

Data Exchange System

Insemination Layout

File Purpose: DES will use this layout to distribute insemination data to Breed Associations.

	Content		Length	Field type	Position	Comments
1	Animal	Species	1	A/N		1 = Bovine
2		Status	1	A/N		I = Identified animal U = Unidentified animal
3		Breed Code	2	A/N		eg. HO
4		Country Code	3	A/N		eg. CAN
5		Sex Code	1	A/N		F
6		Registration number	12	A/N		1234567890 (See note 1)
7		Birth Date (reported)	8	D		YYYYMMDD As sent from source
8		Name (reported)	35	A/N		As sent from source
9		Visible Identification	15	A/N		Tag or tattoo As sent from source
10		Virgin Heifer	1	A/N		Y or N
11	Herd	Source Code	2	A/N		AI or MR
12		AI Herd Number	10	A/N		See Note 2
13		AI Agency Code	3	A/N		See Note 3
14		DHI Agency Code	2	A/N		See DES Codes Agency_ID
15		DHI Processing Centre	2	A/N		See DES Codes Process_Centre
16		DHI Province Code	2	A/N		See DES Codes Prov_cd
17		DHI Herd Number	5	A/N		Active DHI Number
18	Service Sire	Sire Breed Code	2	A/N		eg. HO
19		Sire Country Code	3	A/N		eg. CAN
20		Sire Sex Code	1	A/N		M
21		Sire Registration Number	12	A/N		1234567890 see (Note 1)
22		Sire Birth Date	8	D		YYYYMMDD As sent from source
23		Semen Stud Code	4	A/N		Eg. 0039
24		Semen Bull Number	5	A/N		12345
25		Semen Batch (Date)	9	A/N		See Note 4

26		Semen Cost	7.2	N		99999.99
27	Service Info	Insemination Date	8	D		YYYYMMDD
28		Insemination Number	2	N		99
29		Insemination Type Code	2	A/N		See note 5
30		Embryo Service	1	A/N		Y or N (Y = Donor Breeding)
31		Technician Number	6	A/N		See Note 2
32		Certificate Number	12	A/N		See Note 2
33		Accreditation Number	8	A/N		See Note 6
34	Previous Service	Previous Insemination Date	8	D		YYYYMMDD
35		Previous Sire Breed Code	2	A/N		eg. HO
36		Previous Sire Country Code	3	A/N		eg. CAN
37		Previous Sire Sex Code	1	A/N		M
38		Previous Sire Registration Number	12	A/N		1234567890
39	Calving Info	Previous Calving date	8	D		YYYYMMDD (Lactation Start Date)
40		Sex of calf	1	A/N		M or F (Calving Ease)
41		Record Date	8	D		YYYYMMDD (Date sent)

Field Codes: A/N- alphanumeric field
 D- date; YYYYMMDD
 N- numeric

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 Generations
 022 EBI
 023 Gencor
 024 Select Sires
 025 Universal Genetics

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 6: AI / Farm Accreditation number issued by JDBC

Eg. ONAI1234 ON = 2 digit alpha Province code

AI = AI **or** OF = On Farm

1234 = Number assigned