

Annual report 2019 /2020



CESTR
svaz chovatelů
českého strakatého skotu



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INTRODUCTION

Dear breeders,

In the year when we commemorate 30 years since founding of the Czech Fleckvieh Breeders Association, you get your hands on this first issue of the Annual report. The report uses graphic outputs and tables to evaluate Czech Fleckvieh held in the Czech Republic. The evaluation of the results doesn't only deal with the last control year 2019/2020, but also shows the development of the breed in time series.

The excellent results of Czech Fleckvieh cows and bulls deserve our admiration and at the same time we would like to express a big thank you to all breeders of these noble animals.

2019/2020

102 716

finished lactatins
of Fleckvieh cows

4,03 %

average milk fat

3,58 %

average milk protein

7 769 kg

average milk production

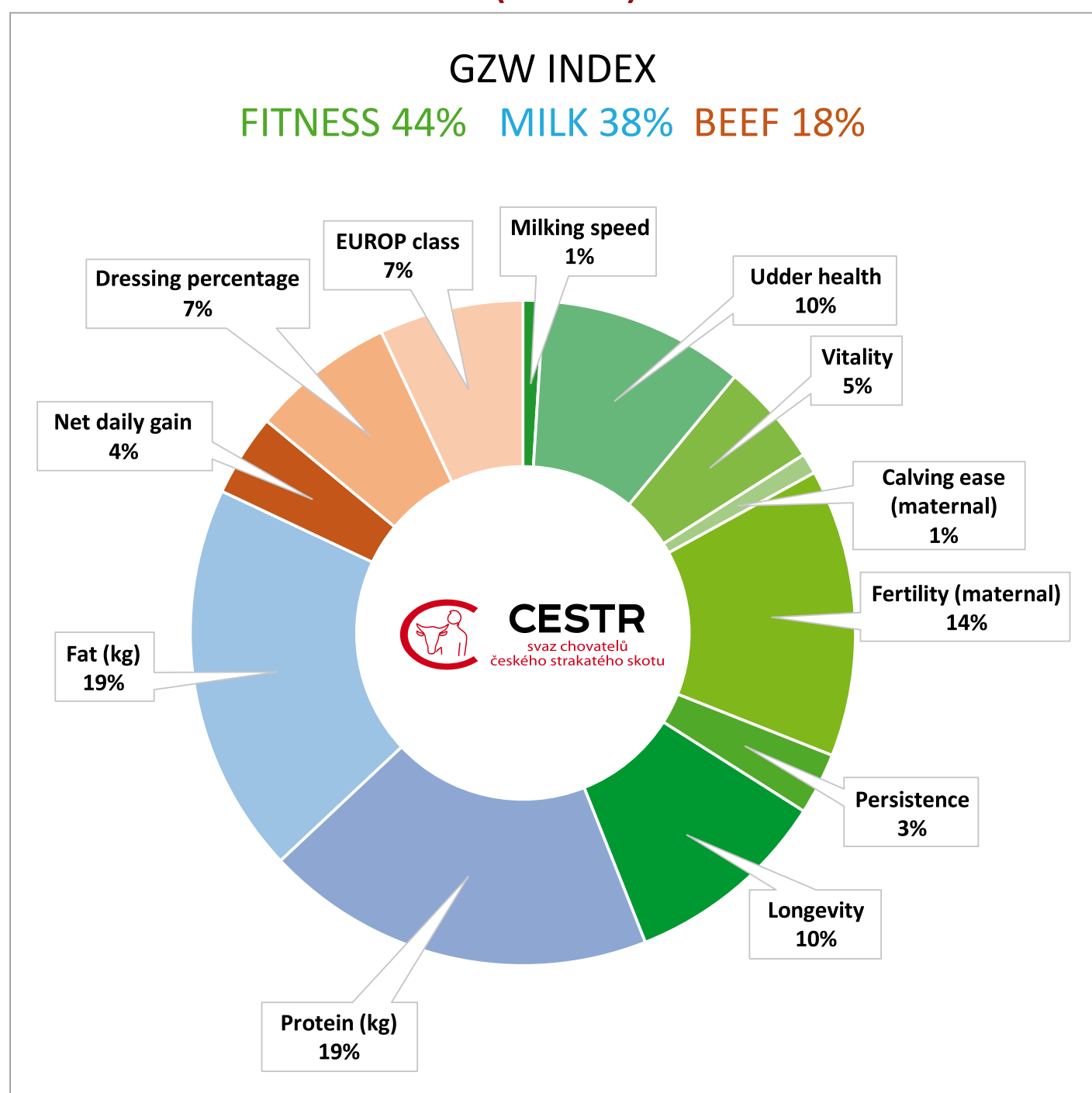
313 kg

average fat production

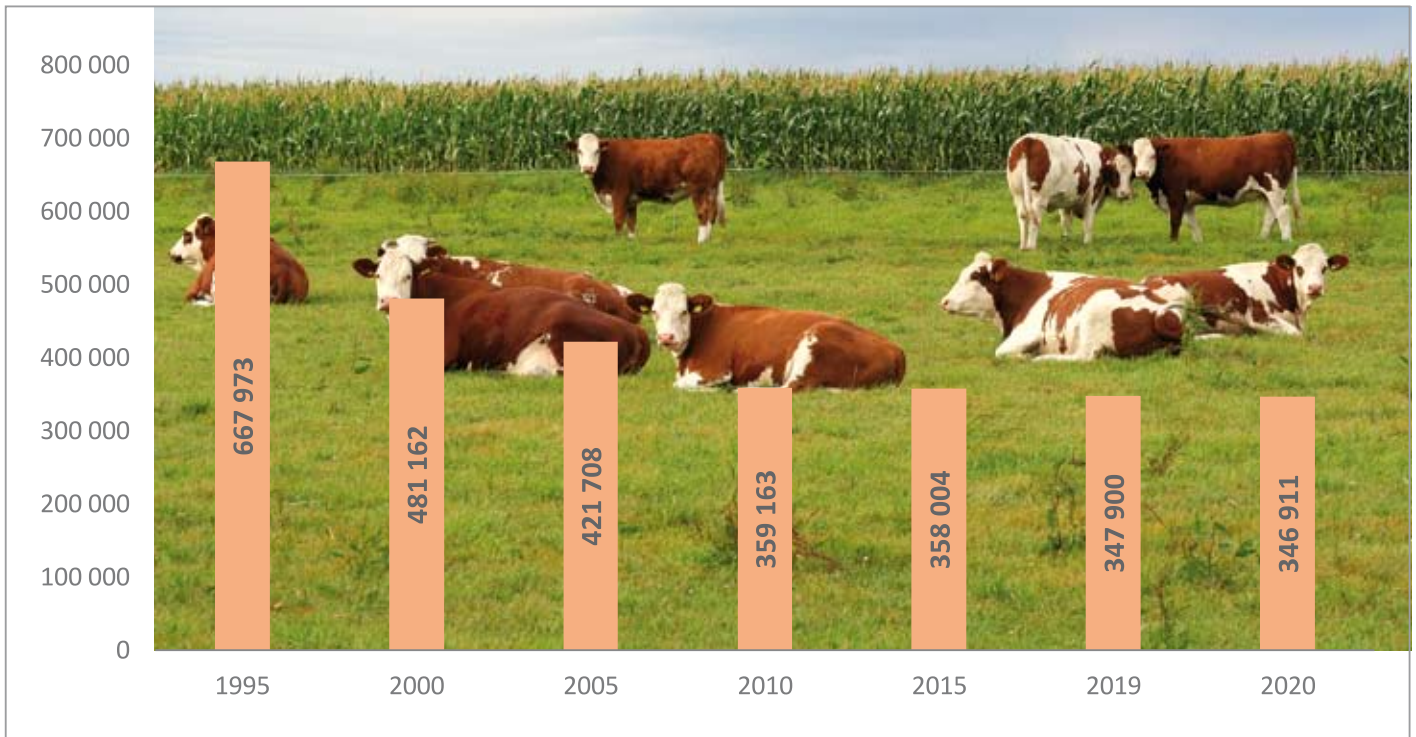
278 kg

average protein productin

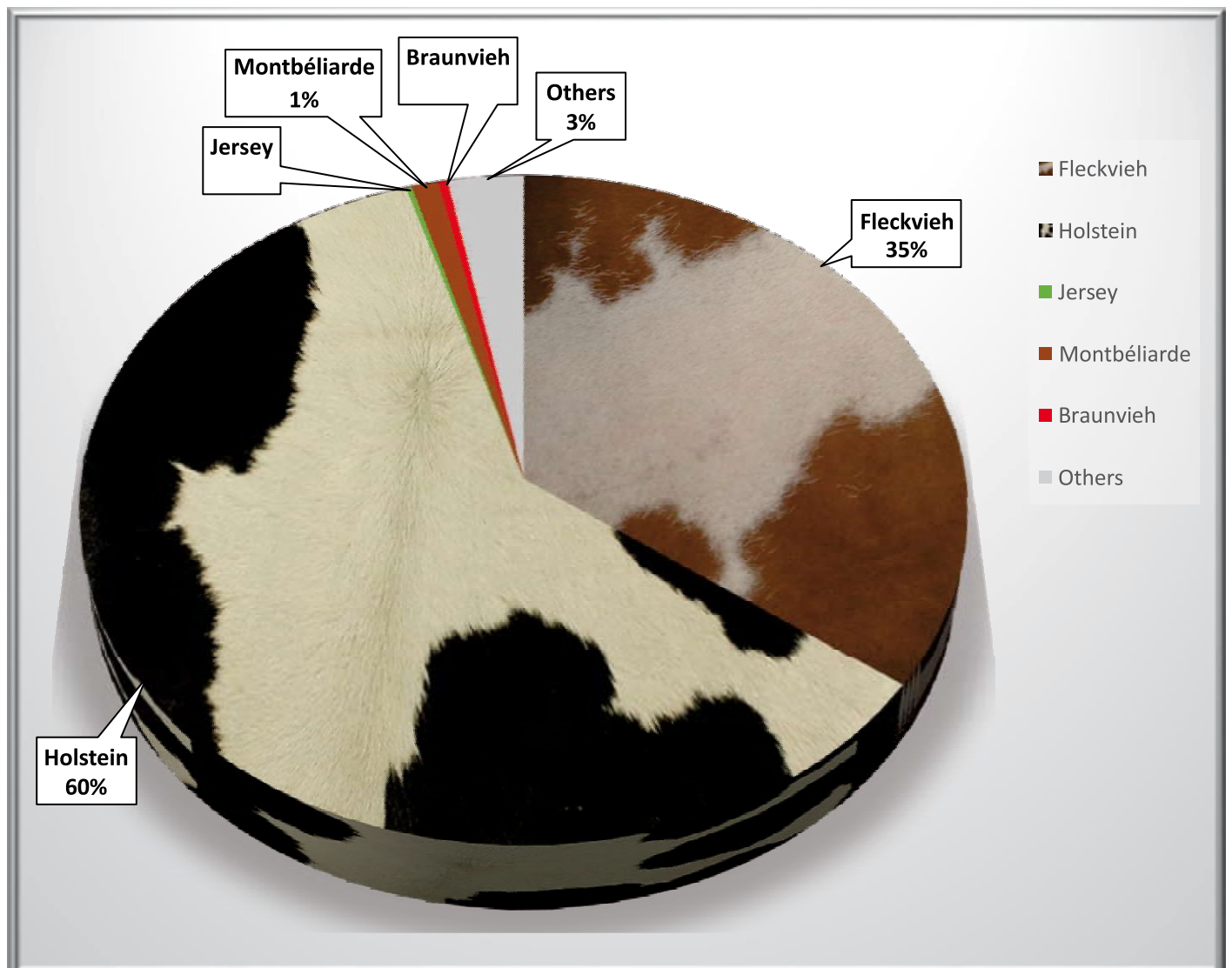
2. Total Merit Index (GZW) of Fleckvieh cattle



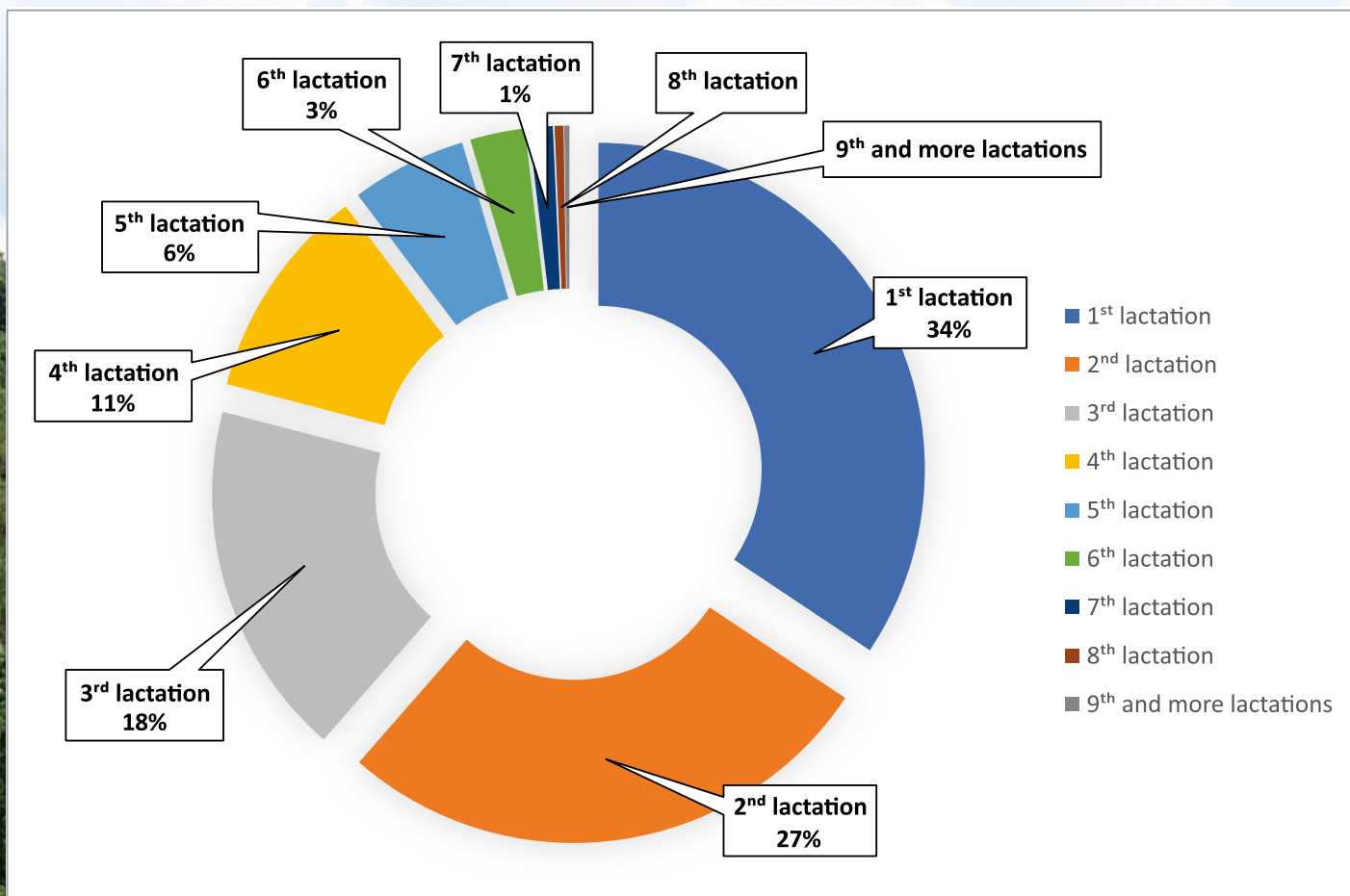
3. Development of the number of cows in milk recording and their breed structure



3.1. Breed structure of recorded cows in 2020

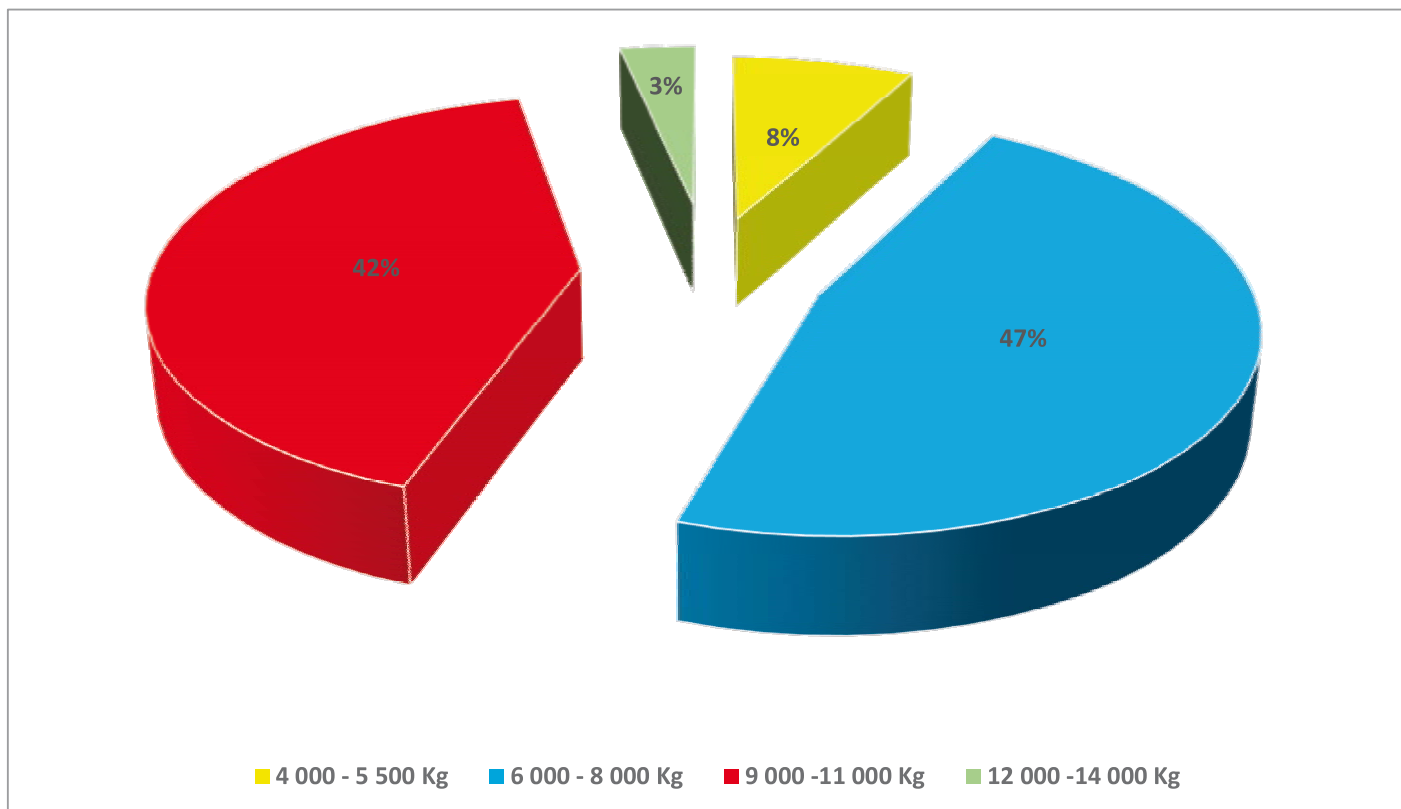


3.2. Recorded cows according to their lactation



4. Milk production development of recorded Fleckvieh cows in 2019/2020

4.1. Interval distribution of milk production

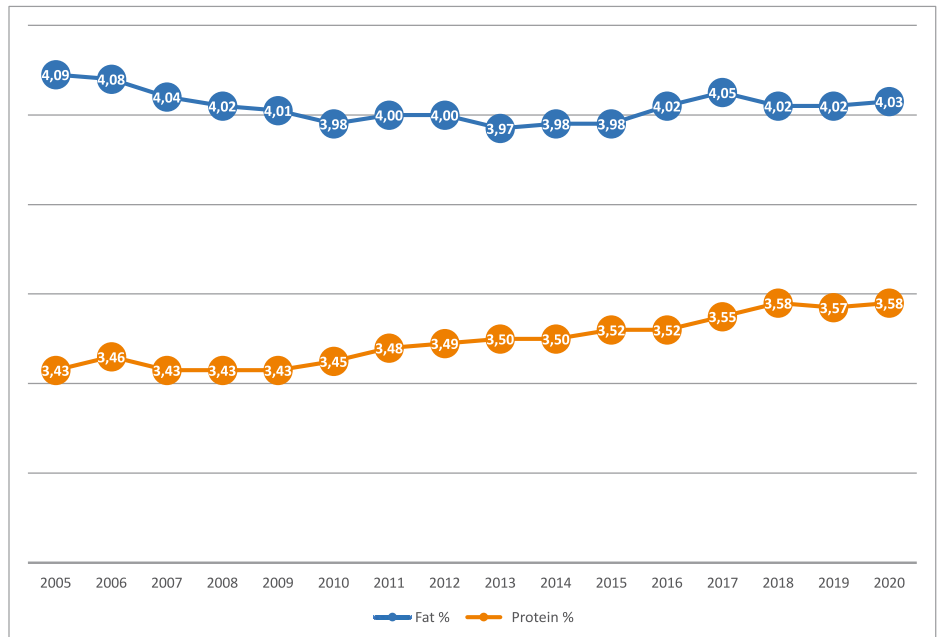


4.2. Milk production development of recorded Fleckvieh cows

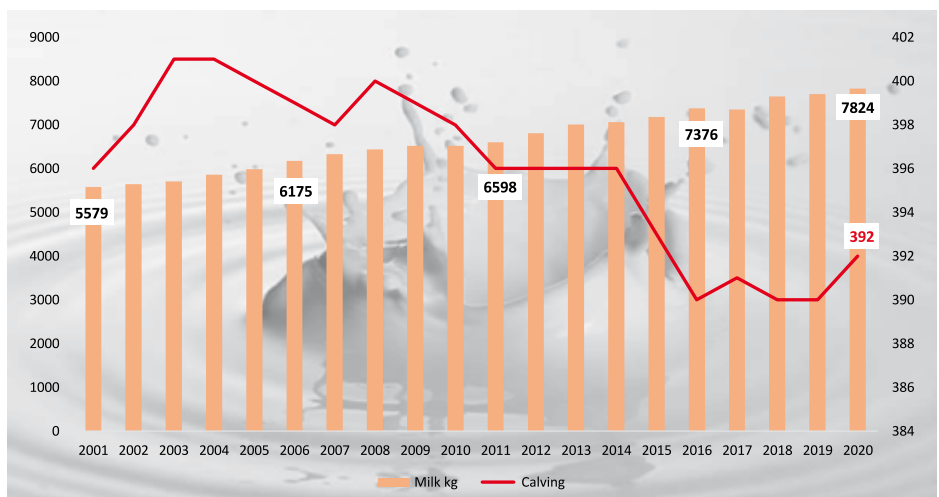




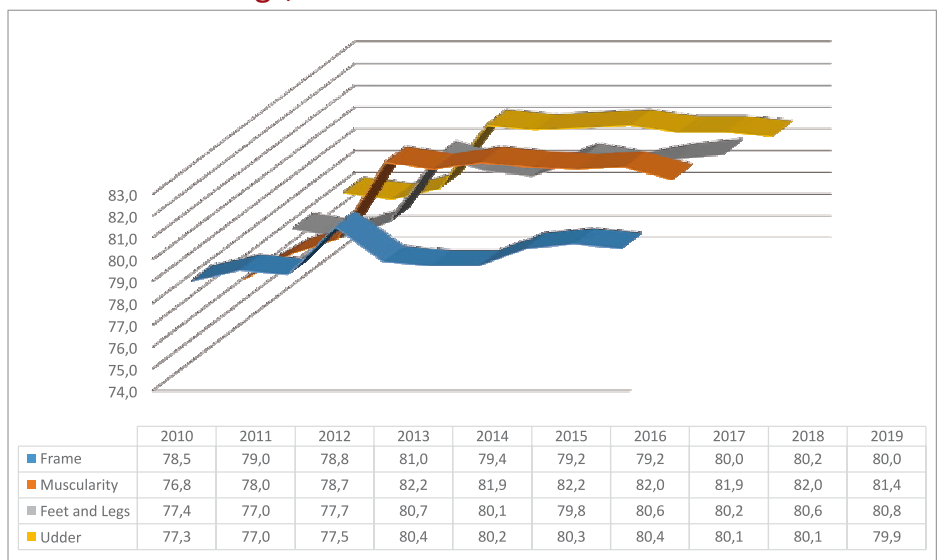
4.3. Fat and protein production development



4.4. Calving interval and milk production development of recorded Fleckvieh cows



4.5. Conformation Breeding Values - Frame, Muscularity, Feet and Legs, Udder



5. Best herds and cows in control year 2019/2020

5.1. Best Fleckvieh herds in milk production in control year 2019/2020

Rank	Breeder	Farm	Records	M kg	F %	F Kg	P %	P Kg	F + P Kg
1	AGRO POSAZAVI, A.S.	VADIN	51	10258	3,56	365	3,38	347	712
2	VOD ZDISLAVICE	ZDISLAVICE C	351	10141	3,90	395	3,54	359	754
3	VOLANICKA ZEMEDELSKA	VESELSKA LHOTA VKK	470	10127	4,07	413	3,47	352	765
4	ZD NOVA VES - VISKA	NOVA VES	413	9827	3,55	349	3,54	348	697
5	ZEMEDELSKA A.S.	JAVORNE	382	9765	3,93	384	3,62	354	738
6	ZEА RYCHNOVSKO A.S.	DLOUHA VES	176	9756	3,88	379	3,62	353	732
7	PODORLICKO A.S.	VERMEROVICE MF	429	9752	3,98	389	3,69	360	749
8	DVPM SLAVIKOV	SLAVIKOV,UE,KU,INS.	85	9736	3,65	356	3,48	339	695
9	ZD DOBRA VODA	DOBRA VODA K 174	202	9718	3,42	333	3,54	344	677
10	ZD „VYSOCINA“ ZELIV	ZELIV-CESTR	46	9717	3,80	369	3,57	347	716
11	AGRODR. NACERADEC	NACERADEC C	45	9692	3,97	385	3,49	338	723
12	AGRO LIBOMERICE A.S.	LIBOMERICE	55	9640	3,75	361	3,48	336	697
13	AGRO-STONAROV DRUZS.	PAVLOV VKK	210	9593	3,78	362	3,39	326	688
14	AGRO LIBOMERICE A.S.	POHLED I	106	9580	3,85	369	3,58	343	712
15	ZBIRZSKA A.S.	CHEZNOVICE	280	9408	4,35	409	3,48	327	736
16	DV POLICE NAD METUJI	SUCHY DUL VKK	376	9361	3,75	351	3,57	334	685
17	HD URCICE,DRUZSTVO	URCICE IV	517	9342	4,01	375	3,59	336	711
18	AGRO LIBOMERICE A.S.	NOVE LHOTICE-KRAVIN	515	9318	3,84	358	3,56	331	689
19	ZEА RYCHNOVSKO A.S.	LIPOVKA	325	9309	4,02	374	3,48	324	698
20	ZD BELCICE	HORNOSIN	227	9265	4,03	373	3,54	328	701
21	ZD ZIZKOVO POLE	ZIZKOVO POLE K174	162	9226	3,85	355	3,65	336	691
22	LUKRENA A.S.	RENCE VKK	421	9222	3,98	367	3,6	332	699
23	PROAGRO R.SVRATKA AS	RAD.SVRATKA SCH	347	9197	4,03	371	3,58	329	700
24	ZEAS NEDAKONICE,A.S.	NEDAKONICE SCH	710	9194	3,96	364	3,48	320	684
25	SKOL.STATEK HUMPOLEC	HUMPOLEC,DUSILOV 384	223	9191	4,35	400	3,47	319	719

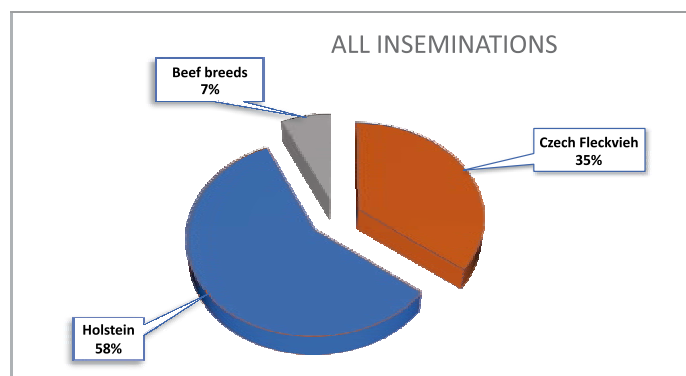
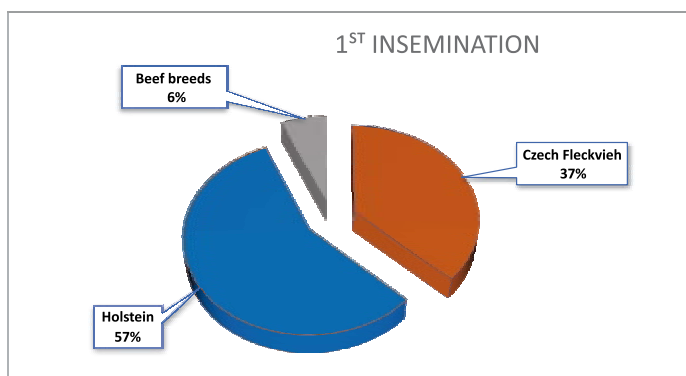


5.2. Breeding cows with the highest production in control year 2019/2020

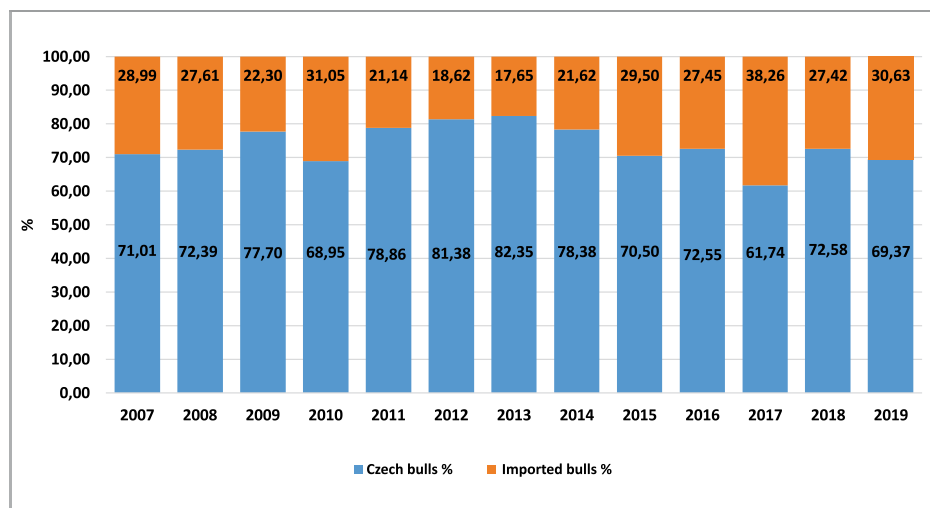
Rank	Cow	Breeder	Sire	Lac.	Milk Kg	F %	F Kg	P %	P Kg	F + P Kg	LD
1	CZ000445051921	VOD ZDISLAVICE	VALFIN JB	2	15 971	4,24	677	3,49	558	1 235	463
2	CZ000415670921	VOD ZDISLAVICE	MASSIMILIANO	3	15 428	3,90	602	3,74	577	1 179	420
3	CZ000444945921	VOD ZDISLAVICE	RALDI	2	14 356	4,59	659	3,59	515	1 174	356
4	CZ000445001921	VOD ZDISLAVICE	NELSON	2	14 957	4,27	638	3,48	520	1 158	511
5	CZ000349943921	VOD ZDISLAVICE	VANADIN	4	15 214	4,10	624	3,50	532	1 156	355
6	CZ000349749921	VOD ZDISLAVICE	GALILEO	4	15 221	4,11	626	3,43	522	1 148	433
7	CZ000415454921	VOD ZDISLAVICE	LARGO	3	14 793	4,18	619	3,47	514	1 133	382
8	CZ000302500952	VOLANICKA ZEMEDELSKA	HERMELIN	5	14 188	4,62	656	3,32	471	1 127	329
9	CZ000292657971	HD URCICE, DRUZSTVO	REUMUT	3	15 186	3,98	604	3,36	510	1 114	518
10	CZ000445009921	VOD ZDISLAVICE	RALDI	2	14 450	4,10	593	3,58	517	1 110	374
11	CZ000387285921	VOD ZDISLAVICE	UTRILLO	4	15 307	3,76	575	3,48	533	1 108	349
12	CZ000352495952	VOLANICKA ZEMEDELSKA	GOLLI	2	14 101	4,41	622	3,44	485	1 107	337
13	CZ000280940921	VOD ZDISLAVICE	CANSAR	7	15 055	3,91	588	3,43	516	1 104	360
14	CZ000561754961	ZEMEDELSKA A.S. LIPA	GALILEO	4	14 715	3,87	569	3,63	534	1 103	359
15	CZ000194781921	VOD ZDISLAVICE	VANSTEIN	10	15 719	3,71	583	3,31	520	1 103	462
16	CZ000418862931	ZD CHYSKY	APORT	5	12 955	4,81	623	3,70	479	1 102	545
17	CZ000387413921	VOD ZDISLAVICE	CARDIFF	3	15 181	3,73	567	3,47	527	1 094	327
18	CZ000340094921	VOD ZDISLAVICE	VIGOR	5	13 965	4,41	616	3,42	477	1 093	352
19	CZ000387422921	VOD ZDISLAVICE	VALFIN JB	3	14 038	4,25	597	3,48	488	1 085	383
20	CZ000387210921	VOD ZDISLAVICE	UTRILLO	4	14 994	3,85	577	3,38	507	1 084	341
21	CZ000558355931	ZD CHYSKY	BURAK	4	14 699	3,95	580	3,40	500	1 080	466
22	CZ000291078952	VOLANICKA ZEMEDELSKA	VANADIN	5	13 973	4,05	566	3,65	510	1 076	326
23	CZ000319536952	VOLANICKA ZEMEDELSKA	LECH	3	14 338	4,22	605	3,28	471	1 076	340
24	CZ000610927961	AGRO-STONAROV DRUZS.	WILLE	3	14 325	4,15	594	3,28	470	1 064	381
25	CZ000337718952	VOLANICKA ZEMEDELSKA	MAX	3	14 407	4,03	580	3,33	480	1 060	338
26	CZ000415690921	VOD ZDISLAVICE	CASIMIR	2	13 955	3,89	543	3,68	514	1 057	354
27	CZ000644678931	ZEMSPOL DESNA, S.R.O	GITAR	2	13 726	4,28	587	3,42	469	1 056	644
28	CZ000339957921	VOD ZDISLAVICE	GIRADELI	5	14 332	4,07	583	3,27	468	1 051	438
29	CZ000596354931	ZD CHYSKY	GALILEO	3	14 250	3,87	551	3,50	499	1 050	450
30	CZ000349543921	VOD ZDISLAVICE	APPOLO JB	5	13 701	4,09	560	3,58	490	1 050	388
31	CZ000349591921	VOD ZDISLAVICE	WILLENBERG	5	15 268	3,55	542	3,32	507	1 049	324
32	CZ000338534921	ZD KRASNA HORA A.S.	EROGEN	5	14 433	3,81	550	3,44	497	1 047	520
33	CZ000618761961	ZD NOVE MESTO, DRUZS.	HELCAT	2	13 503	4,13	558	3,61	487	1 045	419
34	CZ000385577921	ZAS UZICE A.S.	LENNON	3	14 557	3,87	564	3,30	480	1 044	432
35	CZ000488324931	ROD.FARMA-DVORAK	APORT	4	11 824	5,18	612	3,65	432	1 044	357
36	CZ000233224962	AGROSPOL AD KNINICE	GALILEO	3	13 388	4,15	556	3,63	486	1 042	402
37	CZ000387353921	VOD ZDISLAVICE	VALFIN JB	4	13 544	3,92	531	3,76	509	1 040	341
38	CZ000285461952	ZAS MZANY A.S.	ZAUBER	4	12 778	4,73	605	3,39	433	1 038	531
39	CZ000385606921	ZAS UZICE A.S.	GITAR	3	13 894	3,86	537	3,60	500	1 037	403
40	CZ000607041961	PROAGRO R.SVRATKA AS	HELDERBERG	3	13 019	4,34	565	3,63	472	1 037	377
41	CZ000304523953	ZEPO A.S. LESTINA	VALFIN JB	4	13 032	4,22	550	3,72	485	1 035	482
42	CZ000589871961	SKOL.STATEK HUMPOLEC	SAMPRO	4	13 704	3,94	540	3,59	492	1 032	378
43	CZ000292777971	HD URCICE, DRUZSTVO	GOLLI	3	13 077	4,16	544	3,71	485	1 029	366
44	CZ000577680961	ZD NOVE MESTO, DRUZS.	LG	3	12 320	4,25	523	4,09	504	1 027	345
45	CZ000531041961	VOD SIDLEM V KAMENE	ZAPFHAHN	4	12 542	4,35	546	3,84	481	1 027	440
46	CZ000655371961	ZAS KRUCEMBURK	ELASTAR	2	13 551	3,73	506	3,84	520	1 026	391
47	CZ000444942921	VOD ZDISLAVICE	CARDIFF	2	12 820	4,36	559	3,63	466	1 025	344
48	CZ000531591931	ZOD BOROVSANY	GRAY	4	13 185	4,19	553	3,56	469	1 022	329
49	CZ000368706953	ZEMEDELSKA A.S.	ZAXON	3	14 454	3,54	511	3,51	507	1 018	328
50	CZ000276362971	HD URCICE, DRUZSTVO	GOLLI	4	12 575	4,45	560	3,64	458	1 018	393

6. Artificial insemination

6.1. Proportion of the first and all inseminations in different breeds



6.2. Numbers and proportion of inseminations by semen of Czech and imported bulls



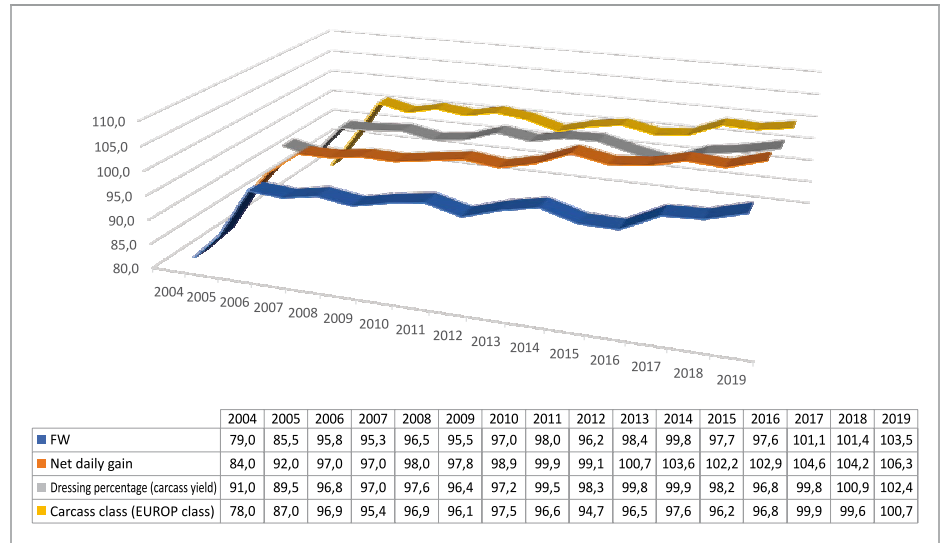
6.3. Breeding bulls with the highest number of inseminations

Name	Category	1 st ins.	All ins.	GZW	MW	FW	Country
MAGNUM	Proven bull	7 727	14 000	123	127	95	CZ
HARIBO	Proven bull	5 534	10 921	127	123	98	DEU
MESIAS	Proven bull	5 352	10 722	126	126	105	CZ
ROLLS	Young bull	4 924	8 925	136	121	108	CZ
HERMELIN	Young bull	3 872	7 860	130	134	106	DEU
VERMEER	Proven bull	4 036	7 836	126	125	97	DEU
MANAUS	Young bull	3 909	7 463	137	135	105	DEU
WHAT ELSE	Young bull	3 348	6 187	130	125	109	DEU
IMST	Young bull	3 199	5 937	120	117	108	DEU
VARTA	Proven bull	2 978	5 808	131	119	118	DEU
WAVE	Young bull	2 328	4 863	125	126	105	DEU
SISYPHUS	Proven bull	2 178	4 194	140	120	118	DEU
HYBRID	Young bull	2 268	4 153	122	120	107	DEU
HURLY	Proven bull	1 970	3 296	130	114	114	DEU
NJOWA	Proven bull	1 657	3 289	117	109	105	CZ
POMAR	Young bull	1 815	3 235	122	121	106	CZ
MOGUL	Proven bull	1 681	3 189	111	112	96	CZ
SEMTEX	Young bull	1 611	3 085	124	121	111	CZ
HAWAI	Young bull	1 484	2 825	119	116	110	DEU
NOBEL	Proven bull	1 148	2 679	117	122	99	CZ
MYSTERIUM	Young bull	1 326	2 510	133	116	112	DEU
ORST	Young bull	878	2 491	115	115	92	CZ
VOLLGAS	Proven bull	1 274	2 397	121	116	101	DEU
WOBBLER	Proven bull	1 304	2 384	127	114	113	DEU
HELIKON	Young bull	965	1 657	138	128	110	DEU

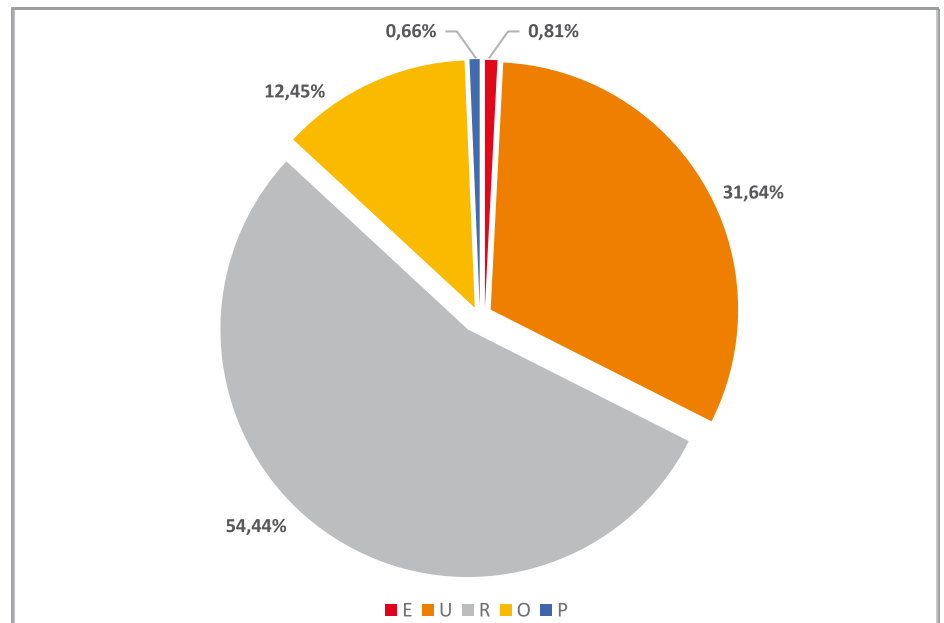




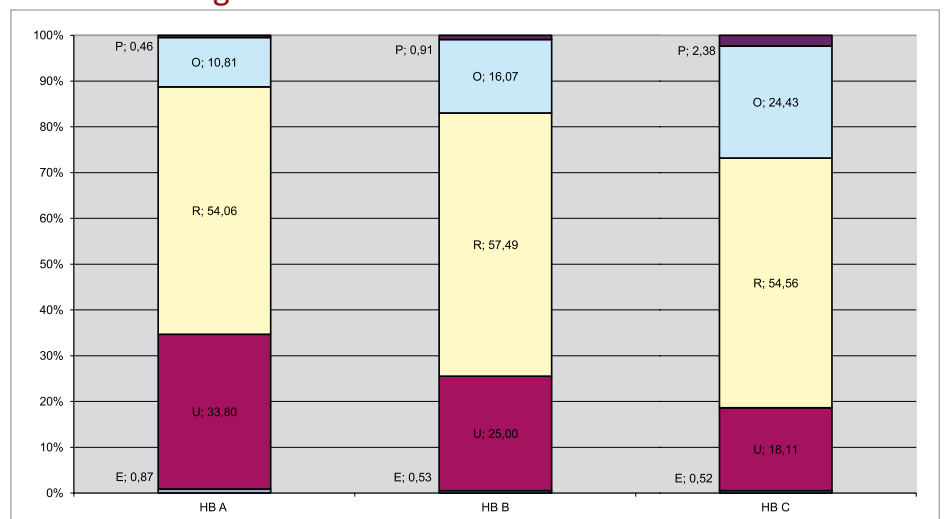
7. Genetic trend of beef production of young bulls



7.1. Czech Fleckvieh slaughter bulls divided by EUROP system



7.2. SEUROP classes of Czech Fleckvieh slaughter bulls according to HB sections



8. Cows with the highest lifetime yield

Rank	Breeder	Cow	No. of lact.	Milk Kg	F %	F kg	P %	P kg	F + P kg
1	VOD ZDISLAVICE	CZ 194781 921	11	144 789	3,81	4 945	3,38	4 386	9 331
2	AGRODR. NACERADEC	CZ 108059 921	12	141 481	3,88	4 648	3,38	4 044	8 692
3	ZD BELCICE	CZ 186697 931	11	127 208	4,29	4 588	3,59	3 838	8 426
4	ZD NOVA VES - VISKA	CZ 223786 961	11	118 257	3,27	3 381	3,12	3 218	6 599
5	ZD NOVA VES - VISKA	CZ 223816 961	12	117 329	3,64	4 260	3,35	3 914	8 174
6	ZD KRASNA HORA A.S.	CZ 155191 921	12	116 764	3,77	3 997	3,47	3 672	7 669
7	ZD VLASTNIKU STEDRA	CZ 114360 507	16	116 598	3,45	3 910	3,46	3 922	7 832
8	VOD SIDLEM V KAMENE	CZ 305327 961	10	114 324	4,17	4 006	3,53	3 387	7 393
9	ZD NOVA VES - VISKA	CZ 176686 961	11	114 277	3,36	3 619	3,21	3 460	7 079
10	ZD NOVA VES - VISKA	CZ 296877 961	11	113 082	3,37	3 558	3,34	3 528	7 086
11	DVPM SLAVIKOV	CZ 273312 961	11	112 148	3,48	3 448	3,20	3 174	6 622
12	DS AGRO KOSTALOV S.R	CZ 118237 508	15	110 631	4,31	4 410	3,45	3 529	7 939
13	AGRA BREZNICE A.S.	CZ 033079 931	11	109 849	3,77	3 724	3,52	3 481	7 205
14	ZD KRASNA HORA A.S.	CZ 200406 921	11	109 762	3,82	3 823	3,46	3 458	7 281
15	AGRODR. NACERADEC	CZ 225294 921	9	109 513	3,95	3 957	3,28	3 289	7 246
16	ZD BELCICE	CZ 236188 931	11	107 954	3,66	3 721	3,40	3 464	7 185
17	ZD VELKA LOSENICE	CZ 345515 961	10	107 584	4,05	3 996	3,35	3 309	7 305
18	VIKA KAMENICNA A.S.	CZ 166348 953	11	107 554	3,66	3 617	3,39	3 350	6 967
19	HD URCICE, DRUZSTVO	CZ 161936 971	11	107 218	3,89	4 016	3,50	3 611	7 627
20	RODINNA FARMA SUCHY	CZ 139229 942	9	107 078	3,38	3 135	3,55	3 295	6 430
21	ZD BELCICE	CZ 279913 931	9	105 981	3,79	3 358	3,38	3 000	6 358
22	NAHORANSKA A.S.	CZ 182765 952	10	105 970	3,79	3 755	3,39	3 353	7 108
23	ZAS MZANY A.S.	CZ 143730 952	11	105 892	4,13	3 872	3,56	3 331	7 203
24	AGRO LIBOMERICE A.S.	CZ 218005 953	9	105 555	3,24	3 203	3,27	3 232	6 435
25	PROAGRO R.SVRATKA AS	CZ 403978 961	8	105 539	3,57	3 545	3,17	3 152	6 697
26	AGRIS JEDOVNICE SRO	CZ 115021 962	13	105 393	3,51	3 390	3,44	3 318	6 708
27	PROAGRO R.SVRATKA AS	CZ 401337 961	9	105 161	3,74	3 428	3,23	2 968	6 396
28	AGROSPOL VOD	CZ 234061 921	9	105 003	3,56	3 470	3,23	3 150	6 620
29	ZOD CASLAVICE, DRUZS.	CZ 184218 961	10	104 966	3,91	3 473	3,58	3 181	6 654
30	ZD POPELIN	CZ 175039 931	13	104 904	3,96	4 110	3,42	3 554	7 664
31	NAHORANSKA A.S.	CZ 177697 952	11	104 351	3,76	3 494	3,50	3 246	6 740
32	ZOD DEJAS	CZ 164980 971	9	104 080	3,85	3 552	3,49	3 214	6 766
33	ZOS KACINA A.S.	CZ 158263 921	11	103 922	3,94	3 448	3,34	2 926	6 374
34	ZD KOUTY	CZ 300228 961	9	103 387	3,80	3 481	3,33	3 051	6 532
35	SOLVIT S.R.O.	CZ 201626 953	10	103 374	4,01	3 596	3,25	2 915	6 511
36	VOLANICKA ZEMEDELSKA	CZ 160498 952	12	103 284	4,29	4 364	3,35	3 410	7 774
37	ZEOS LOMNICE A.S.	CZ 103070 951	13	103 161	4,37	4 341	3,39	3 367	7 708
38	AGRA BREZNICE A.S.	CZ 301567 931	10	102 762	3,59	3 454	3,15	3 027	6 481
39	ZOS KACINA A.S.	CZ 147168 921	10	102 150	3,70	3 187	3,44	2 959	6 146
40	ZD DOBRA VODA	CZ 161766 952	11	101 780	4,68	4 445	3,61	3 426	7 871
41	ZD NOVA VES - VISKA	CZ 255179 961	11	101 466	3,49	3 458	3,44	3 415	6 873
42	AGRO ROZSOCHY A.S.	CZ 275979 961	11	101 170	3,64	3 573	3,31	3 246	6 819
43	ZD KRASNA HORA A.S.	CZ 200536 921	10	100 968	3,48	3 226	3,31	3 073	6 299
44	SOLVIT S.R.O.	CZ 101896 506	11	100 956	4,12	3 716	3,43	3 090	6 806
45	VSV, A.S. VRACOV	CZ 108664 962	13	100 859	3,99	3 764	3,18	3 001	6 765
46	GENAGRO RICANY, A.S.	CZ 121952 962	12	100 851	4,25	3 710	3,49	3 046	6 756
47	ZD DOBRA VODA	CZ 161742 952	10	100 504	3,65	3 362	3,09	2 847	6 209
48	ZD MORAVAN-PROSTEJOV	CZ 132921 971	9	100 352	3,66	2 783	3,22	2 449	5 232
49	ZOD CIVENICE	CZ 274386 931	9	100 044	3,77	3 274	3,57	3 100	6 374
50	ZD BELCICE	CZ 279962 931	10	99 942	4,00	3 509	3,50	3 068	6 577
51	AGD KACICE, S.R.O.	CZ 235957 921	8	99 888	3,53	3 032	3,24	2 784	5 816
52	ZDOBNICE A.S.	CZ 158566 952	10	99 555	4,11	3 625	3,36	2 964	6 589
53	ZD BELCICE	CZ 335656 931	9	98 403	3,96	3 673	3,58	3 317	6 990
54	PETR VOMACKA	CZ 236278 953	8	97 996	3,59	2 957	3,29	2 714	5 671
55	AGRO-STONAROV DRUZS.	CZ 368991 961	8	97 959	3,99	3 074	3,42	2 638	5 712