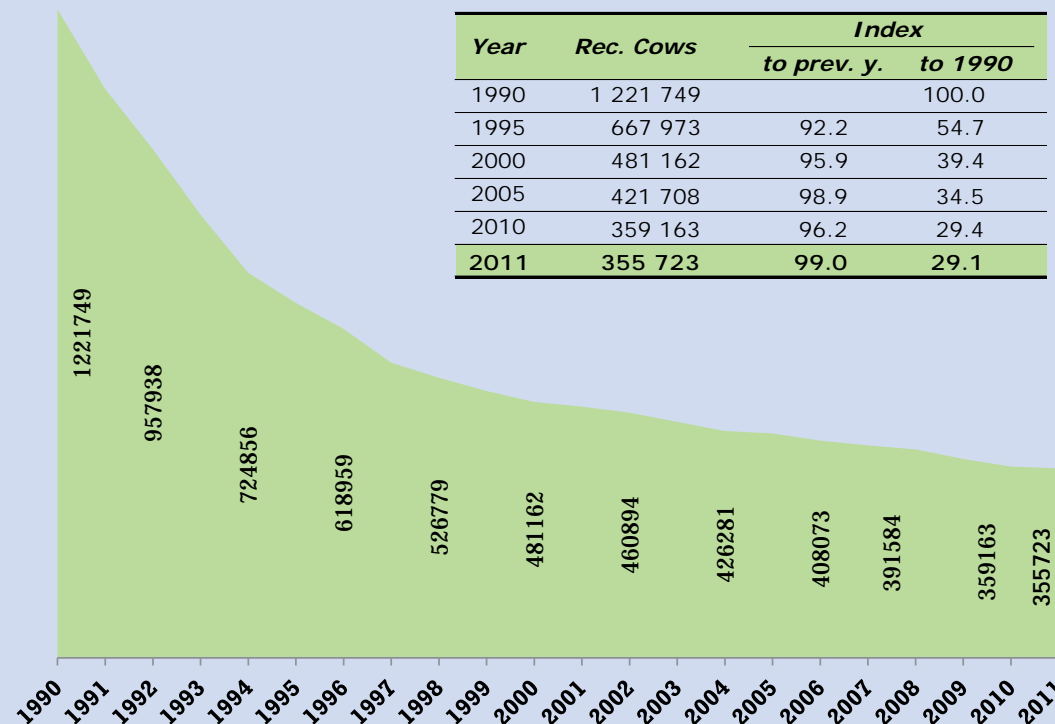
1. Introduction

Dear readers,

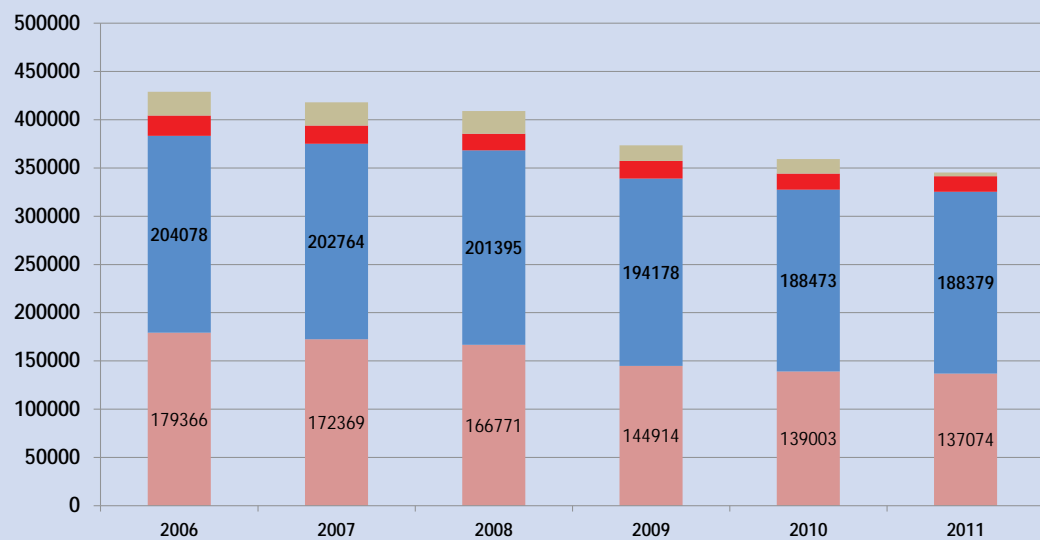
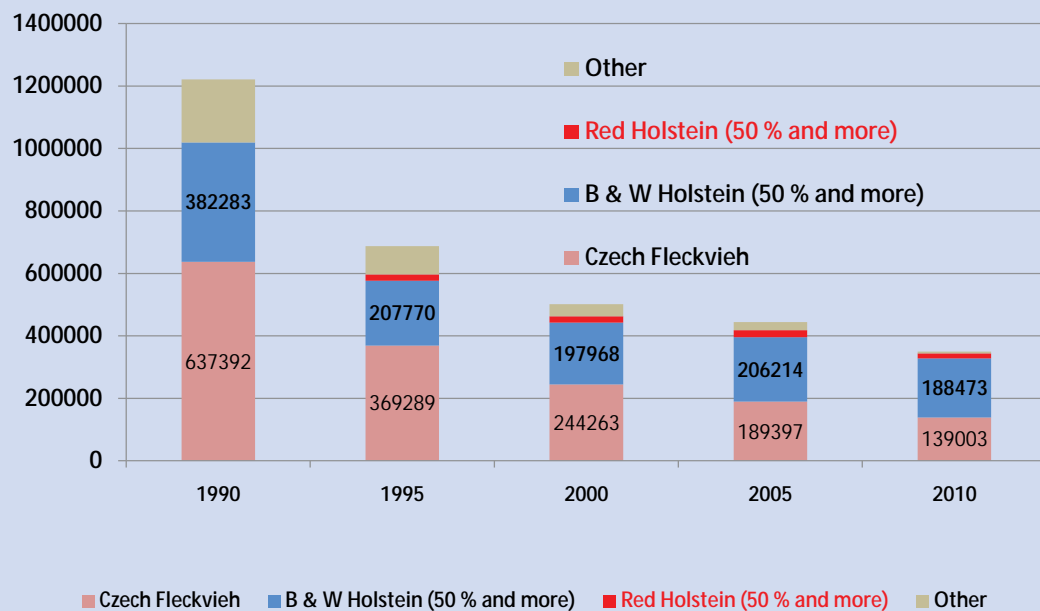
The Annual Report is a comprehensive source of information about the status and efficiency of the Holstein population, best herds and animals. As a separate publication it has been issued for ten years. In this form you can also obtain results concerning the next test year, in case you ask for these results on the address: office@holstein.cz.

Basic information on milk recording results including the outcome of the Association's competition is part of the information available the Holstein cattle breeders association of the Czech Republic. The latest information are regularly published on the web pages of the Association (www.holstein.cz). Further important information can be obtained on the pages of the Czech-Moravian Union of Breeders and Plemdat, Ltd. (www.plemdat.cz).

2. Development of the number of milk recorded cows and their breed structure

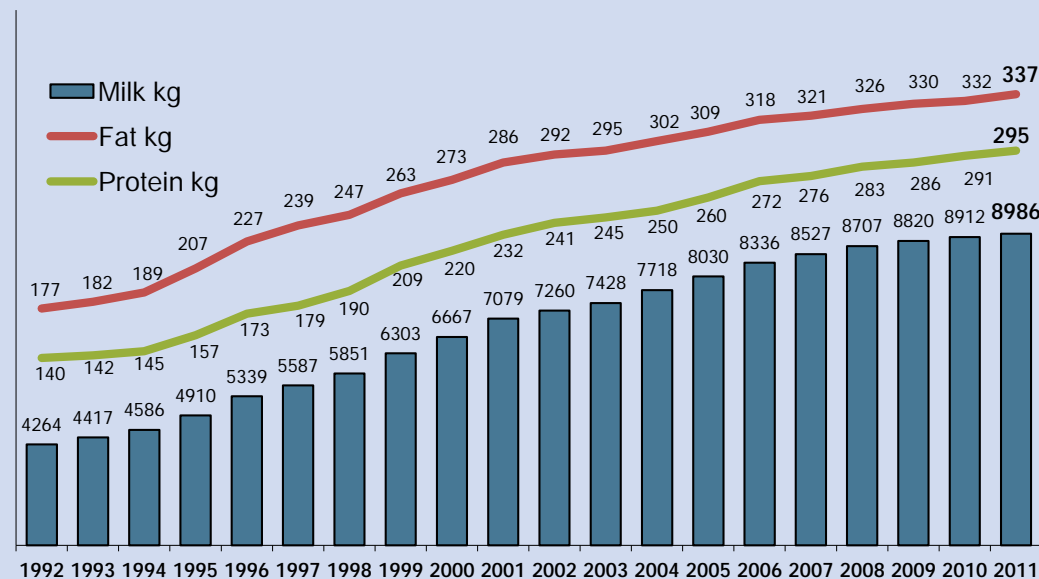


2.1 Breed structure development in milk recorded cows since 1990

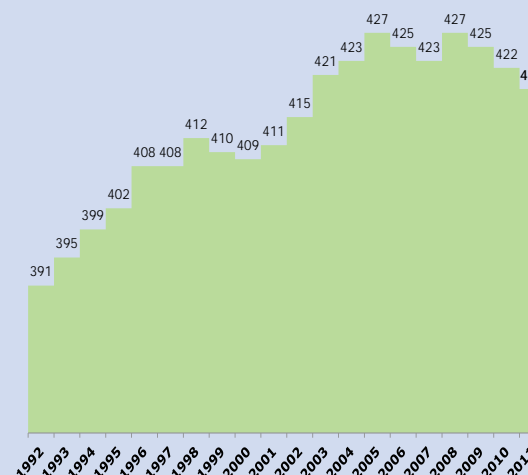


3. Results of milk recorded cows in the test year 2010/2011

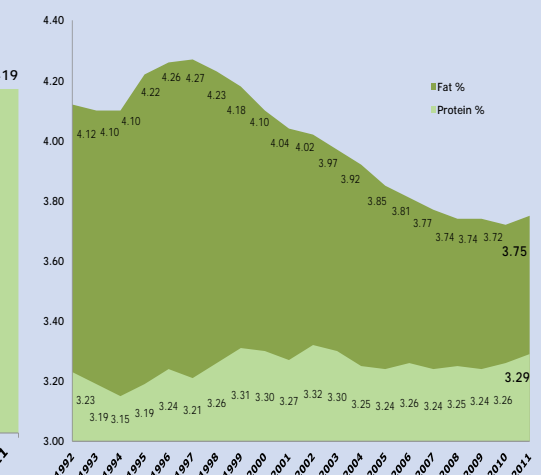
Milk production of milk recorded holstein cows



Intercalving interval of milk recorded holstein cows



Milk fat and protein content of milk recorded holstein cows



3.1 Means and standard deviations of breeding values (BV) in cows according to the year of birth TDM 03/12

Year	n	BV kg M		BV % F		BV kg F		BV % P		BV kg P	
		avg	s	avg	s	avg	s	avg	s	avg	s
1992	28 005	-307	296.7	0.07	0.10	-7.8	13.4	0.01	0.00	-10.2	9.9
1993	40 835	-285	323.4	0.07	0.10	-6.5	14.5	0.01	0.00	-9.4	10.7
1994	41 307	-285	325.2	0.09	0.10	-5.1	14.5	0.02	0.00	-8.7	10.6
1995	44 390	-287	362.4	0.10	0.10	-4.4	14.7	0.03	0.00	-8.1	11.4
1996	47 429	-256	402.2	0.10	0.10	-3.2	15.8	0.02	0.00	-7.5	12.5
1997	50 802	-182	421.7	0.08	0.10	-1.5	16.3	0.01	0.00	-5.7	13.1
1998	53 016	-108	439.0	0.04	0.10	-1.1	16.6	0.00	0.00	-3.7	13.8
1999	56 055	-39	450.1	0.02	0.20	-0.3	16.7	0.00	0.10	-1.5	14.1
2000	59 166	0	450.0	0.00	0.20	0.0	17.0	0.00	0.10	0.0	14.0
2001	60 280	59	473.5	0.01	0.20	3.0	17.5	0.00	0.10	2.1	14.5
2002	61 438	121	480.6	-0.01	0.20	4.8	17.9	0.00	0.10	4.3	14.8
2003	62 909	162	489.8	-0.02	0.20	5.4	18.6	0.00	0.10	5.5	15.1
2004	61 819	178	496.4	-0.02	0.20	6.0	18.7	0.00	0.10	6.2	15.2
2005	61 552	203	490.7	-0.01	0.20	7.7	18.8	0.00	0.10	7.3	15.3
2006	61 860	249	505.3	0.00	0.20	10.8	18.5	0.00	0.10	9.0	15.7
2007	59 401	311	505.1	0.00	0.20	13.3	18.1	0.01	0.10	11.6	15.5
2008	58 570	301	505.8	0.01	0.20	14.2	17.8	0.02	0.10	12.0	15.4
2009	46 282	347	478.9	0.01	0.20	16.6	16.4	0.02	0.10	13.7	14.3
All	987 004	28	500.8	0.03	0.20	3.3	18.4	0.01	0.10	1.5	15.9

4.2 Breeding cows with the highest production per standardized lactation completed in the test year 2010/2011

Rank	Breeder	Farm	Sire	L	M kg	F %	F kg	P %	P kg	F+P
1	134115-971	MOR. ZEMEDELSKA	PROSENICE	3	18 621	3.83	714	3.23	601	1315
2	144135-972	VZOD ZASOVA	ECONOM	2	15 135	5.23	791	3.11	471	1262
3	044207-328	CZF MILLER	SVRKYNE	6	18 885	3.52	665	3.08	581	1246
4	233212-961	ZERAS AS RADOST.N/O.	RADOSTIN	3	18 337	3.58	657	3.15	578	1235
5	153925-921	VOD ZDISLAVICE	IDANE	2	14 838	4.51	669	3.73	553	1222
6	260267-931	AGRODRUZSTVO ZAHORI	TRESEN	2	15 056	4.70	708	3.36	506	1214
7	272186-971	ZERAS AS RADOST.N/O.	GARRISON	2	17 647	3.56	629	3.31	584	1213
8	119340-971	MORAVSKA ZEMEDELSKA	PROSENICE	3	14 323	5.01	717	3.41	489	1206
9	101890-953	ZESPO CZ S.R.O.	PISECNA H	4	15 486	4.51	699	3.25	504	1203
10	274547-961	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	3	17 429	3.80	662	3.08	536	1198
11	248616-961	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	3	17 248	3.79	654	3.14	542	1196
12	143038-953	ZESPO CZ S.R.O.	PISECNA H	3	15 179	4.47	679	3.41	517	1196
13	08284-961	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	6	17 768	3.75	665	2.97	527	1194
14	164040-981	VSAKO HOVEZI.A.S.	HUSLENKY K 280	2	14 971	4.38	655	3.57	535	1190
15	127337-972	VZOD ZASOVA	ZASOVA K 1	3	14 232	5.12	728	3.25	462	1190
16	317584-931	ZOD KLUKY	O MAN	1	15 008	4.43	665	3.49	524	1189
17	109448-921	KOPECKY PAVEL	JIRETICE	3	15 849	4.35	689	3.14	497	1186
18	154663-953	ZEAS, A.S.POD KUN. HOROU	BROZANY	3	16 481	3.72	613	3.43	566	1179
19	118047-101	KOPECKY PAVEL	JIRETICE	6	14 890	4.39	654	3.52	524	1178
20	108076-921	AGRODR. NACERADEC	NACERADEC	4	17 262	3.74	645	3.07	530	1175
21	153816-921	VOD ZDISLAVICE	ICE MAN	3	14 745	4.43	653	3.54	522	1175
22	117675-921	VOD ZDISLAVICE	RATAJE	4	16 654	3.70	616	3.30	549	1165
23	109968-953	ZS OSTRETIN A.S.	MASCOL	3	14 180	4.48	635	3.72	528	1163
24	274848-961	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	2	16 170	3.87	626	3.31	536	1162
25	163825-971	MORAVSKA ZEMEDELSKA	PROSENICE	2	15 849	4.04	640	3.29	522	1162
26	319749-961	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	2	15 294	4.17	637	3.43	524	1161
27	296448-961	ZERAS AS RADOST.N/O.	RADOSTIN	2	15 857	4.16	660	3.15	499	1159
28	238447-931	ZOD KLUKY	KLUKY	2	15 661	4.19	656	3.19	500	1156
29	260455-931	AGRODRUZSTVO ZAHORI	OSLOV NK	3	13 673	5.17	707	3.25	445	1152
30	146158-614	ZERAS AS RADOST.N/O.	RADOSTIN	7	17 119	3.63	621	3.10	530	1151
31	169132-952	AGRO CHOMUTICE A.S.	STARE SMRKOVICE	2	15 608	4.28	668	3.09	483	1151
32	089202-961	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	5	16 432	3.83	629	3.17	521	1150
33	019507-921	KOPECKY PAVEL	JIRETICE	4	16 064	4.15	666	3.01	483	1149
34	216586-931	AGRODRUZSTVO ZAHORI	TRESEN	3	17 591	3.43	603	3.06	539	1142
35	126236-705	MESPOL MEDLOV, A.S.	MEDLOV VKK	6	14 148	4.40	623	3.66	518	1141
36	164841-953	ZESPO CZ S.R.O.	PISECNA H	2	15 364	4.15	638	3.27	502	1140
37	026035-981	ZOD HLAVNICE	HLAVNICE K 202/1	5	14 501	4.35	631	3.48	505	1136
38	121866-921	PODEBRADSKA BIATA	KOUTY	4	15 092	4.43	669	3.09	467	1136
39	171126-953	ZS OSTRETIN A.S.	OSTRETIN-NK	2	15 036	3.98	599	3.56	535	1134
40	109799-953	ZS OSTRETIN A.S.	OSTRETIN-NK	3	13 166	4.93	649	3.67	483	1132
41	224853-961	AGROPODNIK KOSETICE	CHYSNA II	2	14 759	4.44	656	3.22	475	1131
42	109447-921	KOPECKY PAVEL	JIRETICE	3	14 289	4.57	653	3.33	476	1129
43	098684-972	VZOD ZASOVA	ZASOVA K 1	4	14 280	4.61	658	3.30	471	1129
44	272167-961	ZERAS AS RADOST.N/O.	PAVLOV	2	13 974	4.47	624	3.60	503	1127
45	188101-961	ZD ROSTYN V HODICICH	VKK HODICE	4	13 942	4.50	627	3.58	499	1126

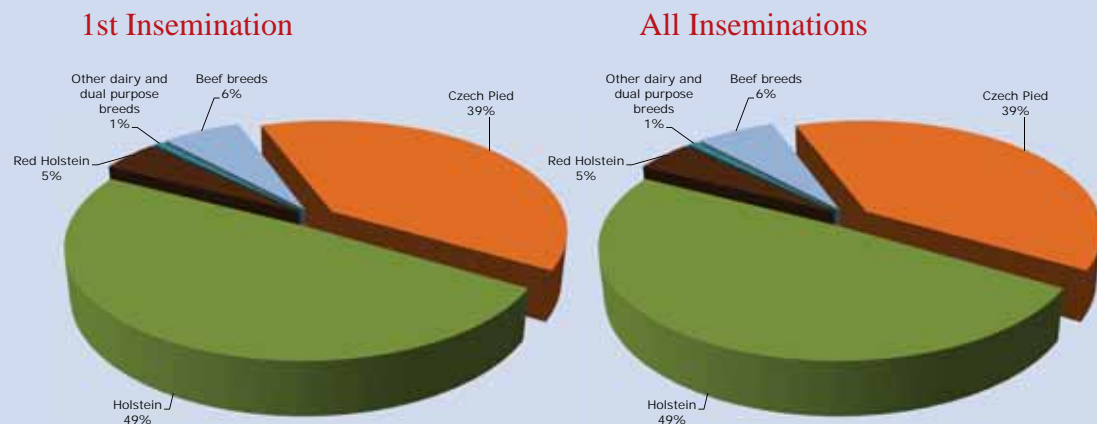
4. Best herds and cows according to F+P production per lactations completed in the test year 2010/2011

4.1 Best herds for a high production over the test year 2011

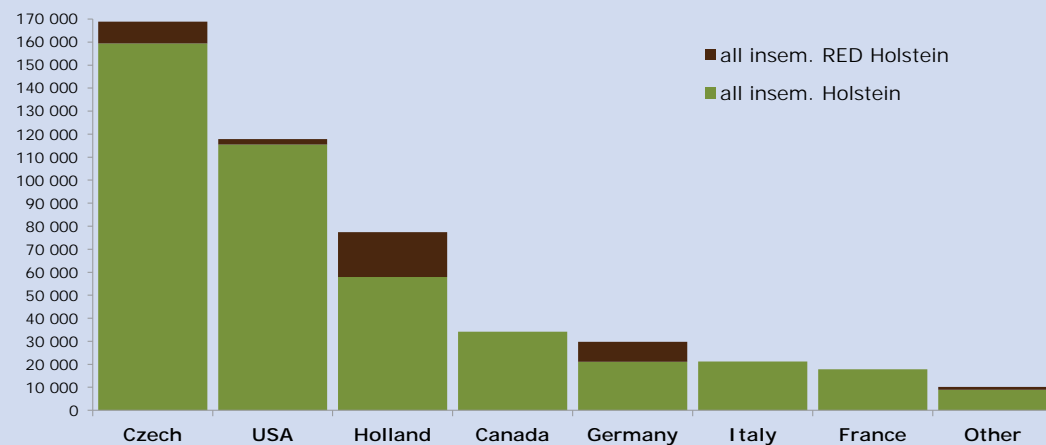
Rank	Breeder	Farm	Rec.	M kg	F %	F kg	P %	P kg	F+P
1	KOPECKY PAVEL	JIRETICE	63	11 683	4.12	482	3.36	393	875
2	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	640	11 948	3.78	452	3.22	385	837
3	BASIK MILAN, ING.	ZARYBNICNA LHOTA 1	63	11 915	3.60	429	3.28	391	820
4	ZERAS AS RADOST.N/O.	RADOSTIN	565	11 672	3.71	432	3.27	382	814
5	ZS OSTRETIN A.S.	OSTRETIN-NK	459	11 612	3.75	436	3.25	378	814
6	AGRODRUZSTVO ZAHORI	OSLOV NK	242	11 555	3.78	436	3.26	377	813
7	AGRODR. NACERADEC	NACERADEC	170	11 147	4.05	452	3.18	354	806
8	AGRODRUZSTVO ZAHORI	TRESEN	430	11 499	3.77	433	3.19	367	800
9	MORAVSKA ZEMEDELSKA	PROSENICE	455	11 052	3.82	423	3.37	372	795
10	VZOD ZASOVA	ZASOVA K 1	249	10 763	4.15	447	3.23	348	795
11	ZEAS, A.S. POD KUN. HOROU	BROZANY	388	11 436	3.63	416	3.30	377	793
12	ZESPO CZ S.R.O.	PISECNA H	380	10 491	4.20	440	3.31	347	787
13	VYJIDACEK RADOMIR	VYSEHORKY 5	28	11 155	3.75	418	3.28	366	784
14	ZDV NOVVESELSKO	NOVE VESELI	717	11 210	3.72	417	3.25	364	781
15	ZD ROSTYN V HODICICH	VKK HODICE	362	10 491	4.02	422	3.40	356	778

5. Artificial insemination in 2011

5.1 Number and proportion of first and total inseminations in different breeds

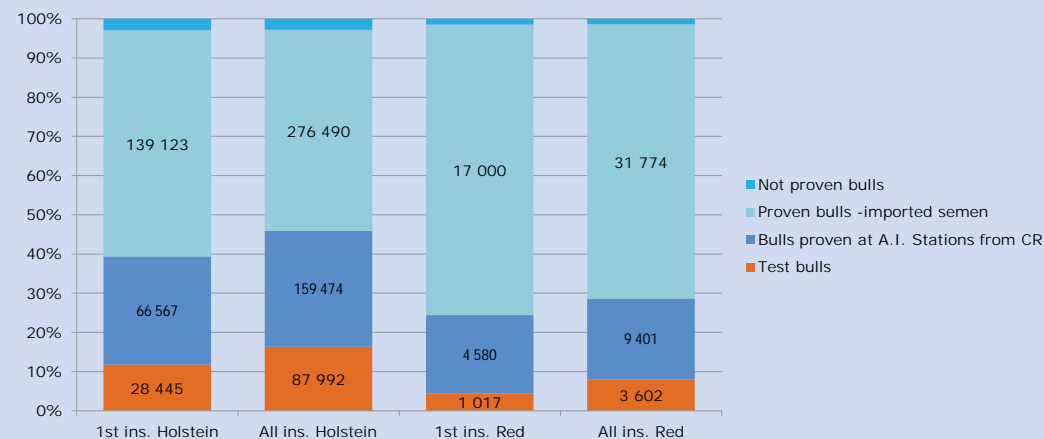


5.2 Numbers and proportion inseminations by semen of bulls proven in different countries (imports) 2011



5.3 Number and proportion of first and total inseminations in different categories

Category	Bulls	1st ins.	All ins.	All/1st %	% 1st ins.	% All ins.
a. Holstein (Black and White)						
Bulls in test	161	28 445	87 992	3.1	11.8	16.3
Proven bulls at A.I. stations from CR	330	66 567	159 474	2.4	27.6	29.6
Proven bulls imported semen	417	139 123	276 490	2.0	57.7	51.3
Other nonproof bull	20	7 104	15 279	2.2	2.9	2.8
Total	928	241 239	539 235	2.2	100.0	100.0
b. Red Holstein						
Bulls in test	11	1 017	3 602	3.5	4.4	7.9
Proven bulls at A.I. stations from CR	16	4 580	9 401	2.1	20.0	20.7
Proven bulls imported semen	80	17 000	31 774	1.9	74.1	70.0
Other nonproof bull	4	338	620	1.8	1.5	1.4
Total	111	22 935	45 397	2.0	100.0	100.0



5.4 Breeding bulls with the highest number of 1st insemination

Name	CVM	1st ins.	All ins.	Sire	Sire of Dam
YANK	TV	8 065	16 952	BW MARSHALL	MANFRED
ICHANT	TV	8 054	18 835	MERCHANT	ADDISON
JEEP	TV	6 336	14 532	MURPHY	CHAMPION
ALFONS	TV	6 089	13 905	SINATRA	BRETT
IMPULS	TV	5 475	10 881	O MAN	JESTHER
IMOLA		4 568	9 912	O MAN	TRENT
IMALOT	TV	4 088	8 096	O MAN	MTOTO
OMEGA	TV	3 344	6 233	O MAN	BW MARSHALL
WIZZARD	TV	3 142	7 917	WEBSTER	CASH
MANIFOLD	TV	2 897	4 881	O MAN	BW MARSHALL
JERUDO	TV	2 805	5 293	JEROM	RUDOLPH
HORTY	TV	2 760	5 878	MORTY	PATRON
SHARKY	TV	2 742	5 512	BRETT	EMERY
COLOMBIANO	TV	2 710	4 901	O MAN	AARON
OMANOMAN	TV	2 667	5 643	MAN O MAN	SHOTTLE
END STORY	TV	2 533	4 625	O MAN	JOCKO BESN
RADON	TV	2 417	4 746	RAMOS	MANFRED
SHOWBOY	TV	2 349	5 471	SHOTTLE	FORD
ASTRE MAN	TV	2 349	4 081	O MAN	MORTY
SHULAN	TV	2 302	5 211	SHOTTLE	JOCKO BESN
DIAMOND	TV	2 281	5 203	JOCKO BESN	WILLIS
EIGHT	TV	2 277	4 098	O MAN	MTOTO
PLANET	TV	2 251	4 076	TABOO	AMEL
GAILURON	TV	2 030	3 860	LAUDAN	IGNITER
JAMMER	TV	1 958	3 896	EARL	ZEBO
KODAK	TV	1 914	3 504	KEVIN	STADEL
GALVANI	TV	1 685	4 018	MONZA	DANNIX
FIDELITY	TV	1 663	3 149	KIAN	LIGHTNING
ALTA IOTA	TV	1 662	2 803	O MAN	ITO
KRAMER	TV	1 660	2 844	O MAN	HERSHEL
SUPER	TV	1 474	2 533	BW MARSHALL	PATRON
TOYSTORY	TV	1 466	2 492	AARON	PRESCOTT
BURT	TV	1 465	3 023	BOLIVER	O MAN
ARDEN	TV	1 425	2 651	MR SAM	MTOTO
JERRICK	TV	1 331	2 034	GOLDWYN	DURHAM
DOTSON	TV	1 317	2 197	O MAN	DURHAM
JOYALIST		1 313	2 974	ROYALIST	TRIBUTE
ALTA ROSS	TV	1 302	2 435	O MAN	BOSS
ACTION	TV	1 285	2 208	O MAN	ADDISON

Name	CVM	1st ins.	All ins.	Sire	Sire of Dam
LOYDIE	TV	1 243	2 271	O MAN	BW MARSHALL
SAMBO CRI	TV	1 212	2 322	BOLIVER	TUGOLO
JOINT		1 190	3 160	SHOTTLE	JOCKO BESN
DAUDEN	TV	1 185	2 340	AUDEN	TEAMSTER
GAVOR	TV	1 182	2 959	CHAMPION	AARON
ALTA NEUTRON		1 159	2 156	LANCELOT	RUBYTOM
MARCOS	TV	1 149	1 964	MURPHY	BW MARSHALL
EXPLODE		1 132	2 369	BOLTON	SHOTTLE
LOGAN	TV	1 070	1 709	O MAN	BW MARSHALL
JT	TV	1 054	2 268	SHOTTLE	GRANGER
JOMAN	TV	1 047	2 318	O MAN	AARON
GABLES		1 014	1 881	GOLDWYN	MTOTO
ALADDIN	TV	1 001	1 976	ALLEN	RUDOLPH
HOGEN	TV	959	2 064	MORTY	BRETT
ABEL	TV	957	1 610	KIAN	LENTINI
MAURY	TV	933	1 983	TITANIC	CONVINCER
MATHYS	TV	921	1 470	GOLDWYN	EMERSON
MILLION	TV	916	1 819	OUTSIDE	BW MARSHALL
VAUCLUSE	TV	904	1 672	O MAN	HERSHEL
ARBOR		890	1 960	SHOTTLE	BW MARSHALL
PRINCE	TV	884	1 797	BRITT	MTOTO
SOTO	TV	883	2 290	STREAM	SHOTTLE
JAYTON	TV	867	1 673	DUCE	JOCKO BESN
MASSEY	TV	847	1 621	MASCOL	BRET
JOTAN	TV	846	1 355	JORDAN RED	DURHAM
IMAN	TV	843	2 089	O MAN	LANTZ
LAWN BOY	TV	832	1 440	BACCULUM	MANFRED
LANCELOT		825	1 321	LANCELOT	RUBYTOM
JORDAN	TV	823	1 318	GOLDWYN	DURHAM
FICTION	TV	816	1 865	O MAN	RONALD
ECONOM	CV	815	2 224	ADDISON	MANFRED
MAXIMO RED	TV	810	1 610	MARMAX	MARSHALL
NELSON	TV	809	1 876	SHOTTLE	ROUMARE
FROSTY	TV	805	2 141	BW MARSHALL	SAND
INTEGRO	TV	784	1 470	LIGHTNING	JARGOL
MANGO	TV	770	1 601	AARON	PRESCOTT
JEEVES	TV	770	1 357	OUTSIDE	DUSTER
KARIK	TV	765	1 082	BOLIVER	BW MARSHALL
JAKE	TV	762	1 400	O MAN	BW MARSHALL

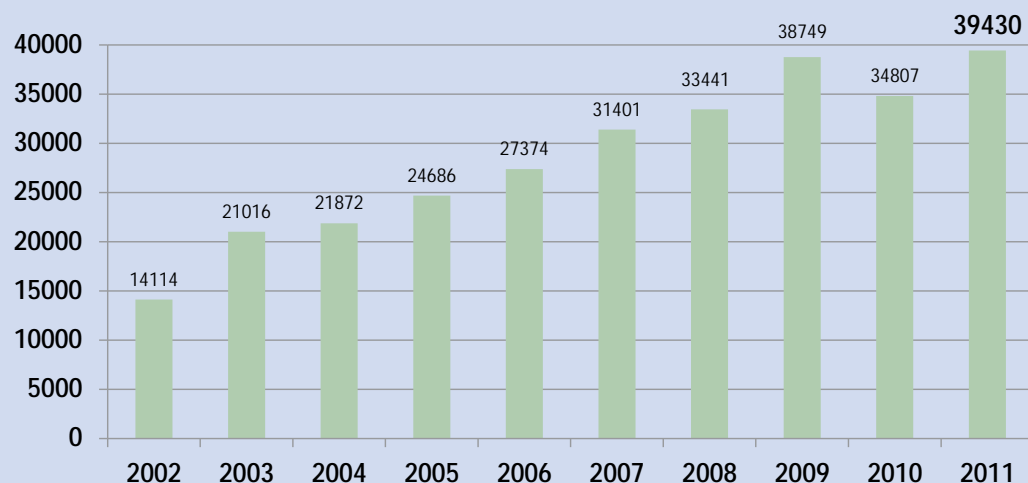
5.5 Test bulls in the year 2011

Name	Owner	Country	Sire	Sire of Dam	Breeder
NEKTAR	401	CZE	JEEVES	TOYSTORY	OLDŘICH POLÁČEK
NALINO	101	CZE	ALINO	O MAN	OLDŘICH POLÁČEK
NEFF	101	CZE	JEEVES	TOYSTORY	OLDŘICH POLÁČEK
NUBRIT	101	CZE	MALICIEUX	JEFFERSON	ZERAS a.s.
NEGAMAN	604	CZE	MEGA- MAN	BUCKEZE	DOBROSEV a.s.
NATIVE	701	CZE	ACTIVE	SHOTTLE	IMPORTED EMBRYO
NARET	701	DNK	JET STREAM	ZENITH	IMPORTED BULL
STURGESS	101	NLD	JEEVES	O MAN	IMPORTED ID
SEAN	101	NLD	BOLTON	MASCOL	IMPORTED ID
QUADRO	170	GBR	STOL JOC	O MAN	IMPORTED ID
NELSON	803	CZE	SHOTTLE	ROUMARE	ZERAS a.s.
NOTOR	701	CZE	STOL JOC	O MAN	IMPORTED EMBRYO
MILLIONAIRE	101	NLD	ALEXANDER	SHOTTLE	IMPORTED ID
NUCEPHALOS	510	CZE	ALEXANDER	TALENT	NOVÁK JUNIOR
JEFFREY	101	NLD	JANGO	GOLDWYN	IMPORTED ID
ROBIN	101	NLD	JEEVES	GOLDWYN	IMPORTED ID
NAVOR	701	NLD	GAVOR	SHOTTLE	IMPORTED BULL
JERICO	170	GBR	JEEVES	LANCELOT	IMPORTED ID
NANA	201	CZE	ALEXANDER	COAT	ING. LUDMILA JINDROVÁ
ECUARDOR	604	FRA	ROUMARE	SHOTTLE	IMPORTED ID
OBELIX	101	CZE	SHOTTLE	GOLDWYN	ZD KRÁSNÁ HORA
OBAMA	101	CZE	JEEVES	GOLDWYN	DOBROSEV a.s.
JOSHUA	101	NLD	CRICKET	SHOTTLE	IMPORTED ID
VICTORY	101	NLD	DIAMOND	SHOTTLE	IMPORTED ID
WAYNE	101	NLD	CRICKET	PARAMOUNT	IMPORTED ID
EROSTOL	903	FRA	STOL JOC	O MAN	IMPORTED ID
OTTO	701	CZE	COLBY	O MAN	IMPORTED ID
OMAR	701	CZE	RAMOS	LANCELOT	IMP EMBRYA
HEATH	101	NLD	DIAMOND	JORDAN	IMPORTED ID
ELECTRIC	101	NLD	MILLION	SHOTTLE	IMPORTED ID
OTOMAN	701	NLD	MAN-O-MAN	GOLDWYN	IMPORTED BULL
OSAGE	201	CZE	DOTSON	LAMUNIT	CRF, s.r.o.
OTO	201	CZE	ROUMARE	A-A WIN 395	ZD VYSOČINA ŽELIV
ROUBLITZ	510	DEU	ROUMARE	BLITZ	IMPORTED ID
GILLION	101	NLD	MILLION	RAMOS	IMPORTED ID
EMPIRE	101	NLD	MAN-O-MAN	SHOTTLE	IMPORTED ID
AJAX	101	NLD	MAN-O-MAN	MASCOL	IMPORTED ID
BUMBLE	101	USA	ALEXANDER	SHOTTLE	IMPORTED ID
FOSSAIRE	604	FRA	BOGART	SHOTTLE	IMPORTED ID
EDILOT AVM	604	FRA	DOTSON	ROUMARE	IMPORTED ID
MARBACH	401	NLD	JEEVES	GOLDWYN	IMPORTED BULL
CARDIGAN	201	DEU	CASSANO	ENCINO	IMPORTED ID

Name	Owner	Country	Sire	Sire of Dam	Breeder
MIGOL	510	DEU	MILLION	GOLDWYN	IMPORTED ID
PERILLION	401	NLD	MILLION	ENCINO	IMPORTED BULL
POKER FACE	101	NLD	MILLION	BOLIVER	IMPORTED ID
FIRTH	101	NLD	SUNSIRE	SHOTTLE	IMPORTED ID
ROGER	101	NLD	ROPPA	SHOTTLE	IMPORTED ID
GENOMIC	101	NLD	GIBOR	O MAN	IMPORTED ID
FAME	401	DNK	PLANET	O MAN	IMPORTED BULL
NUGGET	803	NLD	MAC	BOLTON	IMPORTED BULL
NIKITA	701	NLD	MAC	O MAN	IMPORTED ID
NATIVIO	101	CZE	EARNIT	JARDIN	DOBROSEV a.s.
NIGELA	101	CZE	ERNESTO	DUTCH BOY	VOD ZDISLAVICE
NIMAWAY	101	CZE	EARNIT	ALTAZESTY	DOBROSEV a.s.
NARNEX	701	CZE	EARNIT	DUPLEX	ZOD BRNIŠTĚ
NONET	701	CZE	PLANET	SHOTTLE	IMPORTED EMBRYO
NAX	701	DEU	ALTABAXTER	TITANIC	IMPORTED BULL
NOEM	701	NLD	PLANET	TITANIC	IMPORTED BULL
DRAKKAR	906	CAN	STANTONS SIDNEY	O MAN	IMPORTED ID
ALLY	906	CAN	SOCRATES	SHOTTLE	IMPORTED ID
ERAUDIÉR	604	FRA	PLANET	O MAN	IMPORTED ID
STARFIRE	401	GBR	GOLDWYN	SHOTTLE	IMPORTED BULL
NINO	701	CZE	ALTABAXTER	TITANIC	IMPORTED EMBRYO
NOTES	701	CZE	SOCRATES	BOLIVER	IMPORTED EMBRYO
NINJA	701	CZE	SOCRATES	BOLIVER	IMPORTED EMBRYO
NECOS	701	CZE	PECOS	TOYSTORY	ZOD BRNIŠTĚ
NILS	701	CZE	PLANET	TRENT	ZOD BRNIŠTĚ
OGALALA	201	CZE	PING	MERWEHOEVE 2	ZD VYSOČINA ŽELIV
NARCIUS	510	CZE	SANDY	BOLTON	NOVÁK JUNIOR
ESTEEM	803	USA	PLANET	SHOTTLE	IMPORTED ID
NOBILE	701	CZE	PLANET	TOYSTORY	ZOD BRNIŠTĚ
CABANA	101	NLD	PEINZER BOY	GOLDWYN	IMPORTED ID
LOTO	906	CAN	PLANET	GOLDWYN	IMPORTED ID
ORFEUS	701	NLD	PLANET	JET STREAM	IMPORTED BULL
OTTAWA	201	CZE	PING	LINFIELD	ZD VYSOČINA ŽELIV
ROCKER	101	NLD	PLANET	GOLDWYN	IMPORTED ID
CHARMER	101	USA	ATTICUS	MAC	IMPORTED ID
GILIAN	101	USA	PLANET	ALTON	IMPORTED ID
ELOTIN	604	FRA	PLANET	ROUMARE	IMPORTED ID
ESTOL	604	FRA	PLANET	JET STREAM	IMPORTED ID
COSMOPOLITAN	803	NLD	PLANET	SHOTTLE	IMPORTED BULL
OMAHA	701	CZE	TWISTER	TALENT	IMPORTED EMBRYO
OLYMP	701	NLD	KYLIAN	CLASSIC	IMPORTED BULL
AMOR RED	510	DEU	LAWN BOY P-RED	GOLDWYN	IMPORTED ID
JARNO	101	NLD	PEPPER	MASCOL	IMPORTED ID

6. Type evaluation

6.1 Numbers of type scored first Calvers



7. Breeding values Evaluation

Detailed descriptions of Breeding Values Evaluation

Milk Production Traits	http://www.plemdat.cz/eng/Milk_Production_Traits.pdf
Somatic cells count	http://www.plemdat.cz/eng/Somatic_Cell.pdf
Conformation	http://www.plemdat.cz/eng/Conformation.pdf
Fertility	http://www.plemdat.cz/eng/Fertility.pdf
Delivery difficulties	http://www.plemdat.cz/eng/delivery_difficulties.pdf
Longevity	http://www.plemdat.cz/eng/Longevity.pdf
Holstein breed index (SIH)	http://www.plemdat.cz/eng/SIHeng.pdf

8. CVM

In 2003 the method was accepted with the objective to eliminate CVM - the genetic disorder inherited as a simple recessive. As in many other countries, the method is based on testing all bulls suspected as potential carriers, eliminating carriers from the test mating and using bulls-carriers with known breeding values only upon the wish of the owner and according to the beforehand designed

and strictly followed mating plans.

Information on newly tested bulls is continuously published on the web sites of the Association. Status of the bulls you can find in the selection Bulls on address: (<http://www.holstein.cz/index.php/bull-testing-cvm.html>).

You can find there both, registered bulls and bulls in test.

9. Cow with the highest lifetime yield

At the end of 2010, the Czech Republic had more than 182 cows, producing a lifetime more than 100,000 Kgs of milk. The best of them are listed in table.

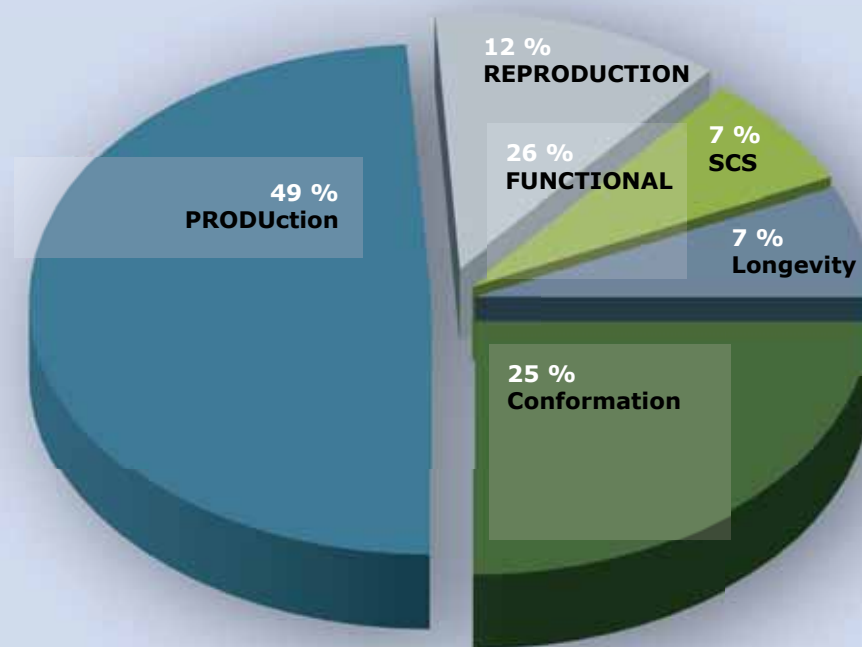
Cow number	Name	Sire	Breeder	lac.	M kgs	F%	F kgs	P%	P kgs
63536614	ZERAS CESNA	CALVIN	ZERAS a.s. Radostin nad Oslavou	10	143 455	3.42	4 510	3.00	3 958
63505614	ZERAS CARMEN	CALVIN	ZERAS a.s. Radostin nad Oslavou	9	142 576	3.42	4 473	3.19	4 176
81707621	LADA		VOS zemědělců, a.s. Opatovice	11	135 045	3.29	4 110	2.93	3 658
44130265	HELENKA	DANDY	AGRO, družstvo Zahoří Dolní Zahoří	11	134 886	3.62	4 439	3.02	3 704
100298110	MANKA	CIPISEK	Ing. Jan Miller Holubice 2 Tursko	6	132 621	2.93	2 907	2.88	2 862
56354246	MASA	BELLWOOD	Ing. Ludmila Jindrová, Záboří	11	131 352	4.28	5 233	3.03	3 706
5944610	BABINA		ZD Šemíkovice	14	128 234	4.55	5 387	3.45	4 089
63884614	ZERAS ELIS	EILAND	ZERAS a.s. Radostin nad Oslavou	9	127 907	3.52	4 273	3.16	3 841
66210161	ZDISLAVICE BERTA	BATMAN	VOD Zdislavice	12	127 201	3.86	4 647	3.29	3 969
18348203	CRF LIDA	CUBBY	CRF spol.s r.o. Dvory nad Lužnicí	9	126 026	3.31	3 446	3.16	3 287
76759264	CERNOV LADY	LATON	Rozvodí, spol. s r.o. Černov	10	125 972	3.78	4 427	3.31	3 869
100032101	NACERADEC KLEJTK, EXODUS		AGRO DRUŽSTVO Načeradec	8	125 945	3.71	4 176	3.16	3 565
93334130	HOLE KRISTYNA	BONTI	Oldřich Poláček, Hole	10	125 681	3.48	4 098	3.01	3 548
103540505	KARLA	INDER	ZD Dolany Dolany	11	124 746	3.46	4 267	3.22	3 974
18349203	CRF MILKA	CUBBY	CRF spol.s r.o. Dvory nad Lužnicí	9	124 607	2.95	3 331	2.86	3 236
101648205	MARUSKA	SID	AGRO, družstvo Zahoří	9	123 359	3.45	3 855	2.87	3 201
44207328	PRINCEZNA	MASTER	Ing. Jan Miller, Holubice	6	122 946	3.28	3 234	3.12	3 080
17553742	KLARA	CUBBY	NETIS, a.s. Návsi	10	121 288	3.52	3 958	3.04	3 420
100534701	FARM-VA ARINA	JUROR	Ing. Svatopluk Kovařík	11	121 021	4.01	4 537	3.16	3 585
80725161	ZITRONE	COLON	Pavel Kopecký, Jiřetice	10	120 290	4.11	4 304	3.11	3 257
111165701	FARM-VA ARETHA	CONVINCER	Ing. Svatopluk Kovařík	7	119 868	3.17	3 284	2.99	3 094
102115614	AGRAS BOHDANA	BIGBOY	AGRAS Bohdalov, a.s.	8	119 390	3.03	3 388	3.01	3 369
91812643	TESANY MONETA	GISMO	Agro MONET, a.s. Moutnice	10	119 292	3.22	3 440	2.98	3 175

10. Selection index for Holstein cattle

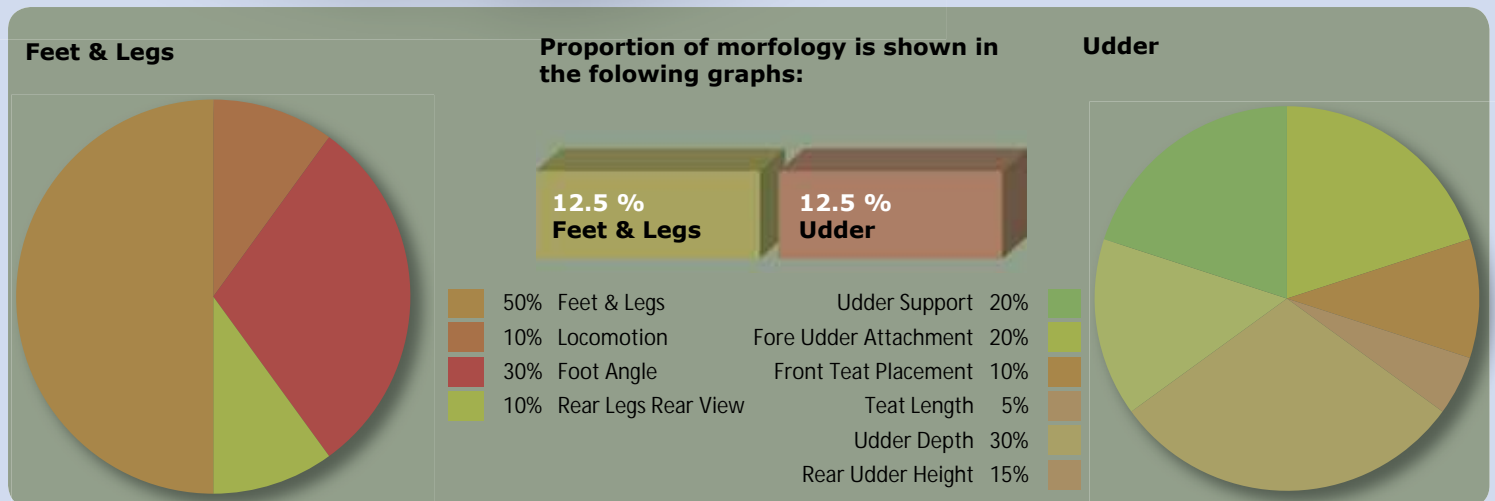
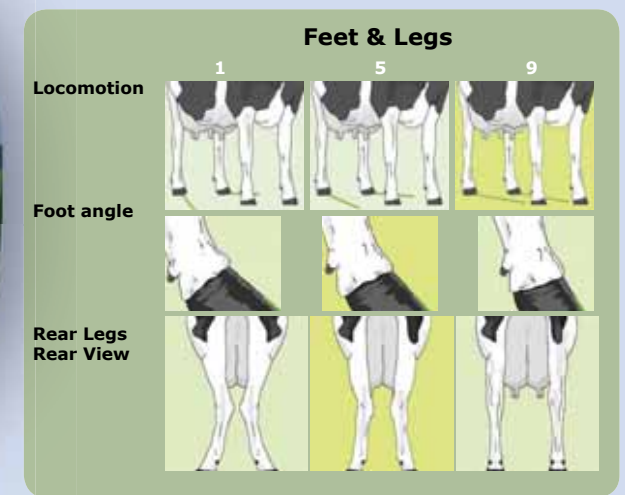
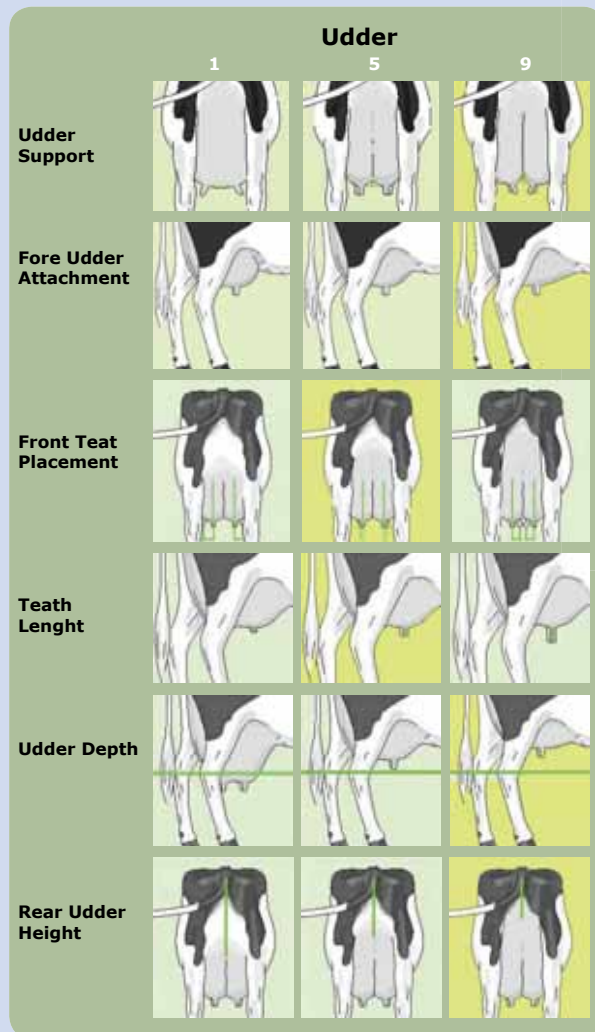


Proportion of production is shown in above graph:

$$\text{Index of Milk Production} = 0,46 * \text{RBV Kg P} + 0,235 * \text{RBV Kg F} + 0,225 * \text{RBV \% P} + 0,08 * \text{RBV \% F}$$



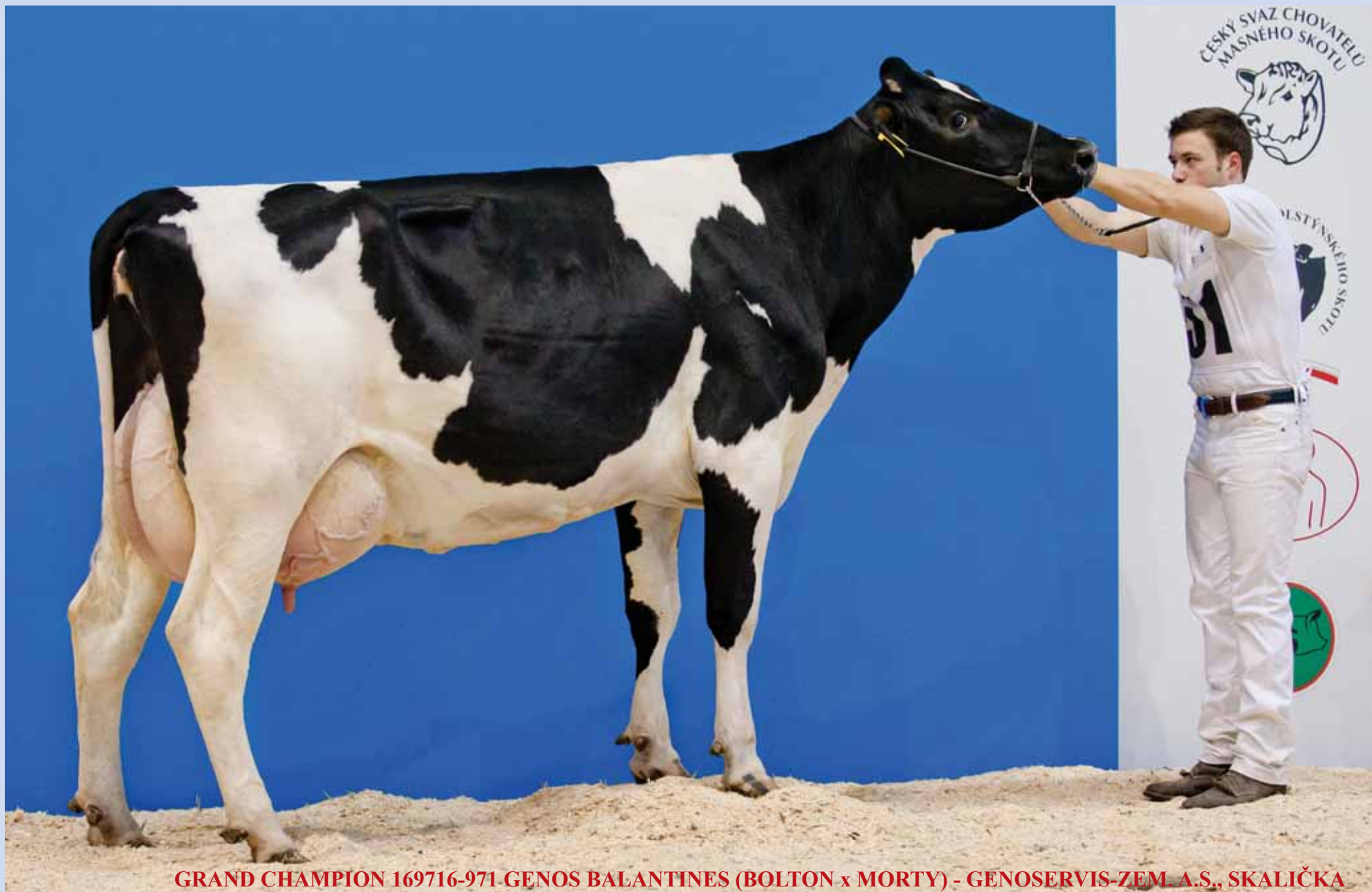
In 2008 a composite selection index SIH was changed. Longevity was introduced and was changed proportion of production and functional.



CZECH HOLSTEIN CHAMP



CHAMPIONSHIP IN BRNO 2011



GRAND CHAMPION 169716-971 GENOS BALANTINES (BOLTON x MORTY) - GENOSERVIS-ZEM A.S., SKALIČKA



Officials of the Association

Branch of the Association
Hradištko 123, Hradištko; 252 09

Doc. ing. Jiří Motyčka, CSc.
executive director +420 257 896 248

Ing. Aleš Bychl - secretary
Ivana Jiráková - accountant
Monika Novotná - clerk
Ing. Ladislav Vondrášek - advisory specialist
Ing. David Lipovský - advisory specialist

*In the Report there are published results
of milk recording, genetic evaluation and insemination
in the Holstein population in the Czech Republic.*

The publication was prepared by:
Doc. Ing. Jiří Motyčka, CSc.,
Ing. David Lipovský,
Ing. Ladislav Vondrášek

HOLSTEIN CATTLE BREEDERS ASSOCIATION OF THE CZECH REPUBLIC

Těšnov 17, 117 05 Praha 1
tel.: +420 257 896 248

office@holstein.cz
www.holstein.cz

