

## Data Exchange System

### Insemination Record Layout

Organizations should use this layout to supply Insemination Information to the Canadian Dairy Exchange System

<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	1
2		BREED CODE	2	A	2 - 3	EG. HO
3		NATION CODE	3	A	4 - 6	EG. CAN
4	ANIMAL	SEX CODE	1	A	7 - 7	F
5		REGISTRATION NUMBER	12	A/N	8 - 19	NOTE 1
6		BIRTH DATE	8	D	20 - 27	YYYYMMDD
7		ANIMAL NAME/SHORT NAME	30	A/N	28 - 57	
8		VIRGIN HEIFER FLAG	1	A/N	58 - 58	Y OR N
9		VISIBLE ID	15	A/N	59 - 73	TAG / TATTOO
10		AI /AGENCY HERD ID	10	A/N	74 - 83	NOTE 2
11	HERD	AI CENTER/AGENCY	3	A/N	84 - 86	NOTE 3
12		DHI AGENCY CODE	2	A/N	87 - 88	SEE DES CODES AGENCY_ID
13		DHI PROCESSING CENTRE	2	A/N	89 - 90	SEE DES CODES PROCESS_CENTRE
14		PROVINCE CODE	2	N	91 - 92	SEE DES CODES PROV_CD
15		DHI HERD NUMBER	5	N	93 - 97	MOST ACTIVE NUMBER
16		STUD CODE	4	N	98 - 101	EG. 0039
17		BULL NUMBER	5	N	102 - 106	EG. 00246
18	SERVICE SIRE	SIRE BREED CODE	2	A/N	107 - 108	EG. HO
19		SIRE NATION CODE	3	A	109 - 111	EG. CAN
20		SIRE SEX CODE	1	A	112 - 112	M
21		SIRE REGISTRATION NUMBER	12	A/N	113 - 124	NOTE 1
22		SIRE BIRTH DATE	8	D	125 - 132	YYYYMMDD
23		SEMEN BATCH (DATE)	9	A/N	133 - 141	NOTE 4
24		SEMEN COST (INCLUDE DECIMAL)	7	N	142 - 148	SEMEN RETAIL PRICE (EG.
25	SERVICE INFO	EMBRYO SERVICE	1	A/N	149 - 149	Y/N ( Y- DONOR BREEDING)
26		SERVICE DATE	8	D	150 - 157	YYYYMMDD
27		TYPE OF SERVICE	1	A/N	158 - 158	NOTE 5
28		SERVICE NUMBER	2	N	159 - 160	
29		AI / FARM ACCREDITATION #	8	A/N	161 - 168	NOTE 6 (EG. ONAI1234)
30		AI TECHNICIAN #	6	A/N	169 - 174	NOTE 2
31		BREEDING CERTIFICATE #	12	A/N	175 - 186	NOTE 2
32	PREVIOUS BREEDING	PREV SIRE BREED CODE	2	A/N	187 - 188	HO
33		PREV SIRE NATION CODE	3	A/N	189 - 191	CAN
34		PREV SIRE SEX CODE	1	A	192 - 192	M
35		PREV SIRE REGISTRATION	12	A/N	193 - 204	SEE NOTE 1
36		PREV BREEDING DATE	8	D	205 - 212	YYYYMMDD
37		CREATION DATE	8	D	213 - 220	YYYYMMDD (DATE SENT)
38		TRANSACTION TYPE	1	A/N	221 - 221	A = ADD, D = DELETE

FIELD CODES:

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

NOTE 1: REGISTRATION NUMBERS - LEFT JUSTIFIED IN THE REGISTRATION NUMBER FIELD WITH NO LEADING ZEROS OR BLANKS

NOTE 2: ALPHANUMERIC FIELDS (A/N) - LEFT JUSTIFIED WITH NO LEADING ZERO'S OR BLANKS

NOTE 3: 015 ST. JACOBS ABC/ABS CANADA  
016 ADVANCE GENETICS  
017 ALTA GENETICS INC.  
018 WESTGEN  
019 SEMEX ALLIANCE  
020 CIAQ  
021 GENERVATIONS  
022 EBI  
023 GENCOR  
024 SELECT SIRES

NOTE 4: SEMEN BATCH - CAN BE A A/N CODE OR DATE (CANADA USES DATE: YYYYMMDD)

NOTE 5: TYPE OF SERVICE

T - AI TECHNICIAN  
H - AI HERD OWNER  
N - NATURAL  
E - EMBRYO TRANSFER (ANIMAL IS RECIPIENT)  
P - PASTURE BRED (UNSUPERVISED BREEDING)

NOTE 5: AI / FARM ACCREDITATION NUMBER ISSUED BY JDBC

EG. ONAI1234

ON = 2 DIGIT ALPHA PROVINCE CODE  
AI = AI OR OF = ON FARM  
1234 = NUMBER ASSIGNED