

# Import Tool

## *Quick Guide*



**Companion to Cow Sense**

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## Introduction

Cow Sense users often have data in spreadsheets or other digital formats that may be used as a starting point for a new herd. Additionally, some may collect data through other means that they wish to bring into their Cow Sense herd records. The Import Tool provides a flexible and powerful means of incorporating data from these other sources into the Cow Sense herd.

There are three main uses of the Import Tool with Cow Sense:

- Add new Cows, Bulls, or Calves for a new herd
- Add new Cows, Bulls, or Calves for an existing herd
- Update Cow, Bull, or Calf records in an existing herd

Following are specific instructions about how to use the Import Tool to accomplish these tasks. Step-by-step instructions as well as data requirements are provided.

## Adding for a Herd Build

The Import Tool can be used to move data from a spreadsheet file into a new herd in Cow Sense. It matches fields in a spreadsheet with fields in Cow Sense so data can transfer straight into a Cow Sense herd. **Important!** In order for data from Cow, Bull, and Calf records to link together the data must be imported in the proper order – **Cow > Bulls > Calves**.

### Cows

- 1) Make sure data is useable
  - Data from a spread sheet needs to be saved in a Text (Tab delimited) (\*.txt) format
  - Remember what folder the file is being saved and the file name
  - Validations to consider
    - **There has to be a Cow ID**
    - **Cannot have duplicate ID's**
    - **There has to be a Birth date**
- 2) Create new herd in Cow Sense
  - File > New Herd
  - Enter a Herd File Name, Herd Name, and the Reporting Year
  - Make sure that herd is opened in Cow Sense
- 3) Set up form: Cows
  - Go to: Utilities>Transfer Data>Import>Import Tool
  - Change **Method** to *Add New*
  - Change **Table** to *Cows*

- Change **Header Row** to *Yes* if the first row on the spreadsheet is just an identification row. Change **Header Row** to *No* if the first row is cow information.
- 4) Locate Import File
- Make sure **Drives** is set to the correct one
  - Set **List files of Type:** to Text Files
  - Find the folder where the **Tab delimited text** file was created
  - Click on the file name so it appears in the **File name:** box
  - Click **Ok**
- 5) Match up Fields
- Click on the **Source Field** name that corresponds with a Cow ID
  - Click on the space in the **Import Field** column and next to **Cow ID**
  - With both of these fields highlighted click on the button with three arrows “>>>”
  - This has to be done with **Cow ID** and **Birth Date**. Other fields can also be matched accordingly to import data into Cow Sense.
- 6) Import Data
- Click the **Import Data** button
  - A screen will pop up to confirm the data from a file is being moved to Cow Sense.
  - A screen will pop up about the **Header Row** to confirm it is set correctly.
- 7) Issues with importing data
- If there is a problem during the import a log file will be created to document any errors that may have occurred. It is a good idea to rename this Text document as another name so it is possible to go back and see what was wrong with the data. Just do a **File>Save As** to change the name. It will be found in the Cow Sense folder.
  - If there are only a few errors it may be easier to resolve them in Cow Sense instead of using the Import Tool. For Example, a cow with a duplicate ID will not be recorded in Cow Sense. Once it is determined which cow was left out that cow could just be added in Cow Sense by **Enter Data>Cows>Enter Cows**.

## Bulls

- 1) Make sure data is useable
- Data from a spreadsheet needs to be saved in a Text (Tab delimited) (\*.txt) format
  - Remember what folder the file is being saved and the file name
  - Validations to consider
    1. **There has to be a Bull ID**
    2. **There can be NO duplicate ID's**
    3. **These ID's are not case sensitive**
      - **Angus and angus are the same**

#### 4. Bull Type is required

- Herd Bull
- AI Sire
- Both

- 2) Set up form: Bulls
  - Change **Method** to *Add New*
  - Change **Table** to *Calves*
  - Change **Header Row** to *Yes* or *No*
- 3) Locate import file
  - Make sure **Drives** is set to the correct one
  - Set **List files of Type:** to *Text Files*
  - Find the folder where the **Tab delimited text** file was created
  - Click on the file name so it appears in the **File name:** box
  - Click **Ok**
- 4) Match up fields
  - **Bull ID** is the only requirement for importing bulls
  - Click on a **Source Field** heading
  - Find the **Field Description** that heading corresponds with
  - Click on the **Import Field** next to that Field Description
  - The **Source Field** and the **Import Field** will be highlighted
  - Click on the “>>>” button
- 5) Import data
  - Click the **Import Data** button
  - A screen will pop up to confirm the data from a file is being moved to Cow Sense. Click **Yes** if it is correct.
  - A screen will pop up about the **Header Row** to confirm it is set correctly. Click **Proceed** if it is correct.
- 6) Issues with importing data
  - If there is a problem during the import a log file will be created to document any errors that may have occurred. It is a good idea to rename this Text document as another name so it is possible to go back and see what was wrong with the data. Just do a **File>Save As** to change the name. It will be found in the Cow Sense folder.
  - **Bull ID** and **Bull Type** are the only requirements. If the **Bull ID** is missing the bull will not be entered into Cow Sense. If **Bull Type** is missing the import will not proceed.

## Calves

- 1) Make sure data is useable
  - Data from a spread sheet needs to be saved in a Text (Tab delimited) (\*.txt) format
  - Remember what folder the file is being saved in and the file name

- If **Weaning Weights** are being imported there has to be a **Weaning Weight Date** imported also. This Weaning Weight Date must be valid. It cannot be over **300 days** past the calf’s birth date.
- Calf data entry has many more requirements than cows or bulls do. These are the same requirements for entering calf data in each production cycle.

Field	Code	Description	Validation
Calf History	1	Live Calf	
	2	Calf died after weaning	
	3	Calf died after branding	
	4	Calf died before branding	
	5	Calf dead at birth	
	6	Abortion	
	7	Open cow	
	8	Bred cow didn't calve (other)	
	9	Bred cow sold	
	80	Embryo - flushed	
	81	Embryo - implanted	
	82	Embryo - in storage	
99	Missing Data		
Calf ID		<b>Unique ID is required within a Production Cycle</b>	If History code is < 5
Birth Date		Required	If History code is < 6
Sex	H	Heifer	If History code is < 3
	B	Bull	
	S	Steer	
Born As	S	Single	If History code is < 3
	TH	Twin Heifer	
	TB	Twin Bull	
	E	Embryo Transfer	
	ES	Split Embryo	
	C	Clone	
Raised As	R	Triplet	If History code is < 3
	S	Single on Own Dam	
	F	Single on Foster Dam	
	T	Twin on Own Dam	
	G	Twin on Foster Dam	
	A	Artificially Raised	

- 2) Set up form: Calves
  - Change **Method** to *Add New*
  - Change **Table** to *Calves*
  - Change **Header Row** to *Yes or No*
- 3) Locate Import File
  - Make sure **Drives** is set to the correct one
  - Set **List files of Type:** to *Text Files*
  - Find the folder where the **Tab delimited text** file was created
  - Click on the file name so it appears in the **File name:** box
  - Click **Ok**

- 4) Match up fields
  - There are more minimum requirements for calves than there were for cows. Figure 1 from above describes which fields need to be matched
  - Click on a **Source Field** heading
  - Find the **Field Description** that heading corresponds with
  - Click on the **Import Field** next to that Field Description
  - The **Source Field** and the **Import Field** will be highlighted
  - Click on the “>>>” button
  
- 5) Import data
  - Click the **Import Data** button
  - A screen will pop up to confirm the data from a file is being moved to Cow Sense.
  - A screen will pop up about the **Header Row** to confirm it is set correctly.
  
- 6) Issues with importing data
  - The requirements from Figure 1 need to be met or the calves will not be entered into Cow Sense.
  - A calf **History Code** has to be entered. This will determine what other codes have to be entered.
  - If there is a problem during the import a log file will be created to document any errors that may have occurred. It is a good idea to rename this Text document as another name so it is possible to go back and see what was wrong with the data. Just do a **File>Save As** to change the name. It will be found in the Cow Sense folder.
  - Duplicate Calf ID within production cycles will not be imported into Cow Sense. They will be listed in the log file.
  - **Age at Weaning** may be a violation listed in the log file. This will not stop the record from importing to Cow Sense. The Weaning Weight Date will be considered invalid so the Weaning weight and date will not be imported for those calves. As a reminder, calves have to fall into a certain range of days in order to calculate Weaning Weight adjustments unless changes are made...
    - The BIF Standard used by Cow Sense is a 205-day adjustment with a range of 160 days to 250 days.
    - The range of days for age at weaning for the calves in the production cycle will be needed. The Weaning Report for calves shows the age at weaning. Follow the steps below to change the settings. This will allow for Cow Sense to include those calves when the weaning update is run to figure Adjusted Weaning Weights and Ratios.
    - Go to: **Maintenance > Administration > Setup**
    - Choose a **Herd Breed** (Not BIF) > Click **Breed Specifications**
    - Click **New** > Give new name > Click **Ok**
    - Click on **Age Std’s and Ranges** tab.

- Change the Min and Max Age in Days to cover the range for the calves.
- It is possible to leave the Standard Weaning Age in Days at 205. If the new range does not allow for the 205 days to fall in the middle, then the data could be skewed some. Change this number of days to the mean of the range if a 205-day adjustment is not needed.
- **Cow ID is the condition used to link calf records with cows.** This is a field that needs to be filled when importing calf data to link the records.
- If a calf is imported without a Cow ID attached the record will be created, but not linked to any cow record.
- **Production Cycles** are created as the calves are imported.
  - The calves are sorted by birth date.
  - The first calf's birth date represents the start date of a production cycle.
  - The cycle will be designated for 150 days before a new one is created, UNLESS there is a 60 day gap between birth dates, then there will be a new cycle created.
  - The production cycles are created in Cow Sense. After exiting the Import Tool the Production Cycles will not be listed in the main dropdown.
    - Go to Maintenance > Administration > Setup > click on the Production Cycle tab.
    - This will refresh the dropdown to select the different Production Cycles.
  - **Calving, Weaning, and Yearling Updates** need to be run to update the cow and bull records with the calf data for the reports.

## Adding to Existing Herd

Adding cows, bulls, or calves to a herd that already exists in Cow Sense is much like adding to a new herd. The main concern is making sure the Production Cycle that is open is the one the data is suppose to be imported to.

- 1) Make sure data is useable
  - Data from a spreadsheet needs to be saved in a Text (Tab delimited) (\*.txt) format.
  - Remember what folder the file is being saved in and the file name.
- 2) Make sure the herd opened in Cow Sense is the correct one for adding the data to. If not, use the **Change Herd** button to choose the correct herd. After importing data and exiting the Import Tool, Cow Sense will still be in the original herd. The changed herd would have to be opened to view.



- 3) The forms need to be set up the same as if adding to a new herd file. Refer to **Adding for a Herd Build**.
- 4) The same requirements apply as if adding to a new herd file
- 5) Calves that are added to a herd will have a new production cycle created for that group of calves. That Production Cycle will not appear in the main dropdown until Cow Sense is restarted or if the Production Cycle form is opened in Setup: Maintenance > Administration > Setup > Production Cycle tab.

## Updating Records in Existing Herd

Updating records with the Import Tool is useful for adding data to records that periodically receive new information about the animal. Calves can have carcass data added to their records and Cows can have yearly weights added to their records. The most important part of updating records is linking the data with the correct record.

- 1) Make sure data is useable
  - Data from a spreadsheet needs to be saved in a Text (Tab delimited) (\*.txt) format.
  - Remember what folder the file is being saved in and the file name.
  - **Linking Fields** are the main requirement for updating records. They match the import data with the proper records in Cow Sense. Only one Linking Field needs to be used. Choose one, which all the importing data records will contain.
    - **Cow Linking Fields**
      - Cow ID
      - Registration Number
      - EID
    - **Bull Linking Fields**
      - Bull ID
      - Registration Number
      - EID
    - **Calf Linking Fields**
      - Calf ID
      - Registration Number
      - EID
      - New ID
      - Cow ID
- 2) Set up form
  - Change **Method** to *Update*
  - Change **Type** to *Calves*
  - Change **Header Row** to *Yes* or *No*. If the first row on the spreadsheet is just an identification row change to *Yes*. Change **Header Row** to *No* if the first row is cow information.
  - **Save Spec** is used in cases where the same data is received from the same place and in the same layout.
    - After matching up fields click on the **Save Spec** button and give it a name.

- Next time the data is received just **Locate Import File**
  - Make sure **Method, Table, and Select Production Cycle:** are all set properly
  - Click on **Recall Spec**
  - Highlight the saved spec and click **Ok**
  - **Calves**
    - If the data being imported is for more than one production cycle then separate each production cycle into its own import file.
    - Use **Select Production Cycle:** dropdown to choose the production cycle where the data being imported applies.
    - If **Weaning Weights** are being imported there has to be a **Weaning Weight Date** imported also. This Weaning Weight Date must be valid. It cannot be over **300 days** past the calf's birth date.
    - Calf ID can be used to link fields so a production cycle has to be selected. There may be duplicate ID's in a herd, but Cow Sense does not allow duplicate Calf ID's in a production cycle.
  - **Cows & Bulls**
    - Do not use certain production cycles to enter data.
    - Import Tool is used to update Cow and Bull EPD's and weights.
- 3) Locate import file
- Make sure **Drives** is set to the correct one
  - Set **List files of Type:** to *Text Files*
  - Find the folder where the **Tab delimited text** file was created
  - Click on the file name so it appears in the **File name:** box
  - Click **Ok**
- 4) Match up fields
- Click on a **Source Field** heading
  - Find the **Field Description** that heading corresponds with
  - Click on the **Import Field** next to that Field Description
  - The **Source Field** and the **Import Field** will be highlighted
  - Click on the ">>>" button
- 5) Import data
- Click the **Import Data** button
  - A screen will pop up to confirm which file is being moved to Cow Sense. Click **Yes** if it is correct. If it is not correct then click **No** and try to locate the right file.
  - A screen will pop up about the **Header Row** to confirm it is set correctly. Click **Yes** if it is correct. If not click **No** to change it to the proper setting.
- 6) Issues with importing data
- If there is a problem during the import a log file will be created to document any errors that may have occurred. It is a good idea to

rename this Text document as another name so it is possible to go back and see what was wrong with the data. Just do a **File>Save As** to change the name. It will be found in the Cow Sense folder.

- If an “**invalid weaning date**” message appears in the log file then the calf listed will be imported but the weaning weight and date will not be.
- When updating Bull records the import tool is going to use **Bull ID** to link between Bull and calf records to update any calf records. If the calf records do not contain a **Bull ID** then nothing will happen to the records.
- When updating cow records the import tool is going to use **Cow ID** to link between cow and calf records to update any calf records. If the calf records do not contain a **Cow ID** then nothing will happen to the records.
- When updating calf records the Calving, Weaning, Yearling, Closeout Updates corresponding with the data being imported need to be run. This will allow Cow Sense to calculate any averages, ages, etc.

## Field Reference

### Calves

Field Description — Calves	Required for Add New	Validation	Codes																												
<b>Common Fields</b>																															
History	Yes	Always	<table border="1"> <thead> <tr> <th>Code</th> <th>Desc.</th> </tr> </thead> <tbody> <tr><td>1</td><td>Live Calf</td></tr> <tr><td>2</td><td>Calf died after weaning</td></tr> <tr><td>3</td><td>Calf died after branding</td></tr> <tr><td>4</td><td>Calf died before branding</td></tr> <tr><td>5</td><td>Calf dead at birth</td></tr> <tr><td>6</td><td>Abortion</td></tr> <tr><td>7</td><td>Open cow</td></tr> <tr><td>8</td><td>Bred cow didn't calve (other)</td></tr> <tr><td>9</td><td>Bred cow sold</td></tr> <tr><td>80</td><td>Embrvo - flushed</td></tr> <tr><td>81</td><td>Embrvo - implanted</td></tr> <tr><td>82</td><td>Embrvo - in storage</td></tr> <tr><td>99</td><td>Missing Data</td></tr> </tbody> </table>	Code	Desc.	1	Live Calf	2	Calf died after weaning	3	Calf died after branding	4	Calf died before branding	5	Calf dead at birth	6	Abortion	7	Open cow	8	Bred cow didn't calve (other)	9	Bred cow sold	80	Embrvo - flushed	81	Embrvo - implanted	82	Embrvo - in storage	99	Missing Data
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Field Description — Calves	Required for Add New	Validation	Codes
Color			
EID			
Poll			
Remarks			
Wean Weight			
Wean Wt Date		Required if Wean Wt	
Yrlg Weight			
Yrlg Wt Date		Required if Yrlg Wt	
<b>Additional Fields</b>			
Acc 01			
Acc 02			
Acc 03			
Acc 04			
Acc 05			
Acc 06			
Acc 07			
Acc 08			
Acc 09			
Acc 10			
Acc BW			
Acc Milk			
Acc TM			
Acc WW			
Acc YW			
Bangs Number			
Bangs Prefix			
Breed Pct			
Bull Breed			
Bull Type			
Bulls: BREED			
Bulls: Bull Group 2			
Calf Group 1		Against group codes	Codes user defined
Calf Group 2		Against group codes	Codes user defined
Carcass Backfat			
Carcass Cert Angus			
Carcass Condemned			
Carcass Dark Cutter			

Field Description — Calves	Required for Add New	Validation	Codes
Carcass Dressing Pct			
Carcass Fat Color			
Carcass Final YG			
Carcass Hot Weight			
Carcass ID			
Carcass Kill Date			
Carcass KPH			
Carcass Marbling Num			
Carcass Marbling Score			
Carcass Maturity			
Carcass Meat Color			
Carcass Muscling Score			
Carcass Net Return/Head			
Carcass Other Defect			
Carcass Other Program			
Carcass Pct Retail			
Carcass Prelim YG			
Carcass Price			
Carcass Quality Grade			
Carcass REA			
Carcass REA/CWT			
Carcass Remark			
Carcass Return/CWT			
Carcass Return/Head			
Carcass Tenderness			
Castration Date			
Cow Age			
Cow Birth Date			
Cow Breed			
Cows: Cow Color			
Cows: Pasture			
Creep			
Disposal Code			
Disposal Date			
EPD 01			
EPD 02			
EPD 03			
EPD 04			

Field Description — Calves	Required for Add New	Validation	Codes
EPD 05			
EPD 06			
EPD 07			
EPD 08			
EPD 09			
EPD 10			
EPD BW			
EPD Milk			
EPD TM			
EPD WW			
EPD YW			
ET Embryo ID			
ET Recip ID			
Feeding ADG			
Feeding Adj Net Return			
Feeding Conversion			
Feeding Cost Feeding			
Feeding Cost Gain			
Feeding Cost Other			
Feeding Cost Processing			
Feeding Cost Treatment			
Feeding Days			
Feeding Feeder			
Feeding Final Weight			
Feeding In Date			
Feeding In Value			
Feeding In Weight			
Feeding Lot Num			
Hip Height Wng			
Hip Height Yrlg			
LE Tattoo			
Muscle Live			
Name			
New ID			
Packer ID			
Pelvic Measure Date			
Pelvis			
Pelvis H			

Field Description — Calves	Required for Add New	Validation	Codes
Pelvis V			
RE Tattoo			
Registration			
Sale Date			
Sale Lot			
Sale Order			
Sale Price			
Scrotal Measure Date			
Scrotum			
Supp ID			
Suppl Weight 1			
Suppl Weight 2			
Suppl Wt Date 1			
Suppl Wt Date 2			
Ultrasound Backfat			
Ultrasound Date			
Ultrasound Marbling			
Ultrasound Ribeye			
Weaning Hip Height Date			
Yearling Group		Against group codes	Codes user defined
Yearling Group 2		Against group codes	Codes user defined
Yearling Hip Height Date			

Field Availability — Calves			
Field Name	Lite	Commercial	Purebred
History	YES	YES	YES
Calf ID	YES	YES	YES
Sex	YES	YES	YES
Birth Date	YES	YES	YES
Born As	YES	YES	YES
Raised As	YES	YES	YES
Cow ID	YES	YES	YES
Bull ID	YES	YES	YES
Birth Weight	NO	YES	YES
Breed	YES	YES	YES
Calving Ease	YES	YES	YES
Color	NO	YES	YES
EID	YES	YES	YES
Poll	YES	YES	YES



<b>Field Availability — Calves</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
Remarks	YES	YES	YES
Wean Weight	NO	YES	YES
Wean Wt Date	NO	YES	YES
Yrlg Weight	NO	YES	YES
Yrlg Wt Date	NO	YES	YES
Acc 01	NO	NO	YES
Acc 02	NO	NO	YES
Acc 03	NO	NO	YES
Acc 04	NO	NO	YES
Acc 05	NO	NO	YES
Acc 06	NO	NO	YES
Acc 07	NO	NO	YES
Acc 08	NO	NO	YES
Acc 09	NO	NO	YES
Acc 10	NO	NO	YES
Acc BW	NO	NO	YES
Acc Milk	NO	NO	YES
Acc TM	NO	NO	YES
Acc WW	NO	NO	YES
Acc YW	NO	NO	YES
Bangs Number	YES	YES	YES
Bangs Prefix	YES	YES	YES
Breed Pct	NO	NO	YES
Bull Breed	YES	YES	YES
Bull Type	YES	YES	YES
Bulls: BREED	YES	YES	YES
Bulls: Bull Group 2	YES	YES	YES
Calf Group 1	YES	YES	YES
Calf Group 2	YES	YES	YES
Carcass Backfat	NO	YES	YES
Carcass Cert Angus	NO	YES	YES
Carcass Condemned	NO	YES	YES
Carcass Dark Cutter	NO	YES	YES
Carcass Dressing Pct	NO	YES	YES
Carcass Fat Color	NO	YES	YES
Carcass Final YG	NO	YES	YES
Carcass Hot Weight	NO	YES	YES
Carcass ID	NO	YES	YES
Carcass Kill Date	NO	YES	YES
Carcass KPH	NO	YES	YES
Carcass Marbling Num	NO	YES	YES
Carcass Marbling Score	NO	YES	YES
Carcass Maturity	NO	YES	YES
Carcass Meat Color	NO	YES	YES

<b>Field Availability — Calves</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
Carcass Muscling Score	NO	YES	YES
Carcass Net Return/Head	NO	YES	YES
Carcass Other Defect	NO	YES	YES
Carcass Other Program	NO	YES	YES
Carcass Pct Retail	NO	YES	YES
Carcass Prelim YG	NO	YES	YES
Carcass Price	NO	YES	YES
Carcass Quality Grade	NO	YES	YES
Carcass REA	NO	YES	YES
Carcass REA/CWT	NO	YES	YES
Carcass Remark	NO	YES	YES
Carcass Return/CWT	NO	YES	YES
Carcass Return/Head	NO	YES	YES
Carcass Tenderness	NO	YES	YES
Castration Date	YES	YES	YES
Cow Age	YES	YES	YES
Cow Birth Date	YES	YES	YES
Cow Breed	YES	YES	YES
Cows: Cow Color	YES	YES	YES
Cows: Pasture	YES	YES	YES
Creep	YES	YES	YES
Disposal Code	YES	YES	YES
Disposal Date	YES	YES	YES
EPD 01	NO	NO	YES
EPD 02	NO	NO	YES
EPD 03	NO	NO	YES
EPD 04	NO	NO	YES
EPD 05	NO	NO	YES
EPD 06	NO	NO	YES
EPD 07	NO	NO	YES
EPD 08	NO	NO	YES
EPD 09	NO	NO	YES
EPD 10	NO	NO	YES
EPD BW	NO	NO	YES
EPD Milk	NO	NO	YES
EPD TM	NO	NO	YES
EPD WW	NO	NO	YES
EPD YW	NO	NO	YES
ET Embryo ID	NO	NO	YES
ET Recip ID	NO	NO	YES
Feeding ADG	NO	YES	YES
Feeding Adj Net Return	NO	YES	YES
Feeding Conversion	NO	YES	YES
Feeding Cost Feeding	NO	YES	YES

<b>Field Availability — Calves</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
Feeding Cost Gain	NO	YES	YES
Feeding Cost Other	NO	YES	YES
Feeding Cost Processing	NO	YES	YES
Feeding Cost Treatment	NO	YES	YES
Feeding Days	NO	YES	YES
Feeding Feeder	NO	YES	YES
Feeding Final Weight	NO	YES	YES
Feeding In Date	NO	YES	YES
Feeding In Value	NO	YES	YES
Feeding In Weight	NO	YES	YES
Feeding Lot Num	NO	YES	YES
Hip Height Wng	NO	YES	YES
Hip Height Yrlg	NO	YES	YES
LE Tattoo	YES	YES	YES
Muscle Live	NO	NO	YES
Name	NO	YES	YES
New ID	YES	YES	YES
Packer ID	NO	YES	YES
Pelvic Measure Date	NO	YES	YES
Pelvis	YES	YES	YES
Pelvis H	YES	YES	YES
Pelvis V	YES	YES	YES
RE Tattoo	NO	YES	YES
Registration	NO	NO	YES
Sale Date	YES	YES	YES
Sale Lot	NO	YES	YES
Sale Order	NO	YES	YES
Sale Price	YES	YES	YES
Scrotal Measure Date	NO	YES	YES
Scrotum	NO	YES	YES
Supp ID	YES	YES	YES
Suppl Weight 1	NO	YES	YES
Suppl Weight 2	NO	YES	YES
Suppl Wt Date 1	NO	YES	YES
Suppl Wt Date 2	NO	YES	YES
Ultrasound Backfat	NO	YES	YES
Ultrasound Date	NO	YES	YES
Ultrasound Marbling	NO	YES	YES
Ultrasound Ribeye	NO	YES	YES
Weaning Hip Height Date	NO	YES	YES
Yearling Group	NO	YES	YES
Yearling Group 2	NO	YES	YES
Yearling Hip Height Date	NO	YES	YES

Cows

Field Description — Cows	Required for Add New	Validation	Codes
<b>Common Fields</b>			
Cow ID	Yes		
Birth Date	Yes		
Origin			
Poll			
Breed			
Remarks			
Weight			
Weight Date			
<b>Additional Fields</b>			
Acc 01			
Acc 02			
Acc 03			
Acc 04			
Acc 05			
Acc 06			
Acc 07			
Acc 08			
Acc 09			
Acc 10			
Acc BW			
Acc Milk			
Acc TM			
Acc WW			
Acc YW			
Age			
AI Calving Date			
AI Date			
AI Sire			
Bangs Number			
Bangs Prefix			
Breed Pct			
Bull In Calf Date			
Bull In Date			
Bull Out Calf Date			
Bull Out Date			
Condition			
Cost			
Cow Group 1		Against group codes	Codes user defined

Field Description — Cows	Required for Add New	Validation	Codes
Cow Group 2		Against group codes	Codes user defined
Dam			
Dam's Dam			
Dam's Sire			
Date Acquired			
Days Bred			
Disposal Code			
Disposal Date			
EID			
EPD 01			
EPD 02			
EPD 03			
EPD 04			
EPD 05			
EPD 06			
EPD 07			
EPD 08			
EPD 09			
EPD 10			
EPD BW			
EPD Milk			
EPD TM			
EPD WW			
EPD YW			
Est Calving Date			
ET Donor			
ET Recipient			
Frame Score			
Hip Height			
Hip Height Date			
LE Tattoo			
Mouth			
Name			
Natural Sire			
Own Adj Birth Wt			
Own Adj Wean Wt			
Own Adj Yrlg Wt			
Own Birth Wt			
Own Birth Wt Ratio			
Own Wean Wt			
Own Wean Wt Ratio			
Own Yrlg Wt			
Own Yrlg Wt Ratio			
Pelvis			

Field Description — Cows	Required for Add New	Validation	Codes
Preg Check Date			
Preg Status			
RE Tattoo			
Registration			
Sale Date			
Sale Price			
Sire			
Sire's Dam			
Sire's Sire			
Stage			
Status			
Supp ID			
Transponder ID			
Udder Score			

Field Availability — Cows			
Field Name	Lite	Commercial	Purebred
Cow ID	YES	YES	YES
Birth Date	YES	YES	YES
Origin	YES	YES	YES
Poll	YES	YES	YES
Breed	YES	YES	YES
Remarks	YES	YES	YES
Weight	YES	YES	YES
Weight Date	YES	YES	YES
Acc 01	NO	NO	YES
Acc 02	NO	NO	YES
Acc 03	NO	NO	YES
Acc 04	NO	NO	YES
Acc 05	NO	NO	YES
Acc 06	NO	NO	YES
Acc 07	NO	NO	YES
Acc 08	NO	NO	YES
Acc 09	NO	NO	YES
Acc 10	NO	NO	YES
Acc BW	NO	NO	YES
Acc Milk	NO	NO	YES
Acc TM	NO	NO	YES
Acc WW	NO	NO	YES
Acc YW	NO	NO	YES
Age	YES	YES	YES
AI Calving Date	NO	YES	YES
AI Date	NO	YES	YES

<b>Field Availability — Cows</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
AI Sire	NO	YES	YES
Bangs Number	YES	YES	YES
Bangs Prefix	YES	YES	YES
Breed Pct	NO	NO	YES
Bull In Calf Date	NO	YES	YES
Bull In Date	NO	YES	YES
Bull Out Calf Date	NO	YES	YES
Bull Out Date	NO	YES	YES
Condition	YES	YES	YES
Cost	YES	YES	YES
Cow Color	YES	YES	YES
Pasture	YES	YES	YES
Dam	NO	NO	YES
Dam's Dam	NO	NO	YES
Dam's Sire	NO	NO	YES
Date Acquired	YES	YES	YES
Days Bred	YES	YES	YES
Disposal Code	YES	YES	YES
Disposal Date	YES	YES	YES
EID	YES	YES	YES
EPD 01	NO	NO	YES
EPD 02	NO	NO	YES
EPD 03	NO	NO	YES
EPD 04	NO	NO	YES
EPD 05	NO	NO	YES
EPD 06	NO	NO	YES
EPD 07	NO	NO	YES
EPD 08	NO	NO	YES
EPD 09	NO	NO	YES
EPD 10	NO	NO	YES
EPD BW	NO	NO	YES
EPD Milk	NO	NO	YES
EPD TM	NO	NO	YES
EPD WW	NO	NO	YES
EPD YW	NO	NO	YES
Est Calving Date	YES	YES	YES
ET Donor	NO	NO	YES
ET Recipient	NO	NO	YES
Frame Score	NO	YES	YES
Hip Height	NO	YES	YES
Hip Height Date	NO	YES	YES
LE Tattoo	YES	YES	YES
Mouth	YES	YES	YES
Name	NO	NO	YES
Natural Sire	NO	YES	YES

<b>Field Availability — Cows</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
Own Adj Birth Wt	NO	YES	YES
Own Adj Wean Wt	NO	YES	YES
Own Adj Yrlg Wt	NO	YES	YES
Own Birth Wt	NO	YES	YES
Own Birth Wt Ratio	NO	YES	YES
Own Wean Wt	NO	YES	YES
Own Wean Wt Ratio	NO	YES	YES
Own Yrlg Wt	NO	YES	YES
Own Yrlg Wt Ratio	NO	YES	YES
Pelvis	YES	YES	YES
Preg Check Date	YES	YES	YES
Preg Status	YES	YES	YES
RE Tattoo	NO	YES	YES
Registration	NO	NO	YES
Sale Date	YES	YES	YES
Sale Price	YES	YES	YES
Sire	NO	NO	YES
Sire's Dam	NO	NO	YES
Sire's Sire	NO	NO	YES
Stage	YES	YES	YES
Status	YES	YES	YES
Supp ID	YES	YES	YES
Transponder ID	NO	NO	YES
Udder Score	YES	YES	YES



## Bulls

Field Description — Bulls	Required for Add New	Validation	Codes
<b>Common Fields</b>			
Bull ID	Yes		
Birth Date			
Origin			
Poll			
Breed			
Remarks			
Weight			
Weight Date			
<b>Additional Fields</b>			
Acc BW			
Acc Milk			
Acc TM			
Acc WW			
Acc YW			
Acc01			
Acc02			
Acc03			
Acc04			
Acc05			
Acc06			
Acc07			
Acc08			
Acc09			
Acc10			
Age			
Breed Pct			
Bull Group 1		Against group codes	Codes user defined
Bull Group 2		Against group codes	Codes user defined
Cost			
Dam			
Dam's Dam			
Dam's Sire			
Date Acquired			
Disposal Code			
Disposal Date			
EID			
EPD 01			
EPD 02			
EPD 03			

Field Description — Bulls	Required for Add New	Validation	Codes
EPD 04			
EPD 05			
EPD 06			
EPD 07			
EPD 08			
EPD 09			
EPD 10			
EPD BW			
EPD Milk			
EPD TM			
EPD WW			
EPD YW			
Frame Score			
Hip Height			
Hip Height Date			
LE Tattoo			
Name			
Own Adj Birth Wt			
Own Adj Wean Wt			
Own Adj Yrlg Wt			
Own Birth Wt			
Own Birth Wt Ratio			
Own Wean Wt			
Own Wean Wt Ratio			
Own Yrlg Wt			
Own Yrlg Wt Ratio			
Pelvis			
RE Tattoo			
Registration			
Sale Date			
Sale Price			
Scrotum			
Sire			
Sire's Dam			
Sire's Sire			
Status			
Supp ID			
Type			

Field Availability — Bulls			
Field Name	Lite	Commercial	Purebred
Bull ID	YES	YES	YES
Birth Date	YES	YES	YES

<b>Field Availability — Bulls</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
Origin	YES	YES	YES
Poll	YES	YES	YES
Breed	YES	YES	YES
Remarks	YES	YES	YES
Weight	YES	YES	YES
Weight Date	YES	YES	YES
Acc BW	YES	YES	YES
Acc Milk	YES	YES	YES
Acc TM	YES	YES	YES
Acc WW	YES	YES	YES
Acc YW	YES	YES	YES
Acc01	NO	YES	YES
Acc02	NO	YES	YES
Acc03	NO	YES	YES
Acc04	NO	YES	YES
Acc05	NO	YES	YES
Acc06	NO	YES	YES
Acc07	NO	YES	YES
Acc08	NO	YES	YES
Acc09	NO	YES	YES
Acc10	NO	YES	YES
Age	YES	YES	YES
Breed Pct	NO	NO	YES
Bull Group 1	NO	NO	YES
Bull Group 2	YES	YES	YES
Cost	YES	YES	YES
Dam	NO	NO	YES
Dam's Dam	NO	NO	YES
Dam's Sire	NO	NO	YES
Date Acquired	YES	YES	YES
Disposal Code	YES	YES	YES
Disposal Date	YES	YES	YES
EID	YES	YES	YES
EPD 01	NO	YES	YES
EPD 02	NO	YES	YES
EPD 03	NO	YES	YES
EPD 04	NO	YES	YES
EPD 05	NO	YES	YES
EPD 06	NO	YES	YES
EPD 07	NO	YES	YES
EPD 08	NO	YES	YES
EPD 09	NO	YES	YES
EPD 10	NO	YES	YES
EPD BW	YES	YES	YES
EPD Milk	YES	YES	YES

<b>Field Availability — Bulls</b>			
<b>Field Name</b>	<b>Lite</b>	<b>Commercial</b>	<b>Purebred</b>
EPD TM	YES	YES	YES
EPD WW	YES	YES	YES
EPD YW	YES	YES	YES
Frame Score	NO	YES	YES
Hip Height	NO	YES	YES
Hip Height Date	NO	YES	YES
LE Tattoo	YES	YES	YES
Name	YES	YES	YES
Own Adj Birth Wt	NO	YES	YES
Own Adj Wean Wt	NO	YES	YES
Own Adj Yrlg Wt	NO	YES	YES
Own Birth Wt	NO	YES	YES
Own Birth Wt Ratio	NO	YES	YES
Own Wean Wt	NO	YES	YES
Own Wean Wt Ratio	NO	YES	YES
Own Yrlg Wt	NO	YES	YES
Own Yrlg Wt Ratio	NO	YES	YES
Pelvis	YES	YES	YES
RE Tattoo	NO	YES	YES
Registration	NO	NO	YES
Sale Date	YES	YES	YES
Sale Price	YES	YES	YES
Scrotum	YES	YES	YES
Sire	NO	NO	YES
Sire's Dam	NO	NO	YES
Sire's Sire	NO	NO	YES
Status	YES	YES	YES
Supp ID	YES	YES	YES
Type	YES	YES	YES