



ANNUAL REPORT 2013

HOLSTEIN CATTLE BREEDERS ASSOCIATION OF THE CZECH REPUBLIC



Office:
Hradištko 123
Hradištko 252 09

+420 257 896 248
office@holstein.cz
www.holstein.cz



Content:

1. Introduction 3

2. Development of the number of milk recorded cows and their breed structure . 4

2.1 Breed structure development in milk recorded cows since 1990 4

3. Results of milk recorded cows in the test year 2012/2013 5

 Production development of milk recorded purebred B & W cows since 1992 5

3.1 Means and standard deviations of breeding values (BV) in cows according to the year of birth TDM 03/13 6

4. Best herds and cows according to the fat and protein production per lactations completed in the test year 2013/2013 6

4.1 Best herds with high production over the test year 2013 6

4.2 Breeding cows with the highest production per standardized lactation completed in the test year 2012/2013 7

5. Artificial insemination in 2013 8

5.1 Numbers and proportion of first and total inseminations in different breeds .. 8

5.2 Numbers and proportion inseminations by semen of bulls proven in different countries (imports) 2013 8

5.3 Numbers and proportion of inseminations in different categories 8

5.4 Breeding bulls with the highest number of 1st insemination 9

5.5 Test bulls in the year 2013 10

6. Type evaluation 11

6.1 Numbers of type scored first Calvers 11

7. Breeding values Evaluation 11

8. Selection index for Holstein cattle 11

9. Cows with the highest lifetime yield 12

10. TOP list of heifers available 13

10. Show Cows in 2013..... 14

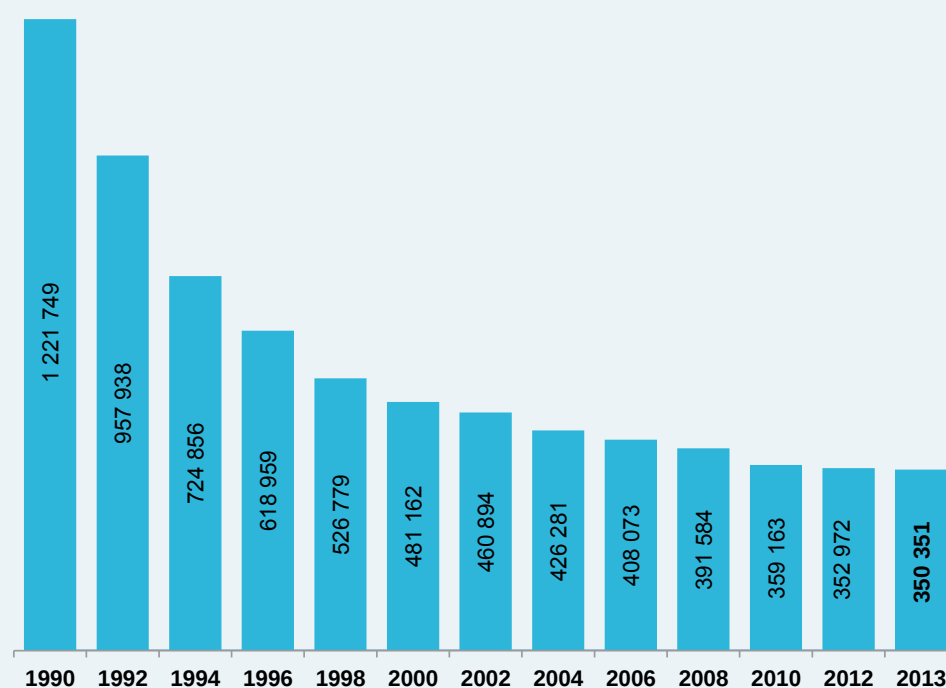
1. Introduction

Dear readers,

The Annual Report is a comprehensive source of information about the status and efficiency of the Holstein population, best herds and animals. It has been issued as a separate publication 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.

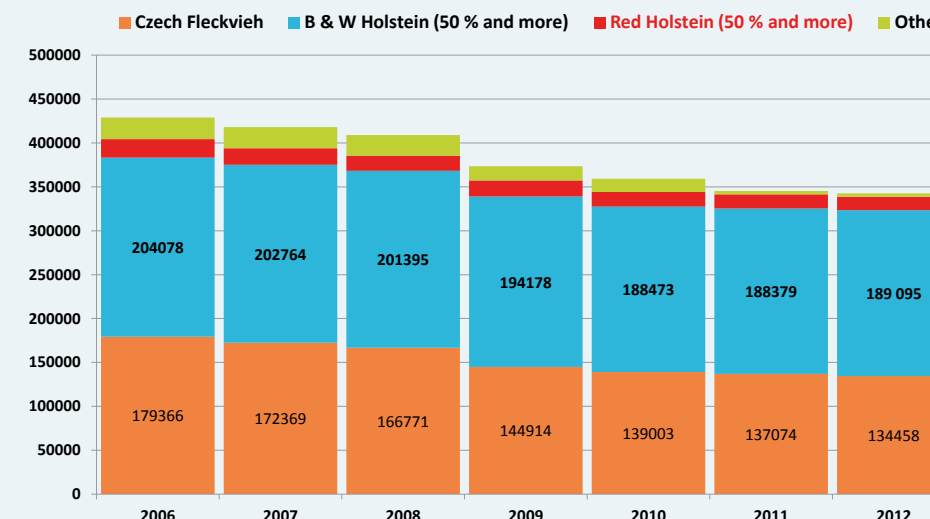
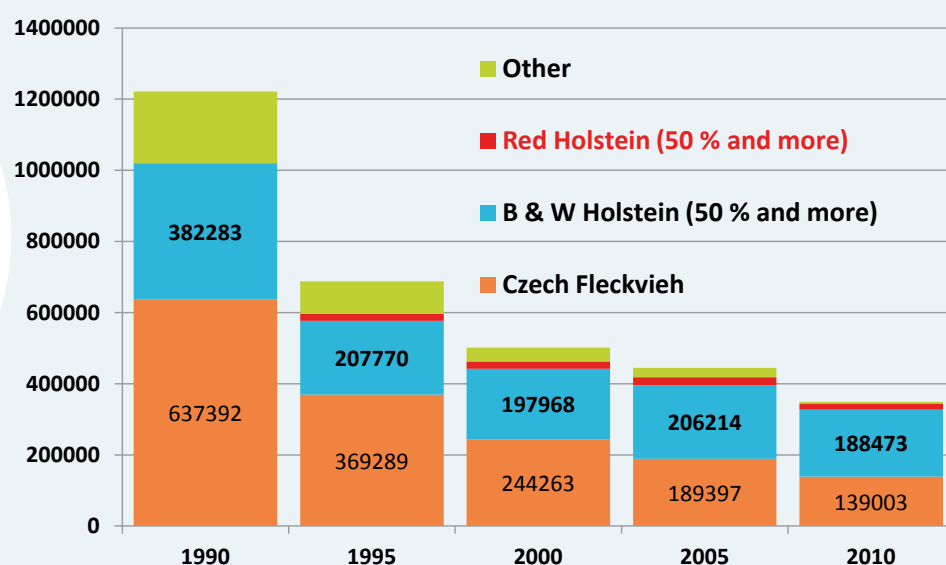
Basic information on milk recording results including the outcome of the Association's competition is part of the information available at the Holstein cattle breeders association of the Czech Republic. The latest information is regularly published on the web pages of the Association (www.holstein.cz).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

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

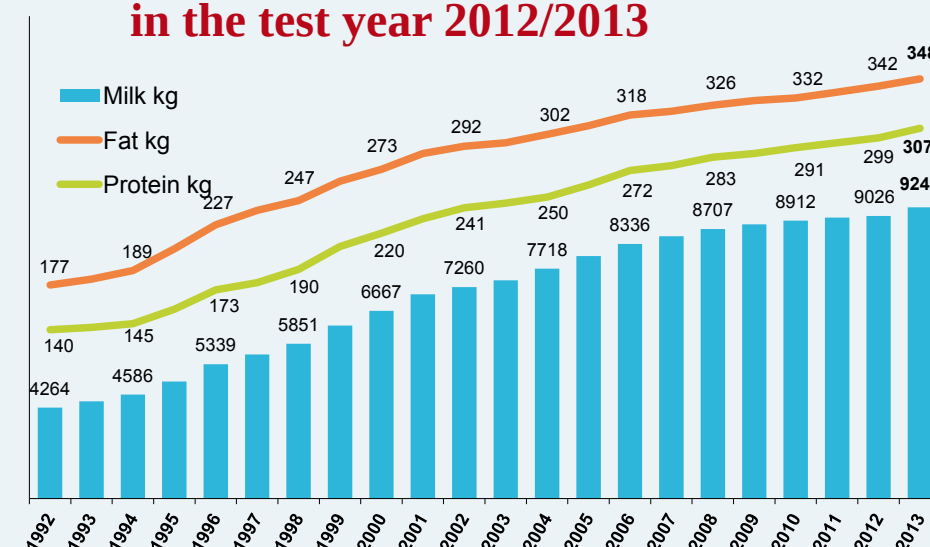


Year	Rec. Cows	Index to prev. year	Index to 1990
1990	1 221 749		100.0
1995	667 973	92.2	54.7
2000	481 162	95.9	39.4
2005	421 708	98.9	34.5
2010	359 163	96.2	29.4
2012	352 972	99.2	28.9
2013	350 351	99.3	28.7

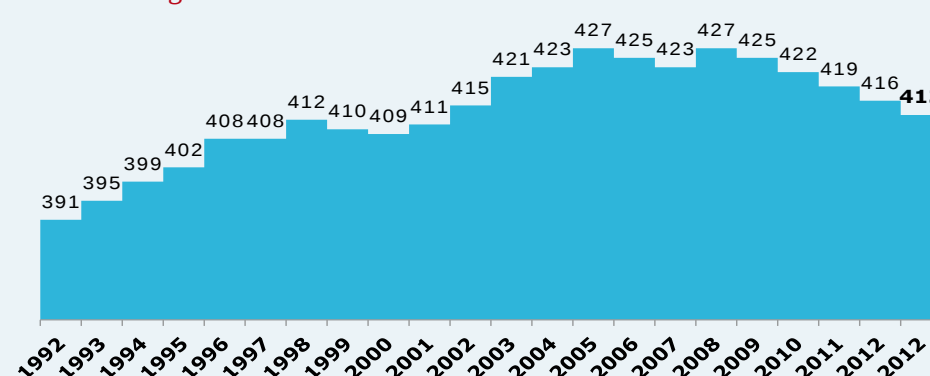
2.1 Breed structure development in milk recorded cows since 1990



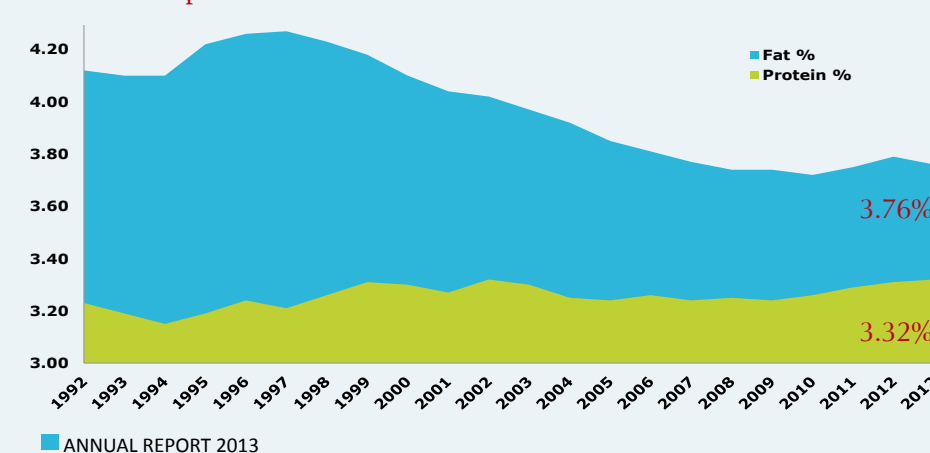
3. Results of milk recorded cows in the test year 2012/2013



Intercalving interval of milk recorded holstein cows



Milk fat and protein content of milk recorded holstein cows



2012/13

162 399 cow
of holstein breed

9 246 kgs
average milk production

3.76 %
average milk fat

348 kgs
average fat production

3.32 %
average milk protein

307 kgs
average protein production

3.1 Means and standard deviations of breeding values (BV) in cows according to the year of birth TDM 03/14

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
till 1992	31 572	-364.3	241.70	0.07	0.12	-10.0	11.0	0.01	0.07	-11.9	8.0
1992	28 005	-330	300.1	0.08	0.12	-8.2	13.6	0.01	0.07	-10.8	10.0
1993	40 835	-307	325.9	0.08	0.14	-6.8	14.7	0.01	0.08	-10.0	10.7
1994	41 311	-304	326.8	0.10	0.15	-5.4	14.5	0.02	0.08	-9.2	10.7
1995	44 393	-302	363.2	0.11	0.16	-4.7	14.7	0.03	0.09	-8.5	11.4
1996	47 430	-268	402.9	0.10	0.18	-3.4	15.8	0.02	0.09	-7.9	12.5
1997	50 803	-190	422.4	0.08	0.19	-1.6	16.3	0.01	0.09	-6.0	13.1
1998	53 017	-113	439.1	0.05	0.19	-1.1	16.6	0.00	0.09	-3.8	13.8
1999	56 055	-41	450.4	0.02	0.20	-0.3	16.7	0.00	0.10	-1.5	14.1
2000	59 168	0	450.0	0.00	0.20	0.0	17.0	0.00	0.10	0.0	14.0
2001	60 283	61	473.6	0.00	0.21	3.0	17.5	0.00	0.11	2.1	14.5
2002	61 440	123	480.5	-0.01	0.21	4.6	17.9	0.00	0.11	4.3	14.8
2003	62 910	163	489.8	-0.02	0.22	5.2	18.5	0.00	0.11	5.4	15.1
2004	61 823	180	498.4	-0.02	0.22	5.9	18.7	0.00	0.11	6.2	15.2
2005	61 566	208	492.9	-0.02	0.21	7.5	18.8	0.00	0.11	7.4	15.4
2006	61 898	255	505.4	-0.01	0.22	10.5	18.5	0.00	0.12	9.1	15.7
2007	59 637	322	507.7	-0.01	0.23	13.2	18.3	0.01	0.12	11.8	15.6
2008	58 994	334	519.4	0.00	0.23	14.9	18.5	0.01	0.13	12.8	15.9
2009	61 133	375	515.3	0.01	0.22	17.1	18.1	0.02	0.13	14.3	15.6
2010	58 863	407	510.4	0.01	0.21	18.4	17.9	0.02	0.12	15.5	15.3
2011	46 247	450	489.0	0.01	0.20	21.0	17.8	0.02	0.12	17.1	14.7
All	1 107 764	74.1	514.4	0.02	0.20	4.9	19.2	0.01	0.11	3.0	16.7

4. Best herds and cows according to F+P production per lactations completed in the test year 2012/2013

4.1 Best herds for a high production over the test year 2013

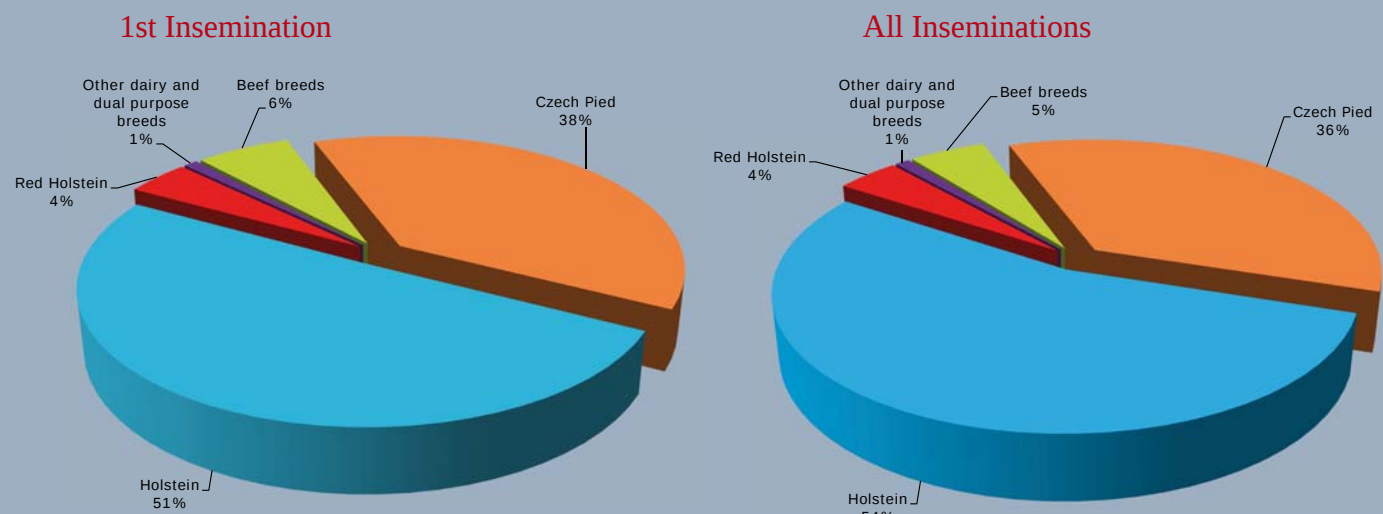
Rank	Breeder	Farm	Records	M kgs	F %	F kgs	P %	P kgs	kgs F+P
1	AGRAS BOHDALOV, A.S.	BOHDALOV VKK	687	13 153	3.70	487	3.24	427	914
2	VALASSKE ZOD,DRUZST.	ZASOVA K 1	261	11 516	4.49	518	3.28	378	896
3	VYJIDACEK RADOMIR	VYSEHORKY 5	25	12 464	3.65	455	3.18	397	852
4	KOPECKY PAVEL	JIRETICE	63	11 928	3.79	452	3.30	393	845
5	AGRODRUZSTVO ZAHORI	OSLOV NK	255	12 183	3.65	444	3.25	395	839
6	ZEAS, A.S.POD KUN.HOROU	BROZANY	443	11 836	3.69	437	3.34	396	833
7	ZDV NOVOVESELSKO	NOVE VESELI	715	12 080	3.58	433	3.24	392	825
8	AGRODRUZSTVO ZAHORI	TRESEN	456	11 779	3.71	437	3.28	386	823
9	ZERAS A.S .	RADOSTIN	575	11 707	3.70	434	3.31	388	822
10	BASIK MILAN, ING.	ZARYBNICNA LHOTA	53	11 954	3.55	425	3.22	385	810
11	AGROPODNIK KOSETICE	CHYSNA II	338	11 173	4.02	449	3.22	360	809
12	ZS OSTRETIN A.S.	OSTRETIN-NK	473	11 475	3.73	428	3.27	376	804
13	OSEVA A.S. CHRUDIM	VKK KOCI	408	11 759	3.55	417	3.27	384	801
14	MORAVSKA ZEMEDELSKA	PROSENICE	482	11 165	3.77	421	3.38	377	798
15	ZP OSTROV,A.S.	OSTROV	436	11 661	3.58	418	3.24	378	796
16	ROZVODI CERNOV S.R.O	CERNOV VKK	418	11 231	3.80	427	3.28	369	796

4.2 Breeding cows with the highest production per standardized lactation completed in the test year 2012/2013

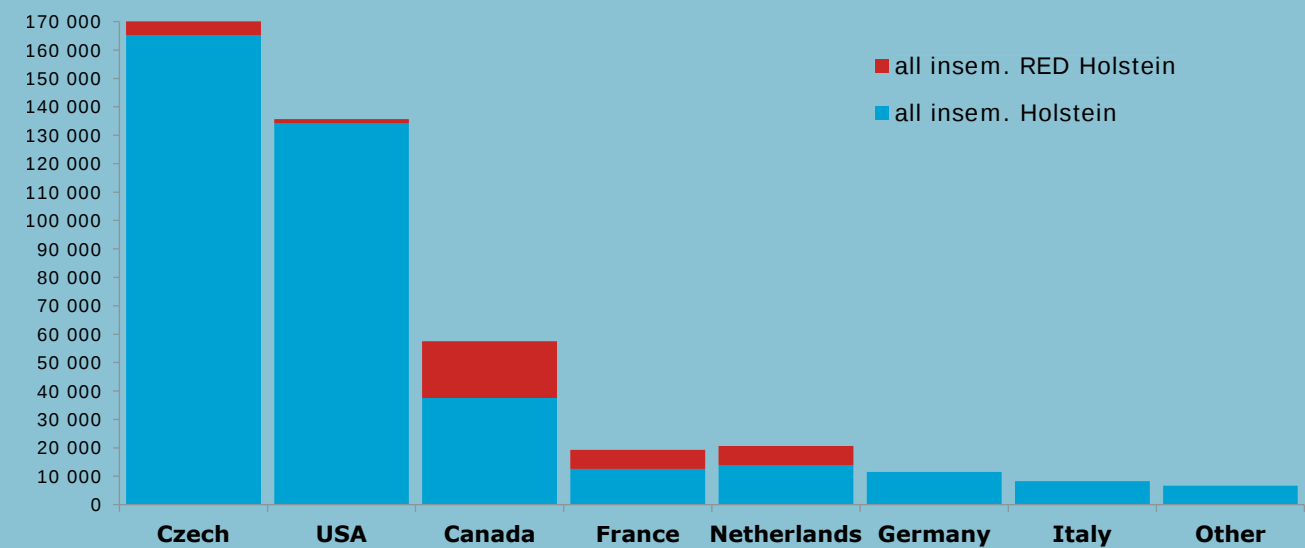
Rank	Breeder	Farm	Sire	Lac.	LD	M kgs	F %	F kgs	P %	P kgs	kgs F+P
1	137153-921	KOPECKY PAVEL	GORBY	4	295	20 620	3.50	722	3.32	685	1 407
2	371830-961	AGRAS BOHDALOV, A.S.	O MAN	2	548	19 198	3.71	712	3.35	643	1 355
3	171520-953	ZS OSTRETIN A.S.	STYLIST	3	350	18 743	3.76	704	3.46	649	1 353
4	371938-961	AGRAS BOHDALOV, A.S.	JOSE	2	439	18 554	4.05	752	3.23	600	1 352
5	319836-961	AGRAS BOHDALOV, A.S.	MASCOL	3	362	17 957	4.03	724	3.31	595	1 319
6	353373-961	AGRAS BOHDALOV, A.S.	GAVOR	2	381	19 362	3.53	684	3.26	631	1 315
7	171357-953	ZS OSTRETIN A.S.	MR BURNS	3	367	17 636	3.91	690	3.43	605	1 295
8	164413-972	VALASSKE ZOD,DRUZST.	GAVOR	2	396	16 467	4.54	748	3.21	528	1 276
9	353265-961	AGRAS BOHDALOV, A.S.	JOSE	3	419	16 922	4.04	684	3.42	579	1 263
10	353283-961	AGRAS BOHDALOV, A.S.	JARDIN	2	525	17 746	3.79	672	3.32	590	1 262
11	371764-961	AGRAS BOHDALOV, A.S.	JOSE	2	320	17 526	4.02	705	3.15	552	1 257
12	339819-931	AGRODRUZSTVO ZAHORI	LANCELOT	3	330	16 371	4.20	688	3.46	566	1 254
13	319891-961	AGRAS BOHDALOV, A.S.	ROUMARE	3	338	16 760	4.19	702	3.29	552	1 254
14	214470-921	HRABE FRANTISEK ING.	ALTABAXTER	2	361	14 301	5.57	797	3.13	448	1 245
15	319912-961	AGRAS BOHDALOV, A.S.	BUCKEY	3	355	18 863	3.48	656	3.11	587	1 243
16	319628-961	AGRAS BOHDALOV, A.S.	MARION	4	376	19 087	3.50	668	3.00	573	1 241
17	371906-961	AGRAS BOHDALOV, A.S.	ACTIVE	2	405	17 439	3.84	669	3.21	559	1 228
18	164432-972	VALASSKE ZOD,DRUZST.	LANCELOT	2	342	14 941	4.85	724	3.35	500	1 224
19	144192-972	VALASSKE ZOD,DRUZST.	EDDISON	3	316	15 599	4.88	762	2.93	457	1 219
20	187442-961	AGRAS BOHDALOV, A.S.	GEMORY	6	395	17 005	3.75	638	3.40	579	1 217
21	317621-931	ZOD KLUKY	O MAN	2	301	14 930	4.45	665	3.66	547	1 212
22	260207-961	ZP OSTROV,A.S.	SHARP	5	369	15 330	4.59	703	3.31	508	1 211
23	217627-953	ZEAS, A.S.POD KUN. HOROU	EROTIC	3	309	17 637	3.48	613	3.38	596	1 209
24	274836-961	AGRAS BOHDALOV, A.S.	SATIRE	4	384	16 103	4.23	681	3.28	528	1 209
25	326522-961	DOBROSEV, A.S.	CANVAS	3	361	16 317	4.34	708	3.06	499	1 207
26	326588-961	DOBROSEV, A.S.	E COMMERCE	2	348	14 374	5.43	780	2.96	425	1 205
27	317526-931	ZOD KLUKY	KERF	2	331	16 212	4.02	651	3.40	551	1 202
28	164707-972	VALASSKE ZOD,DRUZST.	LANCELOT	2	307	15 713	4.31	678	3.32	522	1 200
29	353271-961	AGRAS BOHDALOV, A.S.	TOYSTORY	3	380	16 952	3.88	658	3.19	541	1 199
30	313267-931	AGRODRUZSTVO ZAHORI	MASCOL	2	394	16 350	3.94	645	3.37	551	1 196
31	109968-953	ZS OSTRETIN A.S.	MASCOL	5	314	14 379	4.51	648	3.80	547	1 195
32	319712-961	AGRAS BOHDALOV, A.S.	IRONMAN	3	485	15 710	4.13	649	3.47	545	1 194
33	194678-921	VOD ZDISLAVICE	JUTA	4	345	16 455	4.23	696	3.02	497	1 193
34	217168-932	MECLOVSKA ZEMEDEL.AS	JORRYN	3	418	17 265	3.59	620	3.30	570	1 190
35	171151-953	ZS OSTRETIN A.S.	MASCOL	4	336	16 778	3.62	608	3.46	581	1 189
36	153304-972	VALASSKE ZOD,DRUZST.	KIAN	2	327	13 056	5.45	711	3.65	477	1 188
37	202010-953	OSEVA A.S. CHRUDIM	EROTIC	3	435	16 800	3.79	637	3.27	550	1 187
38	164508-972	VALASSKE ZOD,DRUZST.	ALINO	2	335	14 788	4.77	706	3.25	481	1 187
39	319797-961	AGRAS BOHDALOV, A.S.	ROUMARE	3	347	17 279	3.55	614	3.30	571	1 185
40	136053-972	VALASSKE ZOD,DRUZST.	BEARMEG	4	391	13 539	5.41	733	3.33	451	1 184
41	371768-961	AGRAS BOHDALOV, A.S.	AIRRAID	2	369	18 115	3.60	653	2.93	530	1 183
42	274503-961	AGRAS BOHDALOV, A.S.	ELOT	4	330	17 107	3.70	633	3.21	549	1 182
43	370347-931	AGRODRUZSTVO ZAHORI	ONWARD	2	418	15 137	4.62	700	3.18	481	1 181
44	339929-931	AGRODRUZSTVO ZAHORI	MICHAEL	3	318	14 670	5.03	738	3.02	443	1 181
45	147383-932	STATEK SOBETICE	HRONE	5	317	13 172	5.60	738	3.36	443	1 181
46	319613-961	AGRAS BOHDALOV, A.S.	TOYSTORY	4	478	19 875	3.06	608	2.88	572	1 180
47	319643-961	AGRAS BOHDALOV, A.S.	ECONOM	4	302	17 467	3.69	644	3.06	535	1 179
48	187362-961	AGRAS BOHDALOV, A.S.	STEPP	6	399	15 801	4.13	652	3.34	527	1 179

5. Artificial insemination in 2013

5.1 Numbers and proportion of the first and total inseminations in different breeds



5.2 Numbers and proportion inseminations by semen of bulls proven in different countries (imports) 2013



5.3 Numbers and proportion of the 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	107	22 017	62 065	2.82	9.0	11.1
Proven bulls at A.I. stations from CR	246	65 429	165 293	2.53	26.6	29.6
Proven bulls imported semen	345	111 426	228 579	2.05	45.3	41.0
Genomic bulls	124	47 120	101 823	2.16	19.2	18.3
Total	822	245 992	557 760	2.27	100.0	100.0
b. Red Holstein						
Bulls in test	4	380	1 331	3.50	1.8	3.1
Proven bulls at A.I. stations from CR	16	3 601	8 222	2.28	17.3	19.2
Proven bulls imported semen	61	12 419	24 044	1.94	59.8	56.2
Genomic bulls	19	4 356	9 152	2.10	21.0	21.4
Total	100	20 756	42 749	2.06	100.0	100.0

5.4 Breeding bulls with the highest number of 1st insemination

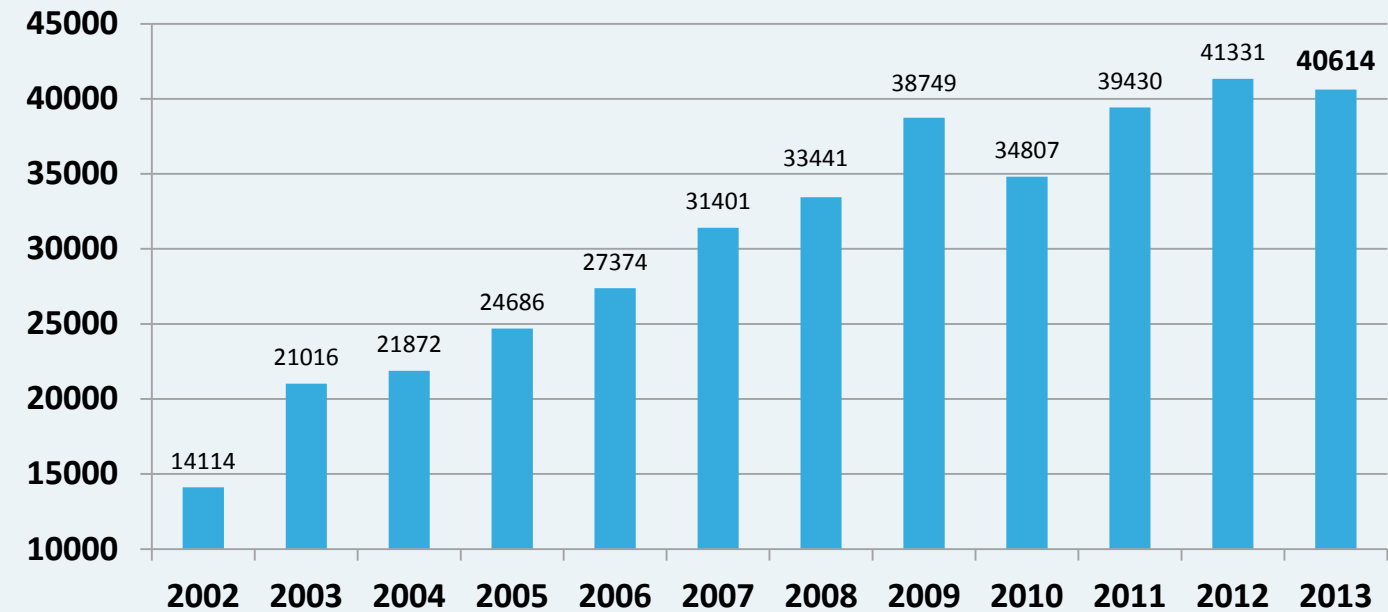
Reg. No.	Name of bull	Farm	Sire	Lac.	LD	M kgs
NEO-127	HUNTER	5 696	10 965		MAN-O-MAN	SHOTTLE
NEA-642	MICA	4 537	10 200	122.7	SHOTTLE	HARRY
NEA-637	SHULAN	4 514	10 549	129.0	SHOTTLE	BESN
NEA-960	MANIFOLD	3 819	7 245	114.6	O MAN	BW MARSHALL
NXA-964	O-COSMOPOLITAN	3 217	6 960		PLANET	SHOTTLE
NEA-739	LAURIN	3 094	6 369	131.2	JARDIN	LAUDAN
NEO-117	E.T. SHOTTLE	2 870	6 605		SHOTTLE	BESN
NEA-763	SIDNEY	2 770	6 329	137.3	JARDIN	DUSTIN
NXA-938	LEVI	2 637	4 577		BUCKEYE	O MAN
NEO-255	PAVAROTTI	2 628	5 496		SNOWMAN	JARDIN
NEA-371	ICHANT	2 605	5 712	124.6	MERCHANT	ADDISON
NEO-258	SNOWFALL	2 512	5 029		SNOWMAN	MAC
NXA-816	YANK	2 335	4 676	130.5	BW MARSHALL	MANFRED
NEO-056	OMANOMAN	2 266	5 074		MAN-O-MAN	SHOTTLE
NEO-122	HEMAN	2 263	3 754		MAN-O-MAN	GOLDWYN
NEA-987	PREDESTINE	2 183	4 569	116.7	JET STREAM	TOYSTORY
NEO-296	KAPO	2 158	4 780		FREDDIE	PLANET
NEA-507	GO AHEAD	2 144	4 573	124.4	O MAN	RUSSEL
NEO-103	DOBERMAN	2 121	3 816		SHOTTLE	GRANGER
NEA-644	NAVARRO	1 964	4 378	124.8	MASCOL	MELCHIOR
NXB-014	FLAWLESS	1 942	3 574		TOYSTORY	BOLIVER
NXA-931	SUDAN	1 880	3 960		JAMMER	SAILOR
NXB-042	JETT AIR	1 866	3 481		ALTABAXTER	BW MARSHALL
NXA-627	KAI	1 822	4 068	121.8	REXONDI	O MAN
NXA-837	GOFAST	1 772	4 015	110.5	GOLDWYN	O MAN
NEO-131	GOLI	1 767	4 035		O MAN	BW MARSHALL
NEO-273	JAY	1 699	3 394		BOLTON	DURHAM
NEO-126	TRIGGER	1 693	3 228		SHOTTLE	BOLIVER
NXA-939	ALTAR2	1 673	3 011		MARION	RAMOS
NEA-745	REMINDER	1 628	8 178	113.4	MASCOL	JESTHER
NEA-782	LOSTEDEN	1 585	3 486	135.9	JARDIN	MORTY
RED-555	KODAK	1 585	2 879	104.3	KEVIN	STADEL
NXA-831	SUPER	1 573	2 918	118.0	BOLIVER	O MAN
NXA-930	EMERALD	1 565	2 876		MARION	LYNCH
NEA-537	JULIAN	1 557	3 140	121.5	O MAN	MONTU
NEA-973	IMPULS	1 540	3 197	121.9	O MAN	JESTHER
RED-475	JOYALIST	1 514	3 565	117.6	ROYALIST	TRIBUTE
NEO-331	CHEVROLET	1 451	2 975		FREDDIE	PLANET
NEA-733	POLKA	1 422	3 512	121.7	JARDIN	WONDERBOY
NXA-567	FROSTY	1 390	2 835	125.8	BW MARSHALL	SAND
NXA-986	ELVYS	1 387	3 004		PLANET	MASCOL
NEO-286	ARBELL	1 376	3 212		SNOWMAN	RAMOS
NEA-502	JEEP	1 369	3 667	122.3	MURPHY	CHAMPION
NXA-965	ADMIRAL	1 352	2 650		GOLDWYN	ALLEN
NEO-010	MARCOS	1 345	2 566		MURPHY	BW MARSHALL
NEO-098	SANTANA	1 342	3 184		SHOTTLE	TRENT
NEA-980	DOVER	1 340	2 771	106.9	LAUDAN	DEBUT
NEO-236	JAKE	1 339	2 509		MASSEY	RAMOS
NEA-986	ALTA IOTA	1 308	2 289	119.8	O MAN	ITO
NXB-024	ALTIMA	1 271	2 648		ENCINO	O MAN
NXB-003	CREO TOY	1 262	2 391		TOYSTORY	FORD

5.5 Test bulls in the year 2013

Reg. No.	Name	Owner	Country	Sire	Sire of Dam	Breeder
NEO-279	GODIL	604	FR	ALTAIOTA	BOLTON	IMPORT ID
NEO-283	PATRIOT	401	CZ	ALTAIOTA	RAMOS	ZS OSTŘETÍN
NEO-284	PARDAL	401	CZ	ALTAIOTA	SANDY	ZS OSTŘETÍN
NEO-285	PARTNER	401	CZ	ALTAIOTA	RAMOS	ZS OSTŘETÍN
NEO-346	REBEL	401	CZ	ALTAIOTA	RAMOS	ZS OSTŘETÍN
NEO-354	PEPPER	101	US	ALTAIOTA	ALAN	IMPORT ID
NEO-317	ROSSIK	101	CZ	ALTAROSS	JEEVES	ROZVODÍ ČERNOV
NEO-329	MOON SHINE	101	US	ALTAROSS	PLANET	IMPORT ID
NGA-665	PEIRAK	201	CZ	ARDEN	ALTAOLIVER	ZD VYSOČINA ŽELIV
NXB-097	BABAK	510	DE	BAREDO	RAMOS	IMPORT ID
NEO-318	PECOSS	201	CZ	BEACON	A-A WIN 395	ZD VYSOČINA ŽELIV
NEO-319	PADRE	201	CZ	BEACON	O-MAN	ZD VYSOČINA ŽELIV
NEO-244	BARROW	101	US	BOWSER	JEEVES	IMPORT ID
NEO-275	BOWIE	101	NL	BOWSER	SHOTTLE	IMPORT ID
NEO-338	SHADRACH	101	US	BOWSER	SHOTTLE	IMPORT ID
NEO-214	LOREN	101	US	BRONCO	SHOTTLE	IMPORT ID
NEO-291	CENNET	101	NL	COLOMBIANO	SURVIVOR	IMPORT ID
NEO-311	CHIPPER	906	US	COLT P RED	PLANET	IMPORT ID
NEO-327	COLMAN P	401	DE	COLT P RED	PLANET	IMP BYKA
NEO-349	GLOW	604	US	COLT P RED	PRONTO	IMPORT ID
NXB-111	HARLEM SJ	604	FR	DANILLO	ALEXANDER	IMPORT ID
RED-614	ATOMIUM RED	906	CA	DETOX	ALTABAXTER	IMPORT ID
NXB-066	TANDE	101	US	DOMAIN	TALENT	IMPORT ID
NEO-348	FB 1086	604	US	FACEBOOK	SHOTTLE	IMPORT ID
NEO-260	FRANKLYN	510	DE	FREDDIE	PLANET	IMPORT ID
NEO-308	COOCKIE	803	FR	FREDDIE	PLANET	IMPORT ID
NEO-242	LOUVRE	101	NL	GERARD	BOLTON	IMPORT ID
NEO-248	COLORETTO	101	NL	GERARD	JORDAN	IMPORT ID
NXB-021	SAMURAI	101	NL	GOFAST	JARDIN	IMPORT ID
NEO-256	PROMILL	101	CZ	HILL	MASCOL	VOD ZDISLAVICE
NEO-368	HYPER CAPI	604	FR	HILL	MAN-O-MAN	IMPORT ID
NEO-371	HUNTING	101	NL	HUNTER	BOLTON	IMPORT ID
NEO-333	DECISION	906	CA	LAVAMAN	BOLTON	IMPORT ID
NXB-078	ROBINSON	101	CZ	LEVI	BOLIVER	ROZVODÍ ČERNOV
NEO-332	ABUNDANCE	906	US	LEWIS	GOLDWYN	IMPORT ID
NEO-335	MANARE	510	DE	MANIFOLD	ROUMARE	IMPORT ID
NEO-209	ARMANI	101	NL	MAN-O-MAN	RAMOS	IMPORT ID
NEO-320	RUMIK	201	CZ	MARCOS	MERWEHOEVE	ZD VYSOČINA ŽELIV
RED-592	BALTI RED	906	CA	MITEY-P	SALTO	IMPORT ID
NXB-006	SIREN	101	US	OBSERVER	AUDEN	IMPORT ID
NXB-048	JUPITER	101	BE	PLANET	GOLDWYN	IMPORT ID
NXB-005	MELBOURNE	101	US	SEBASTIAN	SHOTTLE	IMPORT ID
NXB-059	SHARP	803	DE	SHAMROCK	MAN-O-MAN	IMPORT ID
NXB-094	ACE	101	US	SHAMROCK	GOLDWYN	IMPORT ID
NEO-340	RASKA	201	CZ	SHOTTLE	ROSEO JOC	VOD ZDISLAVICE
NEO-343	HERA	604	FR	SKOTTE	MICKEY	IMPORT ID
NEO-221	STRIKE	101	NL	SNOWMAN	MASCOL	IMPORT ID
NEO-261	SNOWMASTER	510	DE	SNOWMAN	SHOTTLE	IMPORT ID
NEO-262	SNOW	510	NL	SNOWMAN	SPENCER	IMPORT ID
NEO-280	GOLD	604	NL	SNOWMAN	GOLDWYN	IMPORT ID
NEO-288	UNIVERSE	101	BE	SNOWMAN	GOLDWYN	IMPORT ID
NEO-313	SNOWBLAST	101	NL	SNOWMAN	GOLDWYN	IMPORT ID
NXB-077	ROLAND	201	CZ	SUDAN	PING	ZD VYSOČINA ŽELIV
NXB-093	ROZMBERK	202	CZ	SUDAN	A-A WIN 395	ZD VYSOČINA ŽELIV
NXB-019	SUPERBAL	101	BE	SUPER	SHOTTLE	IMPORT ID
NXB-039	PEQUOT	201	CZ	SUPER	ROUMARE	DOBROSEV A.S.
NEO-215	GRAHAM	101	US	TRIGGER	GOLDWYN	IMPORT ID
NEO-245	TABOR	101	US	TRIGGER	JET STREAM	IMPORT ID

6. Type evaluation

6.1 Numbers of type scored first Calvers



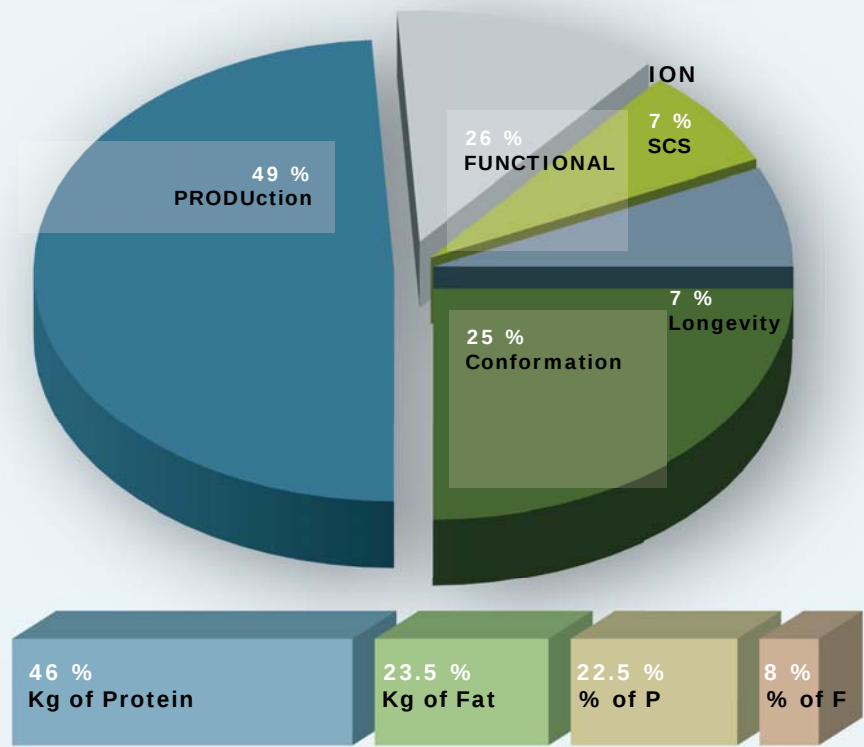
7. Breeding values Evaluation

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. Selection index for Holstein cattle



9. Cow with the highest lifetime yield

At the end of 2013, the Czech Republic had more then 250 cows, producing a lifetime more than 100,000 Kgs of milk. The best of them are listed in table.

No.	Cow	Sire Reg.	Breeder	Lac.	LD	Kgs M	milk/day	F %	Kgs F	P %	Kgs P
1	56354-246	NX-604	JINDROVA ZEMED.FARMA	13	4 673	155 950	33.37	4.26	5 947	3.09	4 302
2	44130-265	NEB-543	AGRODRUZSTVO ZAHORI	12	4 533	152 405	33.62	3.58	4 769	3.02	4 025
3	101648-205	NEB-681	AGRODRUZSTVO ZAHORI	10	3 899	145 464	37.31	3.46	4 306	2.89	3 600
4	63536-614	NEB-405	ZERAS A.S .	10	3 707	143 455	38.70	3.42	4 510	3.00	3 958
5	63505-614	NEB-405	ZERAS A.S .	9	3 064	142 576	46.53	3.42	4 473	3.19	4 176
6	18348-203	NEB-265	CRF,SPOL.S R.O.	10	4 184	138 578	33.12	3.32	3 730	3.14	3 529
7	44207-328	NBY-059	CZF MILLER	7	3 069	136 790	44.57	3.30	3 632	3.12	3 434
8	100298-110	NEB-744	CZF MILLER	7	3 041	136 648	44.94	2.93	2 946	2.88	2 897
9	103540-505	NX-472	ZD DOLANY	12	3 950	136 476	34.55	3.47	4 579	3.23	4 260
10	81707-621	NGA-070	VOS ZEMEDELCU,A.S.	11	3 903	135 045	34.60	3.29	4 110	2.93	3 658
11	118041-101	NX-698	KOPECKY PAVEL	7	2 892	129 442	44.76	4.24	4 651	3.32	3 643
12	101482-105	NEB-711	PIAS SUCHDOL, A.S.	10	3 901	128 239	32.87	3.34	3 711	3.01	3 347
13	5944-610	NGA-123	ZD SEMIKOVICE	14	4 924	128 234	26.04	4.55	5 387	3.45	4 089
14	63884-614	NEB-504	ZERAS A.S .	9	2 904	127 907	44.05	3.52	4 273	3.16	3 841
15	76759-264	NGA-161	ROZVODI CERNOV S.R.O	10	3 562	127 235	35.72	3.78	4 427	3.31	3 869
16	66210-161	NEB-419	VOD ZDISLAVICE	12	4 018	127 201	31.66	3.86	4 647	3.29	3 969
17	100032-101	NEB-478	AGRODR. NACERADEC	8	2 853	125 945	44.14	3.71	4 176	3.16	3 565
18	93334-130	274-656	POLACKOVA BARBORA	10	3 145	125 681	39.96	3.48	4 098	3.01	3 548
19	76340-264	NEB-565	AGROPODNIK KOSETICE	11	4 065	125 673	30.92	3.56	4 021	3.05	3 444
20	18349-203	NEB-265	CRF,SPOL.S R.O.	10	3 142	125 247	39.86	2.95	3 351	2.87	3 257
21	136637-614	NX-891	ZDV NOVOVESELSKO	9	3 355	124 527	37.12	3.14	3 448	2.99	3 280
22	7075-766	NX-196	ZEM.A.S.OPAVA-KYLES.	12	4 064	123 908	30.49	3.28	3 857	3.15	3 702
23	134298-502	NEB-295	AGRO POSAZAVI, A.S.	9	3 120	123 681	39.64	3.15	3 622	3.23	3 715
24	17553-742	NEB-265	NETIS, A.S.	11	3 663	123 263	33.65	3.52	4 021	3.04	3 481
25	10340-981	NXA-097	NETIS, A.S.	7	2 733	123 126	45.05	3.02	3 154	2.97	3 094
26	112192-702	NEB-681	NETIS, A.S.	10	3 765	122 783	32.61	4.08	4 477	3.17	3 478
27	100534-701	NX-587	FARMA VAJGLOV A.S.	11	3 494	121 021	34.64	4.01	4 537	3.16	3 585
28	18351-203	NEB-265	CRF,SPOL.S R.O.	8	3 888	120 718	31.05	3.32	3 005	3.29	2 981
29	143503-614	NX-928	ZDV NOVOVESELSKO	9	2 965	120 499	40.64	2.97	3 431	2.92	3 375
30	116840-614	NX-863	ZDV NOVOVESELSKO	10	3 301	120 340	36.46	3.13	3 537	3.15	3 560
31	80725-161	NX-293	KOPECKY PAVEL	10	3 668	120 290	32.79	4.11	4 304	3.11	3 257
32	113596-204	NX-891	ROZVODI CERNOV S.R.O	8	3 305	120 270	36.39	3.92	3 766	3.11	2 987
33	111165-701	NGA-306	FARMA VAJGLOV A.S.	7	2 599	119 868	46.12	3.17	3 284	2.99	3 094
34	117385-704	NEB-641	AGROSUMAK A.S.	10	3 200	119 541	37.36	3.18	3 563	3.13	3 509
35	102115-614	NEB-616	AGRAS BOHDALOV, A.S.	8	2 680	119 390	44.55	3.03	3 388	3.01	3 369
36	91812-643	NGA-209	AGRO MONET, A.S.	10	3 403	119 292	35.05	3.22	3 440	2.98	3 175
37	47995-501	NEB-663	ZD VSESTARY	9	3 297	118 855	36.05	4.03	4 198	3.37	3 510
38	32591-614	NEB-498	ZEMAS AG,A.S.	9	3 500	118 540	33.87	3.59	3 733	3.00	3 122
39	103352-506	NEB-368	ZS OSTRETIN A.S.	9	3 197	118 249	36.99	3.69	3 978	3.34	3 602
40	116831-614	NGA-161	ZDV NOVOVESELSKO	8	3 014	118 152	39.20	2.97	2 959	3.04	3 031
41	3562-953	NXA-063	OSEVA A.S. CHRUDIM	8	2 664	118 016	44.30	3.34	3 677	3.23	3 550
42	103082-506	NEB-563	ZS OSTRETIN A.S.	9	3 403	117 867	34.64	3.56	3 653	3.09	3 172
43	81430-502	NX-669	BARTOVA LUDMILA	9	3 265	117 652	36.03	3.49	3 629	3.00	3 114
44	37902-201	IMP-000	ZESPO CZ S.R.O.	13	3 982	117 627	29.54	3.92	4 443	3.18	3 596
45	6710-750	NEB-621	ZD MIR RATIBOR	12	3 696	117 493	31.79	4.18	4 870	3.40	3 954
46	111703-604	NXA-014	ZEMAX SITBORICE,A.S.	8	2 941	117 277	39.88	2.84	2 976	2.90	3 040
47	5074-441	NEB-569	ZOD BRNISTE	10	3 134	116 445	37.16	3.81	4 209	3.00	3 314
48	103962-607	NEB-737	ZD ROSTYN V HODICICH	9	3 061	116 357	38.01	3.45	3 742	3.02	3 273

10. TOP list of heifers available

In 2013, we began to be published ranking heifers. The calculation is repeated every two months. TOP list is a tool for the selection of breeding animals and helps with orientation when exporting heifers.

No.	Heifer	Index	Milk	FL	UDD	Sire Reg	Sire Name	Mother	Age	Breeder
1	486302931	145.2	136	115	117	NEA-526	ROUMARE	313287931	12/11	AGRODRUZSTVO ZAHORI
2	486017931	144.7	134	117	118	NEO-103	DOBERMAN	339856931	20/01	AGRODRUZSTVO ZAHORI
3	288057953	142.7	145	100	88	NXA-938	LEVI	109968953	20/08	ZS OSTRETIN A.S.
4	552141961	142.6	136	112	123	NEA-844	MASSEY	326599961	06/24	DOBROSEV, A.S.
5	253327971	142.4	134	119	118	NXA-930	EMERALD	134687971	16/01	MESPOL MEDLOV, A.S.
6	288137953	141.4	139	122	95	NXA-938	LEVI	171443953	16/29	ZS OSTRETIN A.S.
6	559700961	141.4	134	122	109	NXA-930	EMERALD	363832961	07/28	ZD "VYSOCINA" ZELIV
8	242147971	140.4	139	115	108	NEO-056	OMANOMAN	158752971	19/21	OSICKA VACLAV MVDR.
9	486165931	139.7	130	132	105	NXA-930	EMERALD	370413931	12/25	AGRODRUZSTVO ZAHORI
10	511280961	139.6	133	113	119	NEA-515	SNOWMAN	393629961	15/23	DOBROSEV, A.S.
11	529925961	139.5	145	94	89	NEA-763	SIDNEY	406301961	02/27	AGRO POSAZAVI, A.S.
12	213651972	139.2	132	123	112	NXA-746	LURPH	160322972	05/18	ZEM.AKC.SPOL.NIVNICE
12	469903961	139.2	135	115	106	NEO-056	OMANOMAN	363057961	27/19	DOBROSEV, A.S.
12	469970961	139.2	135	115	106	NEO-056	OMANOMAN	363057961	25/01	DOBROSEV, A.S.
15	275690971	139.1	137	112	106	NXA-930	EMERALD	183033971	02/16	MESPOL MEDLOV, A.S.
16	486610961	139.0	131	110	121	NEA-871	EXPLODE	371830961	25/11	AGRAS BOHDALOV, A.S.
17	324462921	138.9	135	109	105	NEA-637	SHULAN	237468921	17/21	ZAS BECVARY A.S.
18	289945953	138.5	126	121	120	NEA-844	MASSEY	182206953	22/04	ZESPO CZ S.R.O.
19	486339931	138.2	133	100	113	NEA-844	MASSEY	470072931	12/03	AGRODRUZSTVO ZAHORI
20	357307921	137.9	144	96	95	NEA-763	SIDNEY	232949921	04/01	ZD DLOUHA LHOTA
20	486231931	137.9	135	103	112	NEO-103	DOBERMAN	182079931	19/20	AGRODRUZSTVO ZAHORI
22	486202931	137.5	131	114	113	NXA-930	EMERALD	313473931	22/11	AGRODRUZSTVO ZAHORI
23	275075981	137.3	135	123	95	NXA-746	LURPH	171275981	02/04	CETA S.R.O.
24	267973971	137.1	137	91	112	NEO-098	SANTANA	183087971	05/00	MESPOL MEDLOV, A.S.
24	354192921	137.1	135	115	94	NEA-507	GO-AHEAD	293670921	10/00	MONTAMILK,S.R.O.
26	579288931	136.9	123	119	129	NEO-292	DORCY	412029931	01/22	AGRODRUZSTVO ZAHORI
27	545682931	136.8	124	118	131	NEO-103	DOBERMAN	339723931	09/09	AGRODRUZSTVO ZAHORI
28	163216942	136.7	143	103	81	NEA-645	KASCOL	132392942	14/25	AGRO HOSTKA A.S.
28	253369971	136.7	130	119	113	NXA-930	EMERALD	210479971	13/09	MESPOL MEDLOV, A.S.
30	288019953	136.6	133	105	114	NEO-103	DOBERMAN	171040953	21/08	ZS OSTRETIN A.S.
30	579010931	136.6	127	106	120	NEA-844	MASSEY	339931931	02/04	AGRODRUZSTVO ZAHORI
32	163226942	136.5	134	105	105	NEA-645	KASCOL	132369942	14/14	AGRO HOSTKA A.S.
32	253358971	136.5	129	126	104	NXA-931	SUDAN	195915971	14/09	MESPOL MEDLOV, A.S.
32	486289931	136.5	132	108	108	NEA-844	MASSEY	339909931	14/09	AGRODRUZSTVO ZAHORI
35	163393942	136.2	128	123	111	NXA-960	WYMAN	132458942	05/22	AGRO HOSTKA A.S.
35	335662921	136.2	130	122	111	NXA-931	SUDAN	275119921	21/02	PIAS SUCHDOL, A.S.
35	354986921	136.2	127	126	106	NXA-938	LEVI	299386921	08/02	AGRO JESENICE A.S.



Full list can be found on the web adress:
<http://tinyurl.com/czheifers>

CZECH HOLSTEIN CHAMPIONSHIP IN BRNO 2013



The Czech team took part in the
European Holstein and Red Holstein
Championship 2013 in Fribourg



Magdaléna
Tráková



Champion of 2013 - 363001-961 DOBRONIN PATTY RED 2 ET
(SEPTEMBER NEA-138 X NORBY 270-525) DOBROSEV A.S. DOBRONÍN



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. Aleš Bychl
Ing. David Lipovský,
Ing. Ladislav Vondrášek



**HOLSTEIN CATTLE BREEDERS
ASSOCIATION OF THE CZECH REPUBLIC**

Hradištko 123, Hradištko; 252 09
tel.: +420 257 896 248

office@holstein.cz
www.holstein.cz