

## Data Exchange System

### Annual Herd Averages Layout

|    | Contents   | Length | Field Type | Position  | Comments                        |
|----|--|--------|------------|-----------|---------------------------------|
| 1  | DHI Agency code                                  | 2      | A/N        | 001 - 002 | See DES codes<br>AGENCY_ID      |
| 2  | Processing centre                                | 2      | A/N        | 003 - 004 | See DES codes<br>PROCESS_CENTRE |
| 3  | Province code                                    | 2      | A/N        | 005 - 006 | See DES codes<br>PROV_CD        |
| 4  | DHI Herd number                                  | 5      | A/N        | 007 - 011 |                                 |
| 5  | Summary year                                     | 4      | N          | 012 - 015 | YYYY                            |
| 6  | Future Use                                       | 2      | N          | 016 - 017 | zero filled                     |
| 7  | Total tests in year                              | 3      | N          | 018 - 020 |                                 |
| 8  | Total tests with components in year              | 3      | N          | 021 - 023 |                                 |
| 9  | Total supervised tests in year                   | 3      | N          | 024 - 026 |                                 |
| 10 | Activity code                                    | 1      | N          | 027 - 027 | 1 - active, 0 - terminated      |
| 11 | Future Use                                       | 3      | N          | 028 - 030 | zero filled                     |
| 12 | Breed code                                       | 2      | A          | 031 - 032 | e.g. HO - Note 1                |
| 13 | Future Use                                       | 33     | N          | 033 - 065 | zero filled                     |
| 14 | Total lactation records                          | 4      | N          | 066 - 069 |                                 |
| 15 | Total lactation records eligible for publication | 4      | N          | 070 - 073 |                                 |
| 16 | Avg. 305-day milk yield (kg)                     | 5      | N          | 074 - 078 |                                 |
| 17 | Avg. 305-day milk yield                          | 3      | N          | 079 - 081 |                                 |

|    |  |   |   |           |          |
|----|--|---|---|-----------|----------|
|    | lact rating                            |   |   |           |          |
| 18 | Avg. 305-day fat yield (kg)            | 4 | N | 082 - 085 |          |
| 19 | Avg. 305-day fat yield lact rating     | 3 | N | 086 - 088 |          |
| 20 | Avg. 305-day protein yield (kg)        | 4 | N | 089 - 092 |          |
| 21 | Avg. 305-day protein yield lact rating | 3 | N | 093 - 095 |          |
| 22 | Avg. BCA milk                          | 3 | N | 096 - 098 |          |
| 23 | Avg. BCA fat                           | 3 | N | 099 - 101 |          |
| 24 | Avg. BCA protein                       | 3 | N | 102 - 104 |          |
| 25 | Avg. ME milk (kg)                      | 5 | N | 105 - 109 |          |
| 26 | Avg. ME fat (kg)                       | 4 | N | 110 - 113 |          |
| 27 | Avg. ME protein (kg)                   | 4 | N | 114 - 117 |          |
| 28 | Record creation date                   | 8 | D | 118 - 125 | YYYYMMDD |

**Field Codes:** A/N alphanumeric field

D date field in a YYYYMMDD format

N numeric field

**Note 1:** breed code - one record for each breed

specific - each breed association will only receive records for their breed

herds - AI units will receive records for all breeds for authorized herds