

# Data Exchange System

## Lactation Record Layout

EFFECTIVE APRIL 2012

<u>Field</u>	<u>Content</u>	<u>Length</u>	<u>Type</u>	<u>Position</u>	<u>Comments</u>
1	SPECIES	1	A/N	1 - 1	NOTE 2
2	BREED CODE	2	A	2 - 3	NOTE 1
3	NATION CODE	3	A	4 - 6	NOTE 1
4	SEX CODE	1	A	7 - 7	
5	REGISTRATION NUMBER	12	A/N	8 - 19	
6	SIRE BREED CODE	2	A	20 - 21	NOTE 1
7	SIRE NATION CODE	3	A	22 - 24	NOTE 1
8	SIRE SEX CODE	1	A	25 - 25	
9	SIRE REGISTRATION NUMBER	12	A/N	26 - 37	
10	DAM BREED CODE	2	A	38 - 39	NOTE 1
11	DAM NATION CODE	3	A	40 - 42	NOTE 1
12	DAM SEX CODE	1	A	43 - 43	
13	DAM REGISTRATION NUMBER	12	A/N	44 - 55	
14	BIRTH DATE	8	D	56 - 63	YYYYMMDD
15	PROCESSING CENTRE	2	A/N	64 - 65	NOTE 2
16	HERD PROVINCE CODE	2	A/N	66 - 67	NOTE 2
17	DHI HERD NUMBER	5	A/N	68 - 72	ex. 00123
18	DHI COW COMPUTER NUMBER	5	A/N	73 - 77	
19	LACTATION START DATE	8	A/N	78 - 85	YYYYMMDD
20	LACTATION END DATE	8	A/N	86 - 93	YYYYMMDD
21	LACTATION END REASON CODE	2	D	94 - 95	NOTE 2
22	LACTATION NUMBER	2	N	96 - 97	
23	DAYS IN MILK	4	D	98 - 101	
24	MOST RECENT TEST DAY MILK YIELD	5	D	102 - 106	ex. 27.5 - NOTE 3
25	LAST RECORDED BREEDING DATE IN	8	A/N	107 - 114	YYYYMMDD
26	NUMBER OF DAYS DRY BEFORE START	4	A/N	115 - 118	
27	ACTUAL OR PROJECTED INDICATOR	1	A/N	119 - 119	A OR P - NOTE 4
28	305-DAY MILK YIELD (KG)	5	N	120 - 124	
29	305-DAY MILK - LACTATION RATING	3	N	125 - 127	
30	305-DAY FAT YIELD (KG)	4	N	128 - 131	
31	305-DAY FAT - LACTATION RATING	3	N	132 - 134	
32	305-DAY PROTEIN YIELD (KG)	4	N	135 - 138	
33	305-DAY PROTEIN - LACTATION RATING	3	N	139 - 141	
34	365-DAY MILK YIELD (KG)	5	N	142 - 146	
35	365-DAY FAT YIELD (KG)	4	N	147 - 150	
36	365-DAY PROTEIN YIELD (KG)	4	N	151 - 154	
37	LACTATION TO DATE MILK YIELD (KG)	5	N	155 - 159	
38	LACTATION TO DATE FAT YIELD (KG)	4	N	160 - 163	
39	LACTATION TO DATE PROTEIN YIELD (KG)	4	N	164 - 167	
40	BCA MILK	5	N	168 - 172	ex. 123
41	BCA FAT	4	N	173 - 176	ex. 123
42	BCA PROTEIN	4	N	177 - 180	ex. 123
43	MILK BCA DEVIATION RBHA	4	N	181 - 184	ex. +12 - NOTE 5
44	FAT BCA DEVIATION RBHA	4	N	185 - 188	ex. +12 - NOTE 5

45	PROTEIN BCA DEVIATION RBHA	4	N	189 - 192	ex. +12 - NOTE 5
46	HIGHEST MILKING FREQUENCY IN CURRENT LACTATION	3	N	193 - 195	NOTE 2
47	TOTAL TESTS IN LACTATION 305 DIM	3	N	196 - 198	UP TO 305 DIM
48	TOTAL SUPERVISED TESTS IN LACTATION 305 DIM	3	N	199 - 201	UP TO 305 DIM
49	NO BCA STATUS CODE	2	A/N	202 - 203	NOTE 2
50	LACTATION PUBLICATION STATUS	1	N	204 - 204	0 - NOT ELIGIBLE 1 - ELIGIBLE
51	OXYTOCIN OCCURRENCES DURING LACTATION	3	N	205 - 207	UP TO 305 DIM
52	SOMATIC CELL SCORE	4	N	208 - 211	NOTE 3
53	SOMATIC CELL COUNT	5	N	212 - 216	
54	RECORD CREATION DATE	8	D	217 - 224	YYYYMMDD

FIELD CODES:

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

NOTE 1: SEE "DATA EXCHANGE SYSTEM CODES - BREED AND NATION CODES"  
CDN Website - Data Files - Layouts

NOTE 2: SEE "DATA EXCHANGE SYSTEM CODES - SYSTEM CODES"  
CDN Website - Data Files - Layouts

NOTE 3: The field contains a value with 1 decimal place. The actual "." character is stored in the field

NOTE 4: Actual or Projected indicator  
A - if terminated date exists, or days in milk (DIM) > 304 and last test not questioned  
P - if no terminated date and DIM < 305

NOTE 5: deviation RBHA:  
"0" or "+/-" - calculated deviation  
The field contains a value with signs  
The actual "+" or "-" is stored in the field  
The value and sign will be right justified