

<u>Field</u>	<u>Content</u>	<u>Length</u>	<u>Type</u>	<u>Position</u>	<u>Comments</u>
1	REGISTRATION NUMBER	18	A/N	1 - 18	NOTE 3
2	REGISTERED NAME	40	A/N	20 - 59	
3	BIRTH DATE	8	D	61 - 68	
4	FIRST GENOMIC EVALUATION DATE	8	D	70 - 77	
5	PANEL DENSITY	2	A/N	79 - 80	NOTE 10
6	CANADIAN OWNED	1	A/N	82 - 82	
7	OWNER PREFIX	25	A/N	84 - 108	
8	MULTIPLE OWNER FLAG	1	A/N	110 - 110	
9	COLOUR CODE	3	A/N	112 - 114	NOTE 6
10	CARRIER CODE FOR TRADITIONAL RED	5	A/N	116 - 120	NOTE 6
11	CARRIER CODE FOR POLLED	5	A/N	122 - 126	NOTE 6
12	CARRIER CODE OR PROBABILITY FOR BRACHYSPINA	5	A/N	128 - 132	NOTE 6
13	CARRIER CODE OR PROBABILITY FOR CVM	5	A/N	134 - 138	NOTE 6
14	CARRIER CODE OR PROBABILITY FOR HCD	5	A/N	140 - 144	NOTE 11
15	CARRIER PROBABILITY FOR HAPLOTYPE 1	5	A/N	146 - 150	NOTE 11
16	CARRIER PROBABILITY FOR HAPLOTYPE 2	5	A/N	152 - 156	NOTE 11
17	CARRIER PROBABILITY FOR HAPLOTYPE 3	5	A/N	158 - 162	NOTE 11
18	CARRIER PROBABILITY FOR HAPLOTYPE 4	5	A/N	164 - 168	NOTE 11
19	CARRIER PROBABILITY FOR HAPLOTYPE 5	5	A/N	170 - 174	NOTE 11
20	SIRE REGISTRATION NUMBER	18	A/N	176 - 193	NOTE 3
21	SIRE NAME	30	A/N	195 - 224	
22	SIRE SHORT NAME	15	A/N	226 - 240	NOTE 1
23	DAM REGISTRATION NUMBER	18	A/N	242 - 259	NOTE 3
24	DAM NAME	30	A/N	261 - 290	
25	MGS REGISTRATION NUMBER	18	A/N	292 - 309	NOTE 3
26	MGS NAME	30	A/N	311 - 340	
27	MGS SHORT NAME	15	A/N	342 - 356	NOTE 1
28	INBREEDING COEFFICIENT (%INB)	5	N	358 - 362	NOTE 2
29	RELATIONSHIP VALUE (R-VALUE)	2	N	364 - 365	NOTE 2
30	CURRENT PROCESSING CENTER	2	A/N	367 - 368	
31	CURRENT PROVINCE CODE	2	A/N	370 - 371	
32	CURRENT HERD NUMBER	5	A/N	373 - 377	
33	DHI COMPUTER NUMBER	5	A/N	379 - 383	
34	BARN NAME	10	A/N	385 - 394	
35	DHI VISIBLE ID (CHAIN NUMBER)	6	A/N	396 - 401	
36	ACTIVE COW FLAG and GENOTYPE INDICATOR	1	A/N	403 - 403	NOTE 9
37	LPI OFFICIAL CODE	1	N	405 - 405	NOTE 7
38	RELIABILITY FOR LPI	2	N	407 - 408	
39	LPI	5	N	410 - 414	
40	LPI PRODUCTION COMPONENT	5	N	416 - 420	
41	LPI DURABILITY COMPONENT	5	N	422 - 426	
42	LPI HEALTH & FERTILITY COMPONENT	5	N	428 - 432	
43	PRO\$	5	N	434 - 438	
44	PRODUCTION OFFICIAL CODE	1	N	440 - 440	
45	RELIABILITY FOR PRODUCTION	2	N	442 - 443	NOTE 7
46	EBV MILK KG	5	N	445 - 449	
47	EBV FAT KG	4	N	451 - 454	
48	EBV PROTEIN KG	4	N	456 - 459	
49	EBV FAT PERCENT	5	N	461 - 465	NOTE 2
50	EBV PROTEIN PERCENT	5	N	467 - 471	NOTE 2
51	RELIABILITY (HL)	2	N	473 - 474	
52	HL RATING (PEDIGREE INDEX)	3	N	476 - 478	
53	RELIABILITY (SCS)	2	N	480 - 481	
54	SCS RATING	4	N	483 - 486	NOTE 2
55	RELIABILITY (MR)	2	N	488 - 489	
56	MR RATING (PEDIGREE INDEX)	3	N	491 - 493	
57	RELIABILITY (MDR)	2	N	495 - 496	
58	MDR RATING (PEDIGREE INDEX)	3	N	498 - 500	
59	RELIABILITY (LP)	2	N	502 - 503	
60	LP RATING (PEDIGREE INDEX)	3	N	498 - 500	
61	RELIABILITY (DF)	2	N	502 - 503	
62	DF RATING (PEDIGREE INDEX)	3	N	505 - 507	
63	RELIABILITY (MSP)	2	N	509 - 510	
64	MSP RATING (PEDIGREE INDEX)	3	N	512 - 514	
65	RELIABILITY (MT)	2	N	516 - 517	
66	MT RATING (PEDIGREE INDEX)	3	N	519 - 521	
67	RELIABILITY (CA)	2	N	523 - 524	
68	CA RATING (PEDIGREE INDEX)	3	N	526 - 528	
69	RELIABILITY (DCA)	2	N	530 - 531	
70	DCA RATING (PEDIGREE INDEX)	3	N	533 - 535	
71	RELIABILITY (BCS)	2	N	537 - 538	
72	BCS RATING (PEDIGREE INDEX)	3	N	540 - 542	
73	CONFORMATION OFFICIAL CODE	1	N	544 - 544	NOTE 7
74	RELIABILITY FOR CONFORMATION	2	N	546 - 547	
75	EBV CONFORMATION	3	N	549 - 551	
76	MAMMARY SYSTEM	3	N	553 - 555	
77	FEET & LEGS	3	N	557 - 559	
78	DAIRY STRENGTH	3	N	561 - 563	

<u>Field</u>	<u>Content</u>	<u>Length</u>	<u>Type</u>	<u>Position</u>	<u>Comments</u>
79	RUMP	3	N	565 - 567	
80	UDDER DEPTH	2	N	569 - 570	
81	UDDER DEPTH ALPHA	1	A/N	572 - 572	NOTE 5
82	UDDER TEXTURE	3	N	574 - 576	
83	MEDIAN SUSPENSORY	3	N	578 - 580	
84	FORE ATTACHMENT	3	N	582 - 584	
85	FORE TEAT PLACEMENT	2	N	586 - 587	
86	FORE TEAT PLACEMENT ALPHA	1	A/N	589 - 589	NOTE 5
87	REAR ATTACHMENT HEIGHT	3	N	591 - 593	
88	REAR ATTACHMENT WIDTH	3	N	595 - 597	
89	REAR TEAT PLACEMENT	2	N	599 - 600	
90	REAR TEAT PLACEMENT ALPHA	1	A/N	602 - 602	NOTE 5
91	TEAT LENGTH	2	N	604 - 605	
92	TEAT LENGTH ALPHA	1	A/N	607 - 607	NOTE 5
93	FOOT ANGLE	3	N	609 - 611	
94	HEEL DEPTH	3	N	613 - 615	
95	BONE QUALITY	3	N	617 - 619	
96	REAR LEG SIDE VIEW	2	N	621 - 622	
97	REAR LEG SIDE VIEW ALPHA	1	A/N	624 - 624	NOTE 5
98	SET OF REAR LEGS (DESIRABILITY)	3	N	626 - 628	
99	REAR LEG REAR VIEW	3	N	630 - 632	
100	STATURE	3	N	634 - 636	
101	HEIGHT AT FRONT END	3	N	638 - 640	
102	CHEST WIDTH	3	N	642 - 644	
103	BODY DEPTH	3	N	646 - 648	
104	ANGULARITY	3	A/N	650 - 652	
105	LOIN STRENGTH	3	N	654 - 656	
106	RUMP ANGLE	2	N	658 - 659	
107	RUMP ANGLE ALPHA	1	A/N	661 - 661	NOTE 5
108	PIN SETTING (DESIRABILITY)	3	N	663 - 665	
109	PIN WIDTH	3	N	667 - 669	
110	THURL PLACEMENT	2	N	671 - 672	
111	THURL PLACEMENT - ALPHA	1	A/N	674 - 674	NOTE 5
112	RELEASE DATE	8	D	676 - 683	

FIELD CODES:

A/N	ALPHANUMERIC FIELD
D	DATE FIELD(YYYYMMDD)
N	NUMERIC FIELD

GENERAL: FIELDS WITH MISSING VALUES ARE LEFT BLANK.

CSV - FIXED LENGTH RECORD. END OF RECORD CONTAINS ';'.

NOTE 1: SHORT NAMES WILL ONLY APPEAR WHEN AVAILABLE FROM THE CDN DATABASE. SHORT NAMES FOR BULLS MUST BE PROVIDED BY THE BULL OWNER.

NOTE 2: THE FIELD CONTAINS A VALUE WITH 2 DECIMAL PLACES. THE ACTUAL "." CHARACTER IS STORED IN THE FILE

NOTE 3: FIELD MADE UP OF FOUR COMPONENTS: BREED CODE(2), COUNTRY CODE(3), SEX CODE(1), REGISTRATION NUMBER(12)

CODES:

SEE "DATA EXCHANGE SYSTEM CODES - BREED AND NATION CODES"  
 CDN Website - Data Files - Layouts

REGISTRATION NUMBER:

THE UNIQUE IDENTIFICATION NUMBER ASSIGNED TO THE ANIMAL  
 ; REGISTRATION NUMBER WILL BE LEFT JUSTIFIED IN THE FIELD.

NOTE 4: SIGN FIELD IS EITHER BLANK OR '-' (NEGATIVE)

NOTE 5: ALPHA CODES ARE NOW INCLUDED IN THE FILE AS AN ALPHA CHARACTER AND DO NOT REQUIRE DECODING  
 ALPHA CHARACTER DESCRIPTIONS REMAIN UNCHANGED FROM PREVIOUS DESCRIPTIONS:  
 RUMP ANGLE CODES: H < 0, L > 0  
 REAR LEGS SIDE VIEW CODES: S < 0, C > 0  
 UDDER DEPTH CODES: D < 0, S > 0  
 FRONT TEAT LENGTH CODES: S < 0, L > 0  
 FRONT TEAT PLACEMENT AND REAR TEAT PLACEMENT CODES: W < 0, C > 0  
 THURL PLACEMENT CODES: B < 0, A > 0

NOTE 6: SEE "DATA EXCHANGE SYSTEM CODES"  
 CDN Website - Data Files - Layouts

NOTE 7: 0 UNOFFICIAL  
 1 OFFICIAL  
 2 PARENT AVERAGE  
 3 MACE CONVERTED  
 4 MANAGEMENT PARENT AVERAGE

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5	INTERNATIONAL GENOMIC INDEX (IGI)				
NOTE 8:	THE FIELD CONTAINS A VALUE WITH 1 DECIMAL PLACE. THE ACTUAL "." CHARACTER IS STORED IN THE FILE				
NOTE 9:	ACTIVE COW FLAG - Combined to indicate GENOMIC content				
	0 NOT ACTIVE				
	1 ACTIVE				
	2 NOT ACTIVE and GENOTYPED				
	3 ACTIVE and GENOTYPED				
	<i>GENOTYPED indicates breeding values include GENOMIC information</i>				
NOTE 10:	LD LESS THAN 50K				
	MD 50K OR HIGHER BUT NOT HD				
	HD 600K OR HIGHER				
NOTE 11:	HCD - HOLSTEIN ONLY				
	HAPLOTYPE 1 - HOLSTEIN, AYRSHIRE, JERSEY, BROWN SWISS				
	HAPLOTYPE 2 - HOLSTEIN, JERSEY, BROWN SWISS				
	HAPLOTYPE 3 - HOLSTEIN ONLY				
	HAPLOTYPE 4 - HOLSTEIN ONLY				
	HAPLOTYPE 5 - HOLSTEIN ONLY				