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(19) **United States**(12) **Patent Application Publication**
Renz et al.(10) **Pub. No.: US 2006/0185605 A1**(43) **Pub. Date: Aug. 24, 2006**(54) **CATTLE MANAGEMENT SYSTEM AND METHOD****Publication Classification**(51) **Int. Cl.****A01K 39/00** (2006.01)(52) **U.S. Cl.** **119/51.02**

(57)

ABSTRACT

A cattle management system and method are provided for managing numerous routine and non-routine management activities. The system and method incorporate a data processing system wherein comprehensive data is gathered and maintained on each individual animal as well as on selected groups of animals. Preferably, a central database is used which allows enhanced functionality with respect to not only data entry and data transfer, but also with respect to providing system generated management recommendations. Some significant functionality of the present invention includes the ability to track the location of each individual animal by utilizing unique identification data for each animal, recording all monitored events that take place at each location during the animal's production cycle, managing feeding operations at a feed lot wherein ration changes can be automatically triggered by parameters and rules established for each feed lot, and reporting the events and locations as required to government entities, financial institutions, and other entities within the cattle industry.

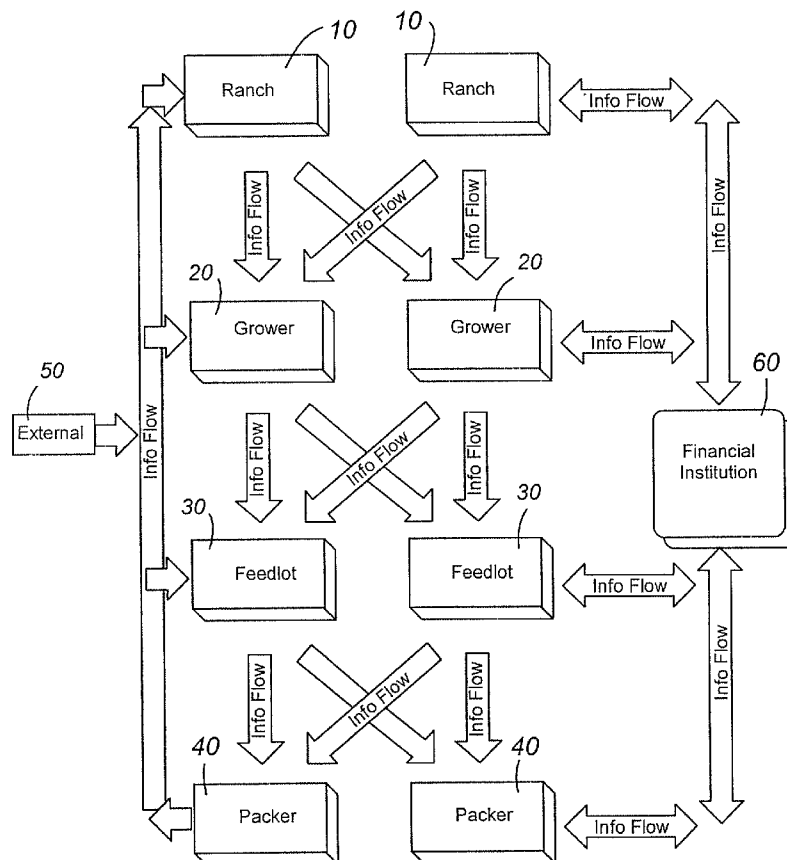
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(63) Continuation-in-part of application No. 11/228,020, filed on Sep. 14, 2005.

(60) Provisional application No. 60/609,914, filed on Sep. 14, 2004.



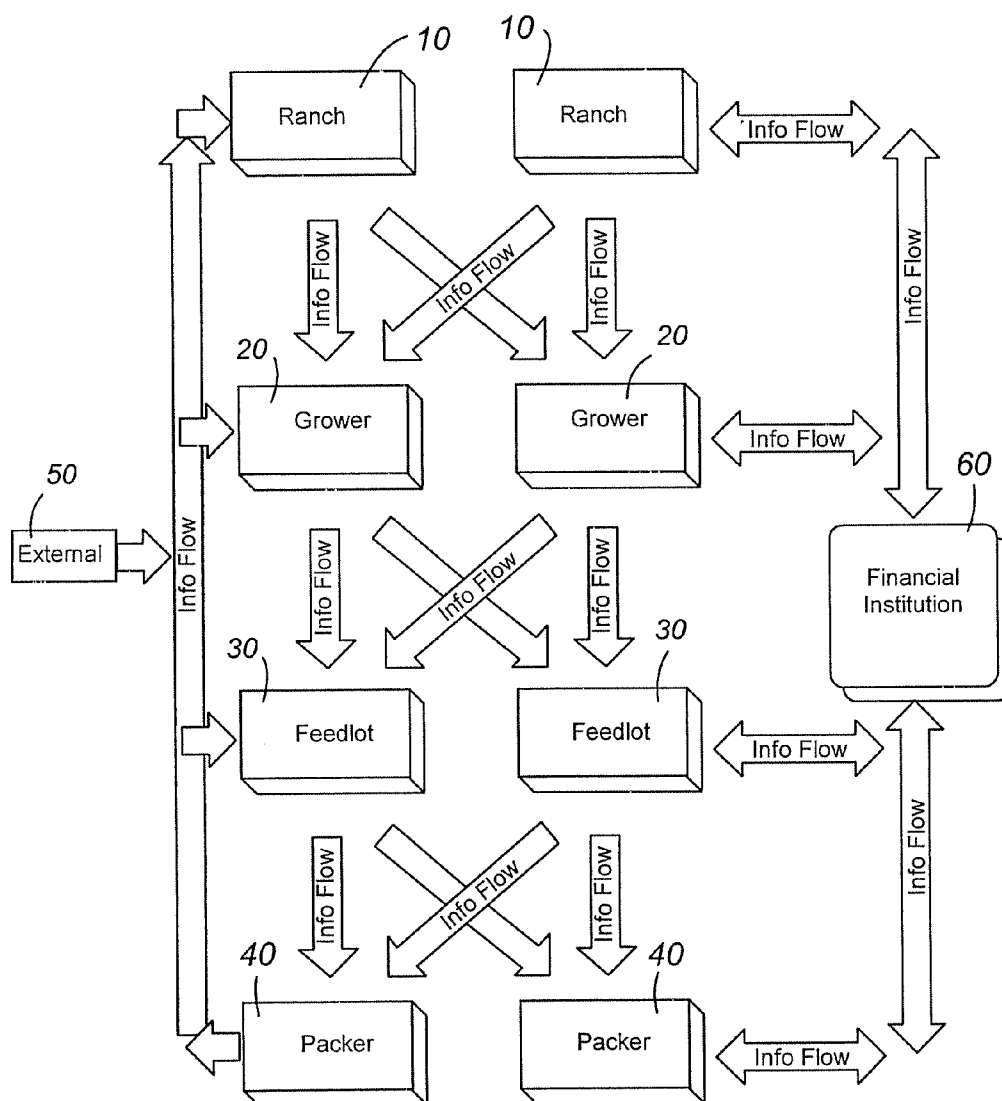


Fig. 1

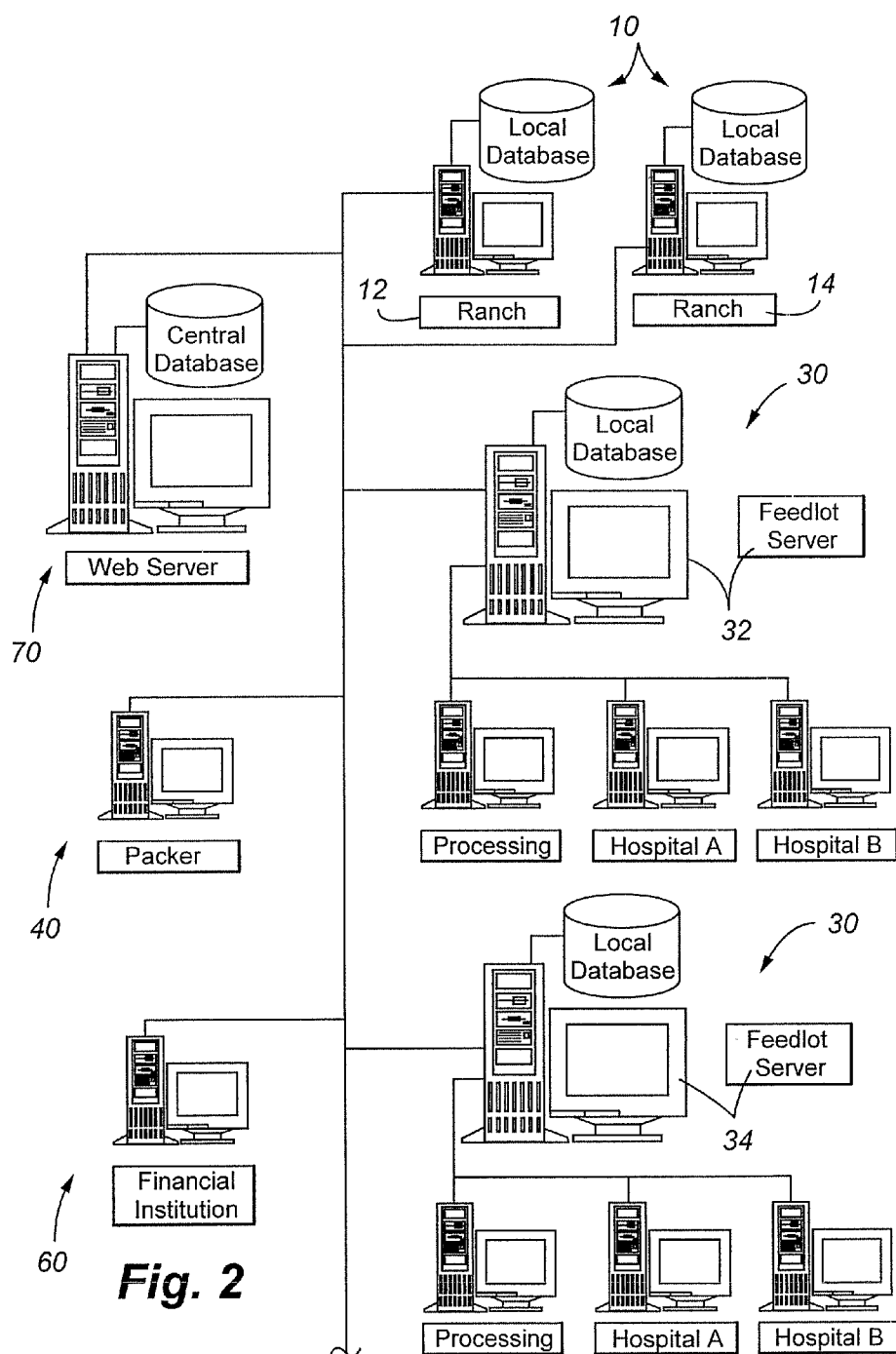


Fig. 2

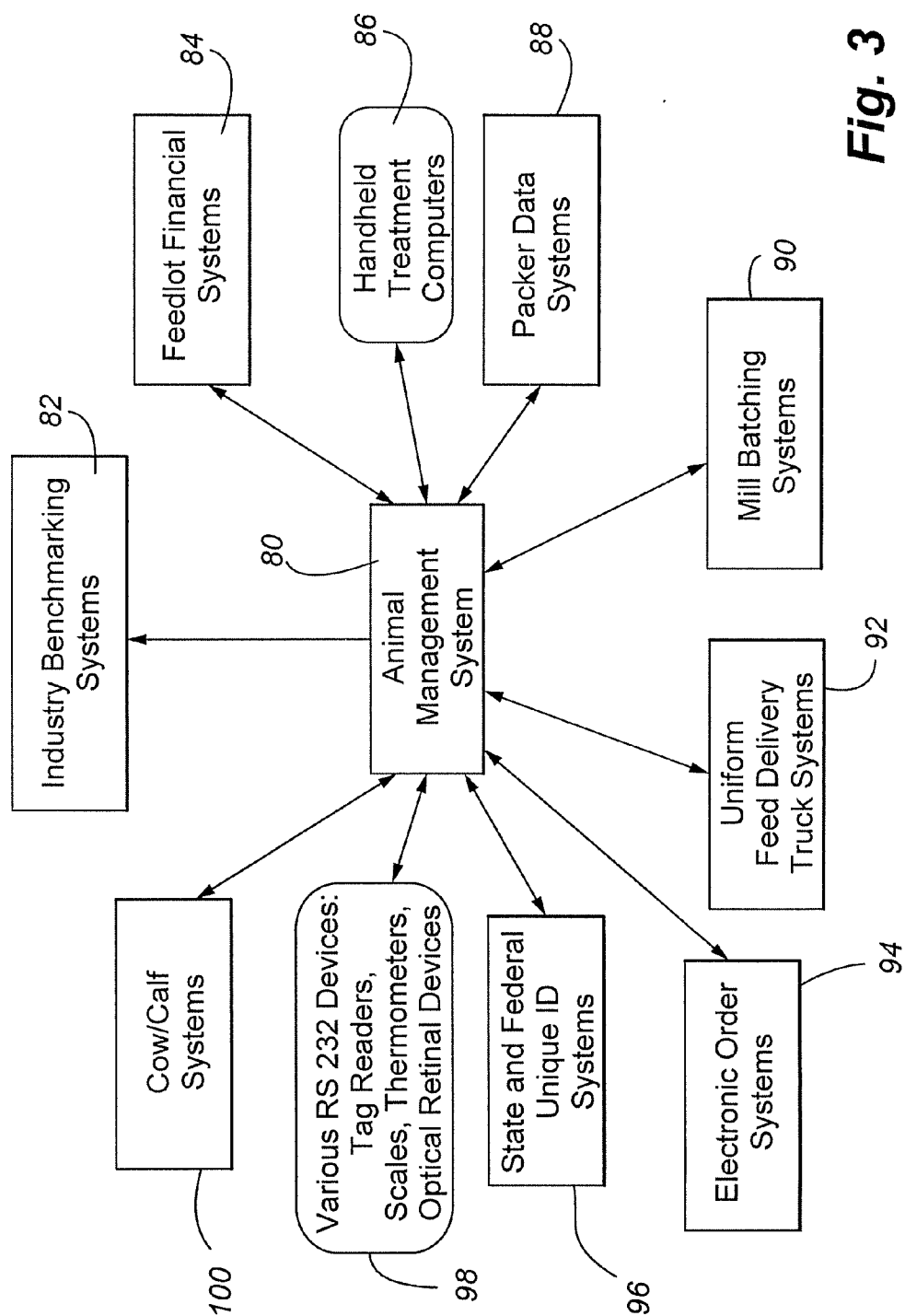


Fig. 3

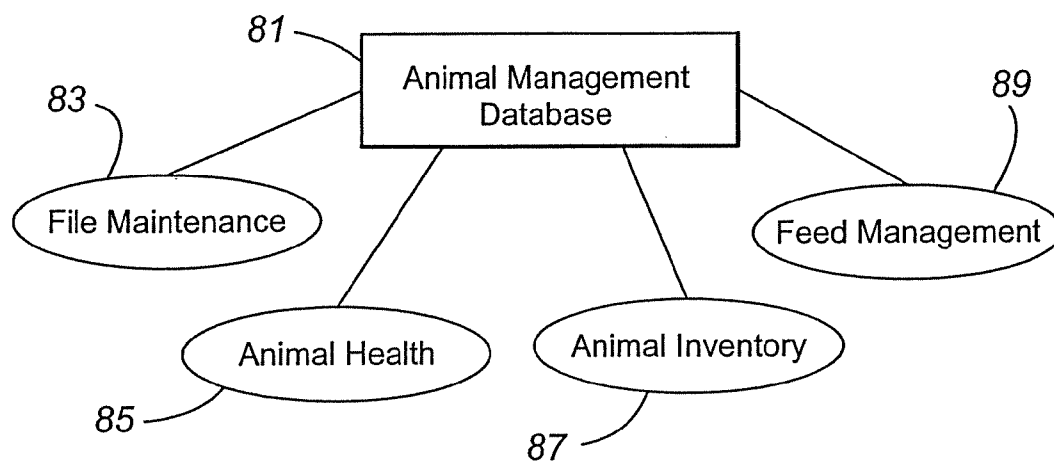


FIGURE 4

Select Corporation/Facility

Corporation LEXTRON

Facility LEXTRON

Select Cancel

FIGURE 5

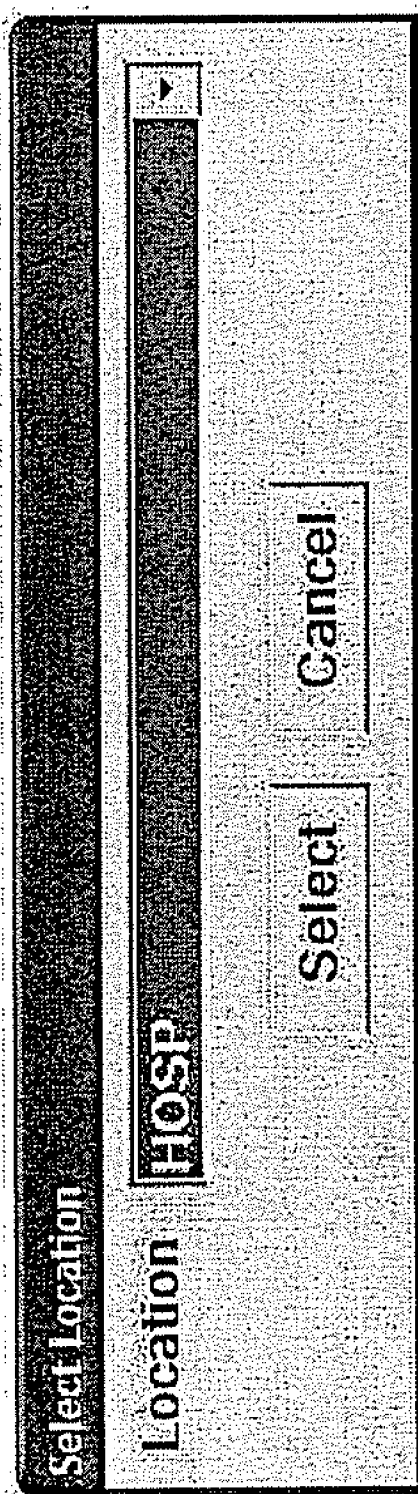


FIGURE 6

<u>Pre-Assigned Criteria</u>	
Average Daily Gain	Owner
Assigned Ration	Percent Dead
Class Code	Pen Number
Consumption by Body Weight	Pen Type
Consumption Per Head	Repeat Days
Condition Code	Repull Count
Current Animal Weight	Retreat Count
Current Group Weight	Risk Factor
Buyer Code	Ration Dry Matter
Breed Code	User Code 1
Days on Feed	User Code 2
Days on Ration	User Code 3
Days Until Projected Ship	Load ID
Days Since Last Treatment	Ration Group
Diagnosis	Severity Level
Diagnosis (Previous)	Severity Level (Previous)
Dry Consumption Per Head	Sex
Feed Call Priority	Slick Time
Custom Formula	Temperature
Hospital Head Count	Treatment Count
In Date	Yesterday's Call
In Weight	Yesterday's Hospital Head Count
Last Ration Assigned	Total Digestible Nutrients
Origin	Net Energy For Gain
Target Consumption	Net Energy for Maintenance
Premise Code	USDA Tag

FIGURE 7

202 200

Recommended Treatment Criteria

Diagnosis: Recommended Treatment RESP:R1 202

IF	Days Since Last Treatment	>=	5	AND	<	10	AND	☒
IF	Days On Feed	>=	40	AND	<	100	AND	☐
IF	206	>=	204	AND	<		AND	☐
IF		>=		AND	<		AND	☐
IF		>=		AND	<		AND	☐
IF		>=		AND	<		AND	☐
IF		>=		AND	<		AND	☐
IF		>=		AND	<		AND	☐
IF		>=		AND	<		AND	☐

< FIRST
< PREV
> NEXT
> LAST

NEW
SAVE
DELETE
CANCEL

Exit

FIGURE 8

Ration Change Criteria

Change from Ration To Ration

IF	Days On Ration	≥	5	AND	<	7	☒ AND
IF	Average Daily Gain	≥	3.2	AND	<	4.3	☐ AND
IF		≥		AND	<		☐ AND
IF		≥		AND	<		☐ AND
IF		≥		AND	<		☐ AND
IF		≥		AND	<		☐ AND
IF		≥		AND	<		☐ AND
IF		≥		AND	<		☐ AND
IF		≥		AND	<		☐ AND

1 of 4

FIGURE 9

Feed Splits Criteria

Previous Assigned Ration: Current Assigned Ration:

IF AND ☒ AND

IF ☐ AND

IF AND ☐ AND

IF AND ☐ AND

Feeding	Percent	Lbs Per Head	Ration
1 238	80.00000 240		6 244
2 238	20.00000 242		7 244
0 238			
0 238			

1 of 4

FIGURE 10

Sort Criteria Maintenance

	Field	Min	Max	Condition
IF	Weight	600	700	☒ AND
IF	Breed	Angus		☒ AND
IF	Sex	Steers		☐ AND
IF				☐ AND
IF				☐ AND
IF				☐ AND
IF				☐ AND
IF				☐ AND

Sort To Pen ☐ Sort To Lot ☐ Sort Capacity

FIGURE 11

Custom Criteria

Criteria Name: PROGRAM12 — 312

Criteria Desc: Program Cattle - Program #12

Criteria Type:

- ☐ Feeding
- ☐ Treatment
- ☒ Both

Formula: 314 301
 [RISK_FACTOR]*.015/100
 300

Fields: 302
 304

Math: 306
 Logicals: 308
 Date: 310

Navigation: < FIRST, < PREV, > NEXT, > LAST, NEW, SAVE, DELETE, CANCEL, Exit

FIGURE 12

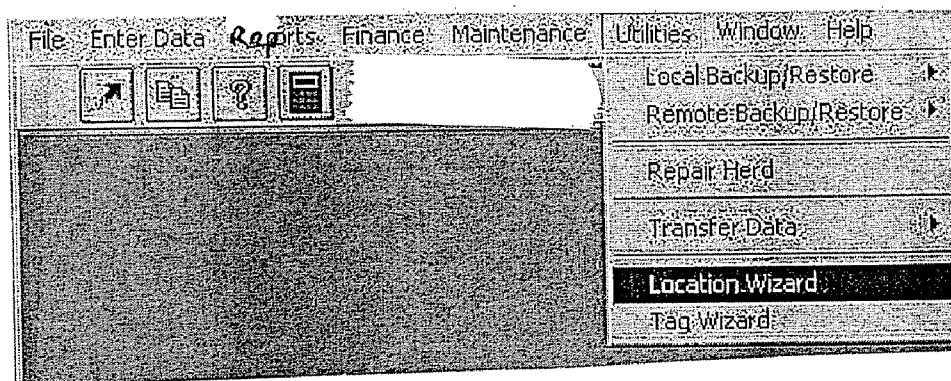


FIGURE 13

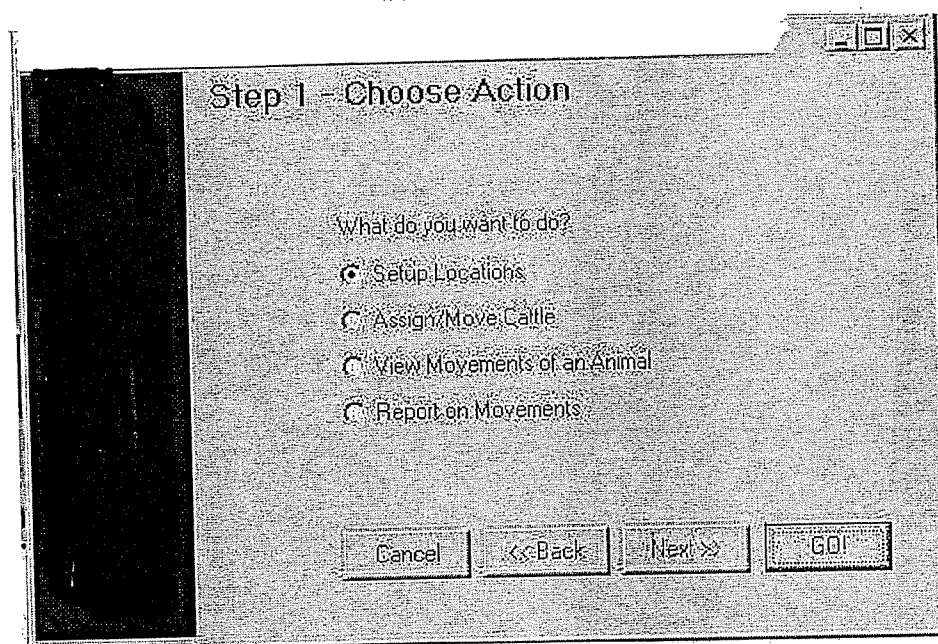
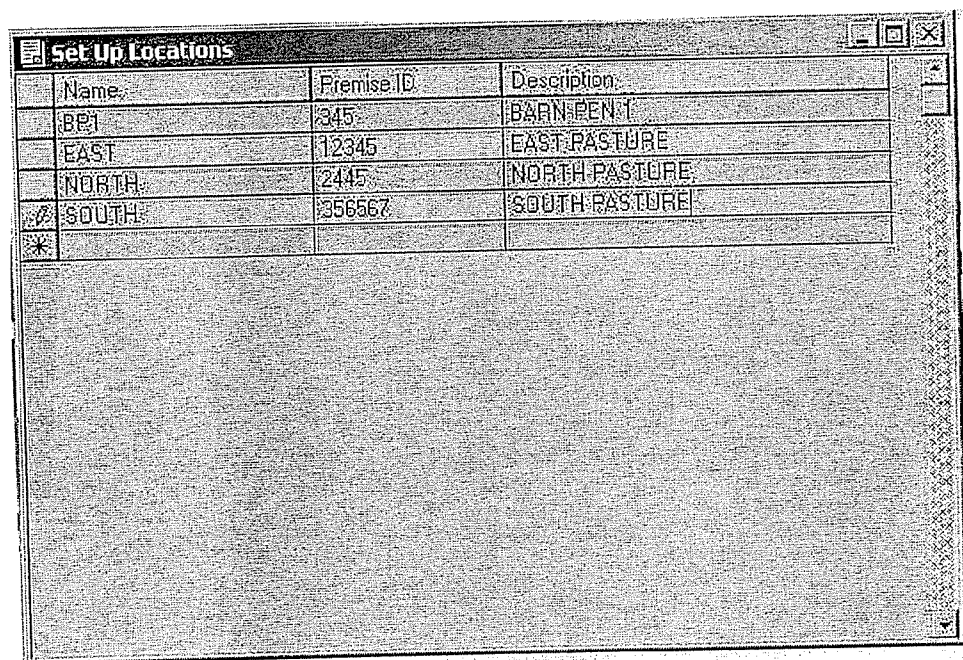


FIGURE 14



The image shows a screenshot of a software window titled "Set Up Locations". The window contains a table with three columns: "Name", "Premise ID", and "Description". There are four rows of data in the table. The first row has "Barn" in the Name column, "345" in the Premise ID column, and "BARN PEN" in the Description column. The second row has "EAST" in the Name column, "12345" in the Premise ID column, and "EAST PASTURE" in the Description column. The third row has "NORTH" in the Name column, "2445" in the Premise ID column, and "NORTH PASTURE" in the Description column. The fourth row has "SOUTH" in the Name column, "356567" in the Premise ID column, and "SOUTH PASTURE" in the Description column. The table is set against a background with a grid pattern. The window has standard Windows-style controls (minimize, maximize, close) in the top right corner.

Name	Premise ID	Description
Barn	345	BARN PEN
EAST	12345	EAST PASTURE
NORTH	2445	NORTH PASTURE
SOUTH	356567	SOUTH PASTURE

FIGURE 15

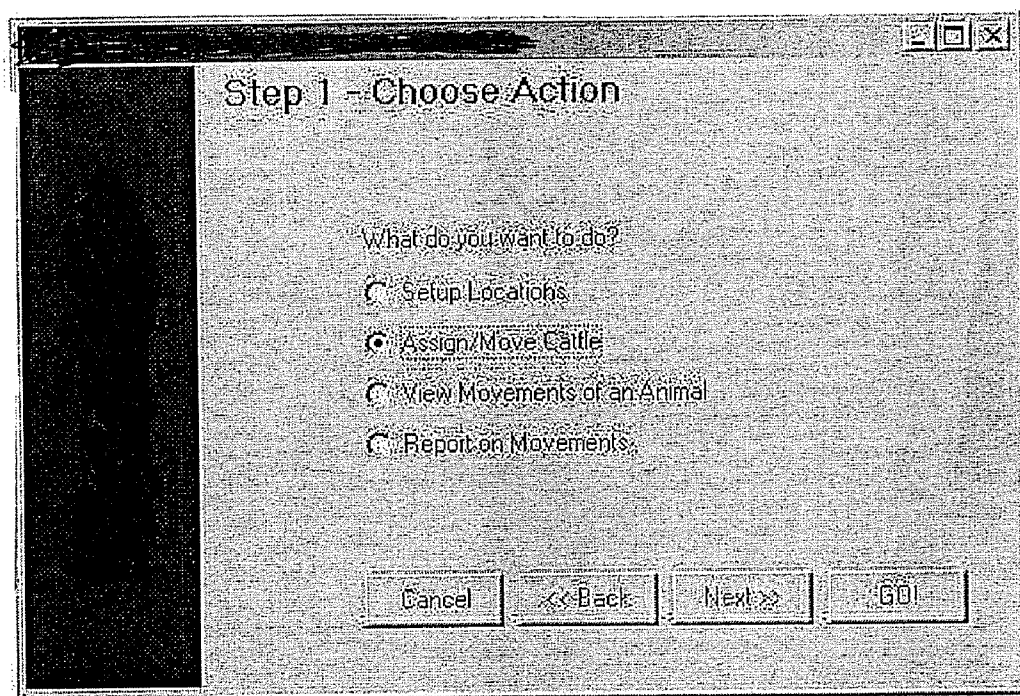


FIGURE 16

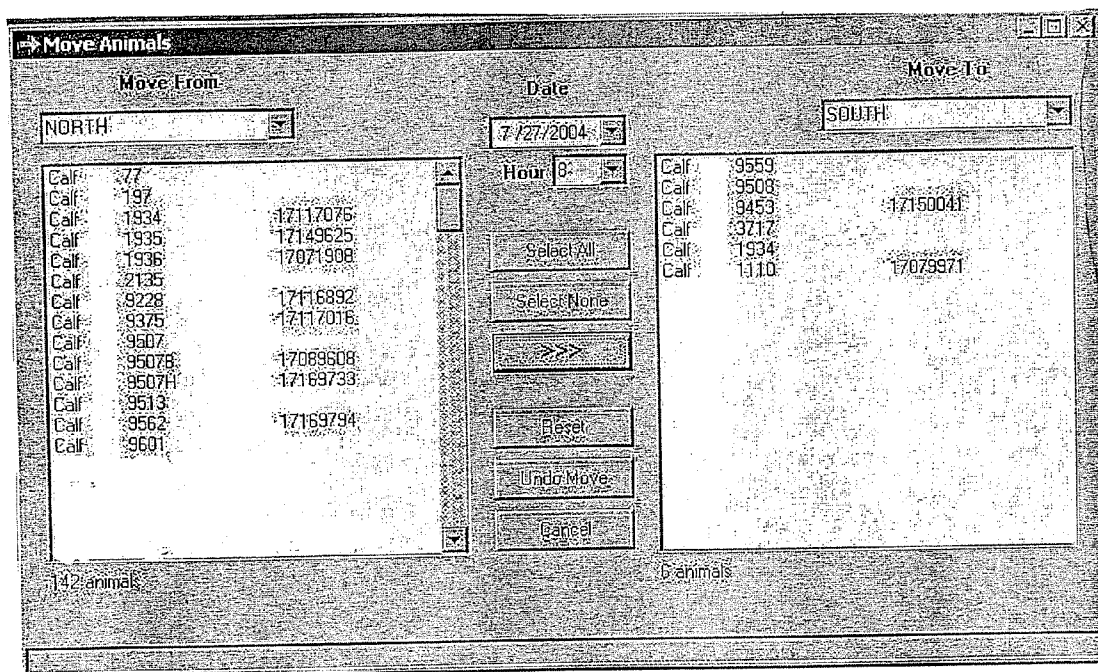


FIGURE 17

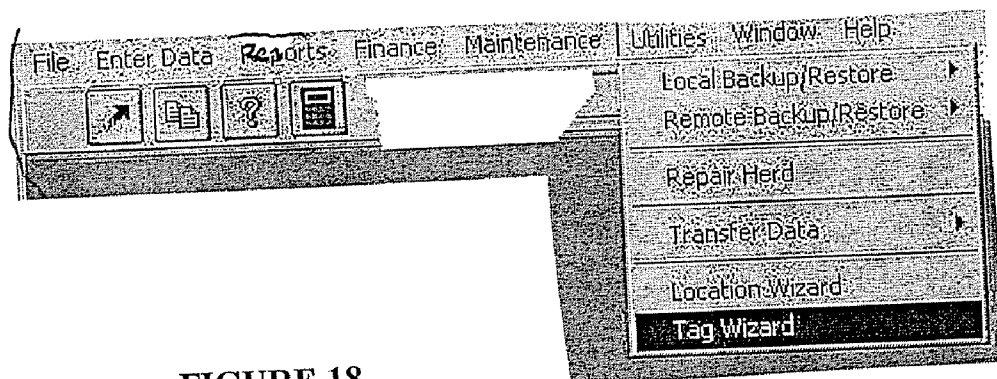


FIGURE 18

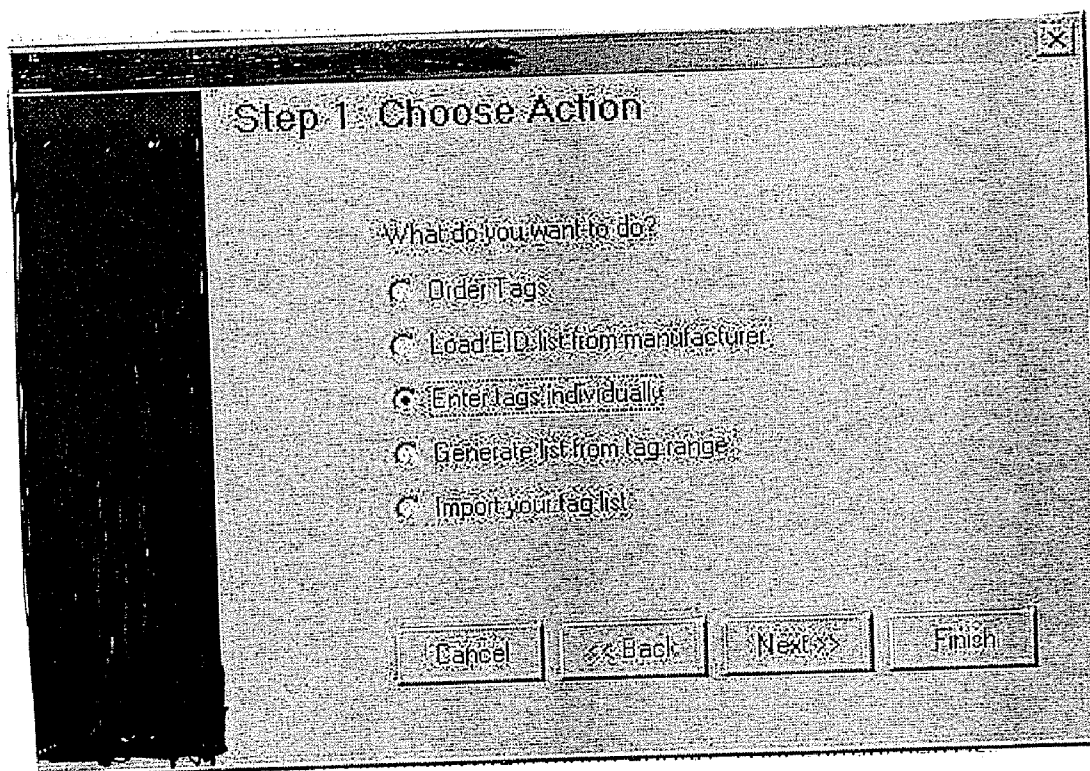


FIGURE 19

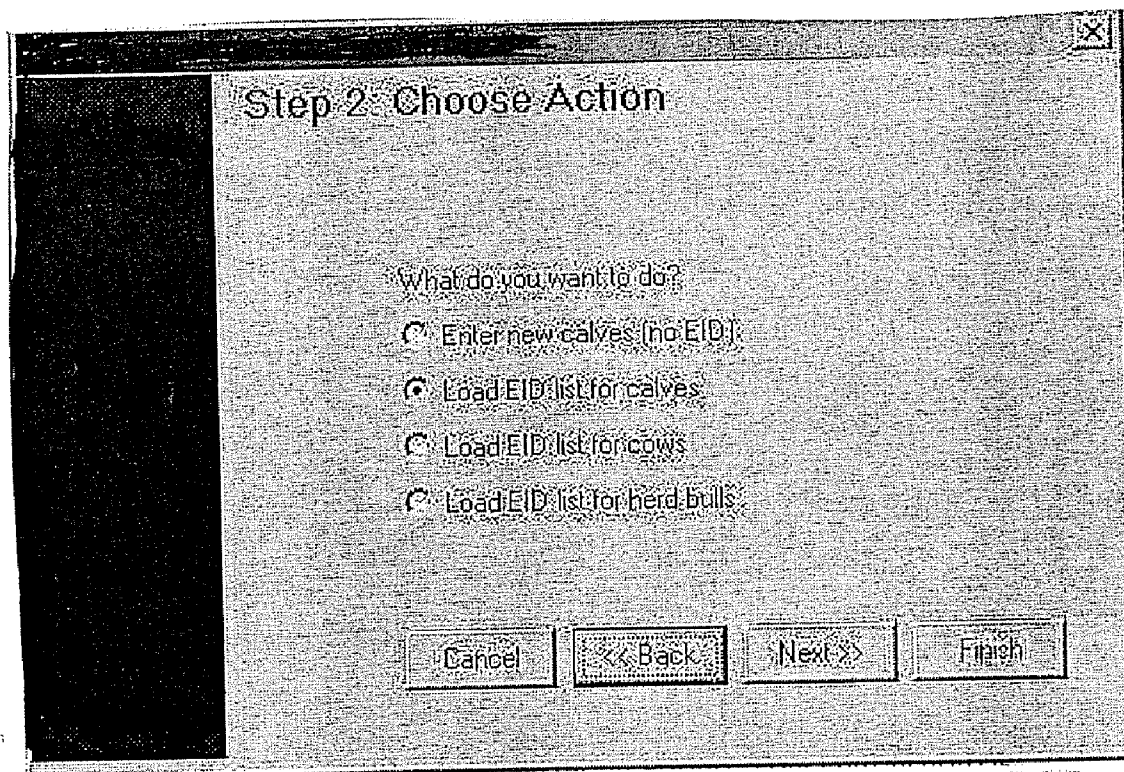


FIGURE 20

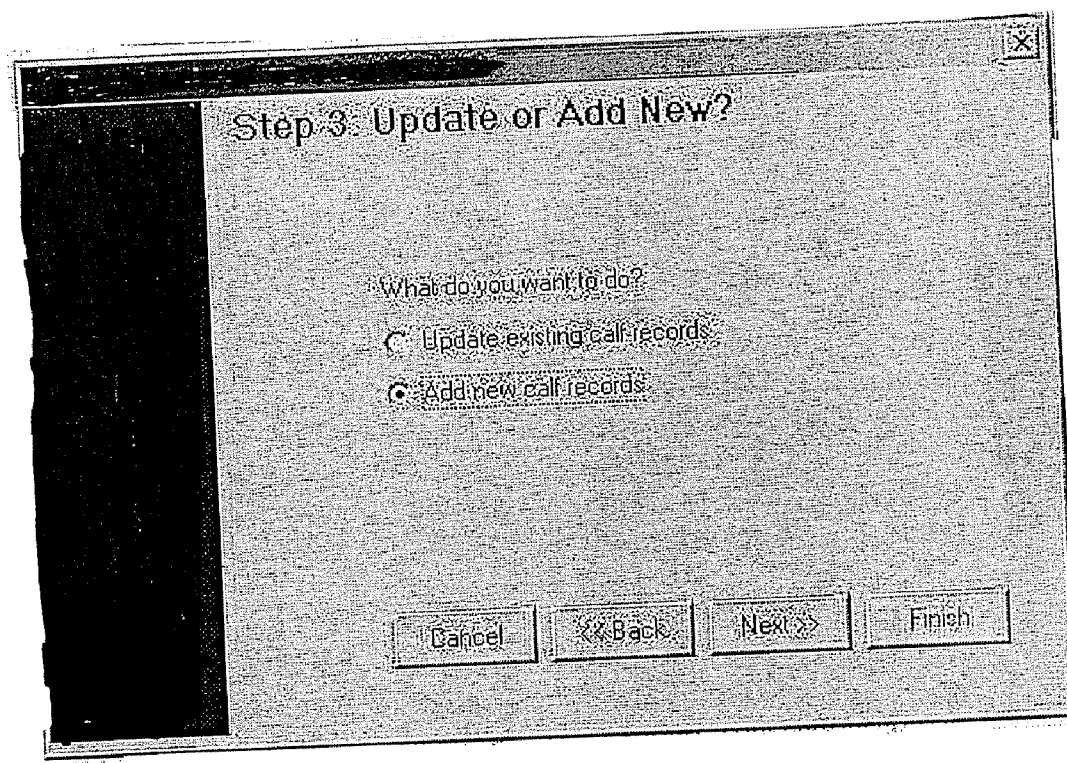


FIGURE 21

Step 4: Set Cohort Date

Select Cohort Date	
	Cohort Date
▶	3/1/2000
	3/1/1998
	3/7/1998
	3/1/1997
	3/1/1996
	3/9/1995

Please highlight the cohort date you wish to work in.

Add A New Production Cycle

Cancel << Back Next >> Finish

FIGURE 22

The screenshot shows a software window titled "Step 5: Enter New Calves". Inside the window, there is a table with the title "Enter New Calves:" and four columns: "EID", "Sort", "Cal ID", and "Sex". Below the table is a large empty rectangular area for data entry. At the bottom of the window, there is a label "Bag ID:" followed by a dropdown menu currently showing "ALL". To the right of the dropdown is the text "Enter new calves records". At the very bottom, there are four buttons: "Cancel", "<< Back", "Next >>", and "Finish".

Enter New Calves:			
EID	Sort	Cal ID	Sex

Bag ID: ALL Enter new calves records

Cancel << Back Next >> Finish

FIGURE 23



FIGURE 24

The screenshot shows a software window titled "Send to LEXTRON Feedyard". Inside the window, there is a message: "This utility exports data for upload to Lextron." Below this, it says "Source File: C:\COWSENSE\HERDS\SAMPLE.HRD". A note states: "Marked calves will be exported. Select and mark calves in Cow Sense for export." There are several input fields: "Departure Location" with a dropdown menu showing "EAST" and a "Setup Locations" button; "Feedyard" with a dropdown menu; "Ship Date" with a date field showing "7/27/2004"; and "Reference # " with a text field showing "234567". Below these is a "Description" label and a large text area. At the bottom, there are two buttons: "Export" and "Exit".

Send to LEXTRON Feedyard

This utility exports data for upload to Lextron.

Source File: C:\COWSENSE\HERDS\SAMPLE.HRD

Marked calves will be exported. Select and mark calves in Cow Sense for export.

Departure Location: EAST Setup Locations

Feedyard:

Ship Date: 7/27/2004

Reference #: 234567

Description:

Export Exit

FIGURE 25

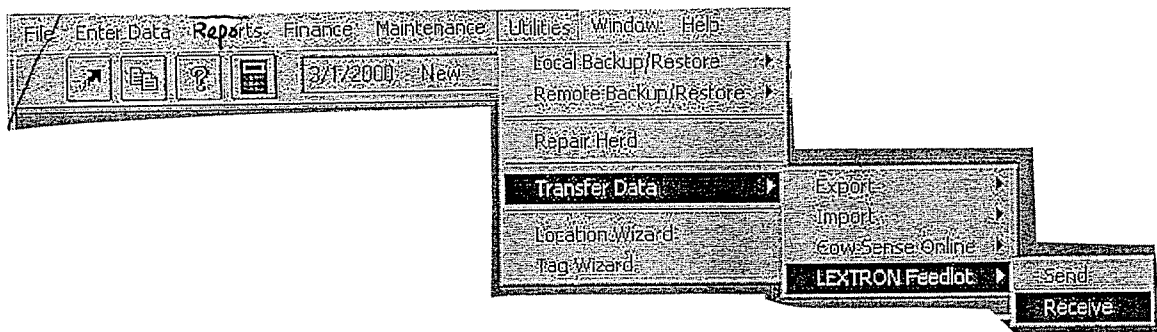


FIGURE 26

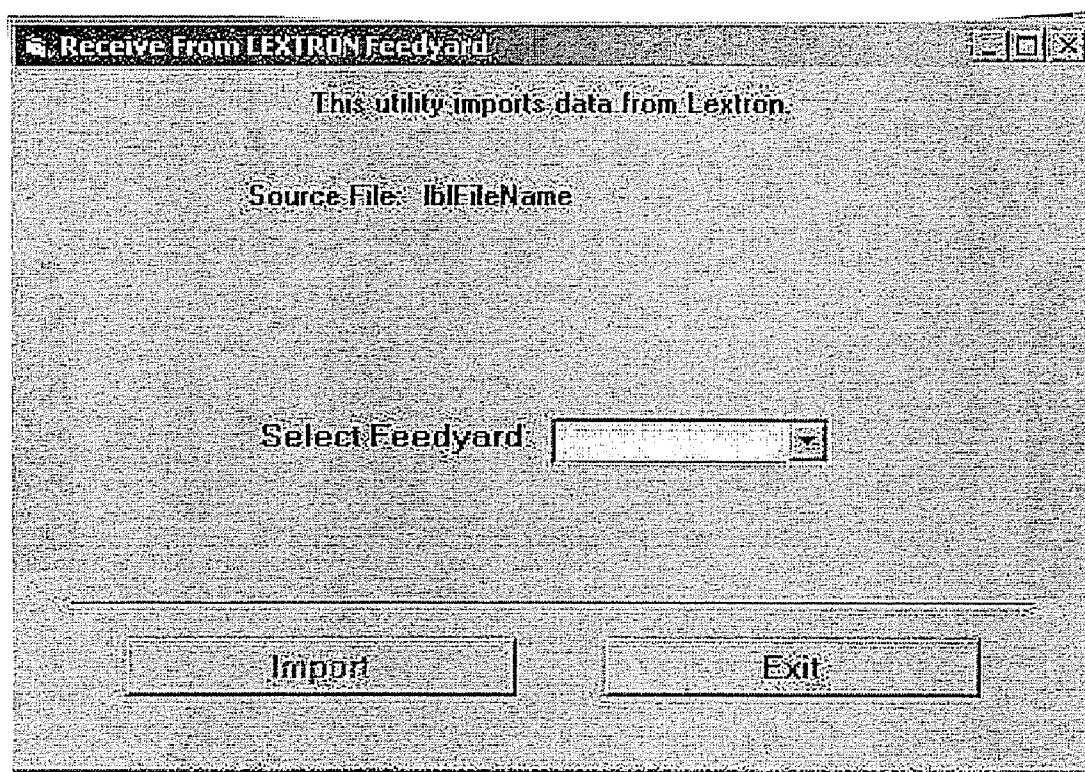


FIGURE 27

Processing

Lot: 440 Pen: 513 Avg Wt: 900.00 Sex: H

Head Count: In: 61 Pen: 60 Not In: 1

To Process: 61 Completion Status: Completed

Personnel: BR INTERFACE

Proc Date: 7/26/2004

Proc To Chain: ☒ # Of Days: ☐

☐ Fixed date ☐ ? days from selected processing ☐ ? days before proj. ship date ☐ ? days after in date

Processing Code: **PROC1** Drug List:

(Ctrl+M) Toggle Mass Treatment

Processing	Drug	Admin	HdCt	Zero	Dose	UOM	Usage	Comment	Drug Lot #
COMPEH			61	☐	1.00	DS	61.00		
COMPES			61	☐	1.00	DS	61.00		
COMPTH			61	☐	1.00	DS	61.00		
EAR			61	☐	1.00	EA	61.00		
IVERPO			61	☐	40.50	CC	2470.50		
PYR 5			61	☐	1.00	CC	61.00		

Process Individual/Animals:

FIGURE 28

Drug List

Drug Name	Drug Long Name
☐ 7 WAY	7 WAY
☐ 7WAY S	7 WAY/SOMNUS
☐ A180	A180
☐ ADSPEC	ADSPEC
☐ AGRI B	SULFADIMETHIZINE
☐ ALBONB	ALBON-SR BOLUS
☐ ALBONI	SULFADIMETHOXINE
☐ B COMP	VITAMIN B COMPLEX
☐ B1	VIT B1
☐ B100	BAYTRIL 100
☐ B12	CYANOCOBALAZIN
☐ B4L5	VAC 4 + LEPTO 5
☐ BANAMI	BANAMINE
☐ BANDS	BANDING LOOPS
☐ BATTLE	BATTLE DRENCH
☐ BLUE	BLUE LYTE
☐ B04	BRSV VAC 4

☐ Treatments Only
☐ Processing Only

OK Cancel

FIGURE 29

Report Parameters

Starting Date

Ending Date

☒ Active ☐ Inactive ☐ Both

Lot

FIGURE 30

Individual Animal Processing									
Lot	440	Pen	513	Avg Wt	900.00	Head Ct - In Pen	60	Not In Pen	1
Animal Information									
Tag ID	440001			NEW ANIMAL					
(F3) Animal Details									
Load ID				Sex	H		Class	Risk	
Origin				Owner	BERT SMITH				
Buyer				Breed	Angus				
Implant				To Pen	PROPER				
(F7) Drug Details									
Drug	Admin	Zero	Dose	UOM	Comment	Drug Lot #			
COMPEH	☐	☐	1.00	DS					
COMPES	☐	☐	1.00	DS					
COMPTH	☐	☐	1.00	DS					
EAR	☐	☐	1.00	EA					
IVERPO	☐	☐	0	CC					
PYR15	☐	☐	1.00	CC					
Headcount Processed						(Insert) Search (F5) Reset			
Post Processing						0 of 61			

FIGURE 31

Individual Animal Processing									
Lot	440	Pen	513	Avg Wt	900.00	Head Ct - In Pen	60	Not In Pen	1
Animal Information									
Tag ID	440146			Load ID					
Alt Tag ID	145			Sex	H	Class	Risk 1		
Ranch Tag	K125			Origin					
Weight	1855.14			Owner	BERT SMITH				
Temp	103.40			Buyer					
				Breed	Angus				
				Implant	PROPER				
				To Pen					
(F8) Animal Details									
Processing Code PROC1									
(F7) Drug Details									
Drug	Admin	Zero	Dose	UOM	Comment	Drug Lot #			
COMPEH		☐	1.00	DS					
COMPES		☐	1.00	DS					
COMPTH		☐	1.00	DS					
EAR		☐	1.00	EA					
IVERPO		☐	83.48	CC					
PYR 5		☐	1.00	CC					
Post Processing						Headcount Processed 0 of 61			
						(Insert) Search (F5) Reset			

FIGURE 32

Individual Animal Processing Parameters		
Tag Info Prefix 440 Suffix Start 001 Stop 061 ☐ Populate Alternate Tag Generate Tags	Animal Information Use EID ☒ Yes ☐ No ☒ Alternate Tag ☒ EID Tag ☒ Ranch Tag ☒ Weight ☒ Temperature ☒ Auto Save on EID	Animal Details ☒ Load ID ☒ Sex ☒ Class ☒ Risk ☒ Origin ☒ Owner ☒ Buyer ☒ Breed ☒ Implant Status ☒ To Pen
Establish Sort Criteria	Process Individuals	Cancel

FIGURE 33

Processing

Lot: 440 Pen: 513 Avg Wt: 0.00 Sex: H

Fixed date: 7/26/2004
 ? days from selected processing: Proc To Chain
 ? days before proj. ship date: # Of Days
 ? days after in date

Head Count: In: 61 Pen: 60 Not In: 1 Pen

To Process: 61 Completion Status: Scheduled

Personnel: BR INTERFACE

Processing Code: PROC1 Drug List

(Ctrl+M) Toggle Mass Treatment

Processing Drug	Admin	HdCt	Zero	Dose	UQM	Usage	Comment	Drug Lot #
COMPEH		61	☐	1.00	DS	61.00		
COMPES		61	☐	1.00	DS	61.00		
COMPTH		61	☐	1.00	DS	61.00		
EAR		61	☐	1.00	EA	61.00		
IVERPO		61	☐	40.50	CC	2470.50		
PYR 5		61	☐	1.00	CC	61.00		

Process Individual Animals Print Wk Ord Print History Post Processing Reset Exit

FIGURE 34

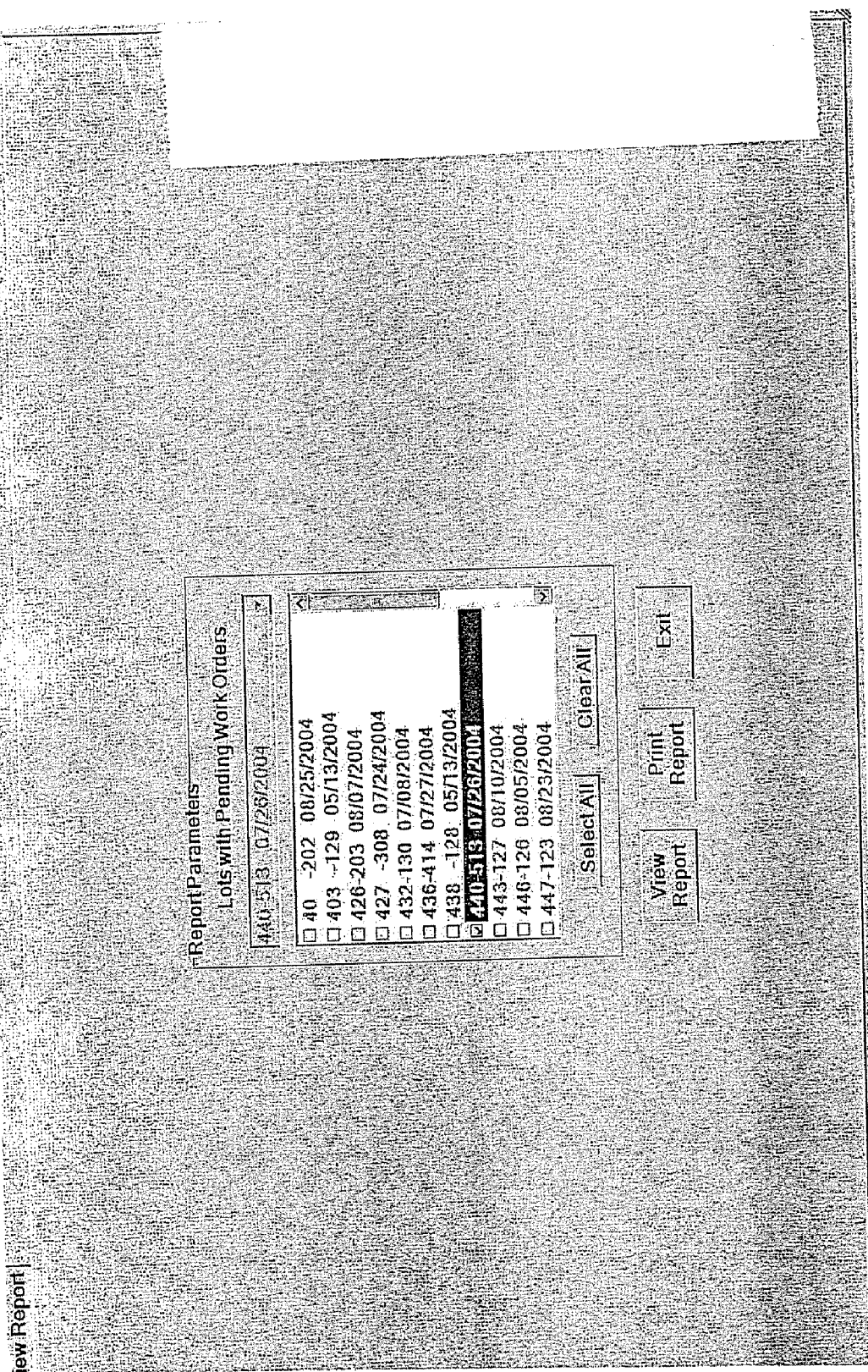


FIGURE 35

LEXTRON			
Processing/Mass Treatment Work Orders			
Date:	Head Count:	Type:	
7/26/2004 - 10:14 am	61	Processing	
Average Wt:			
900.0			
Lot:	Pen:		
440	513		
Drug	Head Cnt	Dose Usage Serial Numbers of Drug	
EAR		1.0 EA	
IVERPO		40.5 CC	
PYR 5		1.0 CC	
COMPEH		1.0 DS	
COMPES		1.0 DS	
COMPTH		1.0 DS	
Parameters View Report MainReport Exit Parameters			
Total Page No.	ZooHealth Plus v3.0		
Current Page No.			

FIGURE 36

Treatment/Processing Maintenance

Lot: 440 Pen: 513 Date: 7/6/2004

Personnel: ALEX CASTELLANO Processing: PROC1

Weight: 900.00

Drug	Admin	HdCt	Zero	Dose	UOM	Usage	Comment	Drug Lot #
COMPEH		60	☐	1.00	DS	60.00		
COMBES		60	☐	0	DS	0		
COMPTH		60	☐	1.00	DS	60.00		
EAR		60	☐	0	EA	0		
IVERPO		60	☐	40.50	CC	2430.00		
PYR-5		60	☐	0	CC	0		

☐ Treatments
 ☐ Mass Treatments
 ☐ Processing

FIGURE 37

Treatment/Processing Maintenance

Tag ID	440118	Sex	H	Date	5/7/2004
Condition	Active			Time	09:33:10 AM
Lot	440	Pen	513	To Date	\$0.00
Cur Pen	H1			Current	\$9.51
Origin				Total	\$9.51

Pen Rider		Diagnosis	A	Sev	
Weight	545.00	Temp	103.5	Treatment	A1
Implant		Comments			

Drug	Dose	UOM	Admin	Drug Lot #
A180	9.00	CC		
BAUTLE	6.00	OZ		

1 of 24

☐ Treatments
 ☐ Mass Treatments
 ☐ Processing

FIGURE 38

Tag ID

440146

Alt Tag ID

345

EID Tag

Lot

440

Home Pen

513

Sex

H

Origin

Owner

BERT SMITH

DOF

96

Buyer

DOR

To Dt

\$0.00

Ration

Current

\$8.72

Total

\$8.72

Ship Dt

10/01/04

1735

Today

07/26/04

1668

In Dt

04/22/04

1573

FIRST DAY PULL

Pen Rider

LEXTRON STAFF

Weight

900.00

Temp

103.4

Implant

MISSING - ABCESS

Diagnosis

P

Sex

3

Treatment

P1

Day

1

From

HOME

To

Drug

NAX

Dose

14.00

UOM

CC

Admin

Drug Lot #

TERR

45.00

CC

Temperature

Weight

(F6) Comments

Post Treatment

(F8) Treatment History (Spacebar) Details

Com	Date	Diagnosis	Treatment	Day	Temp	Wt	Sev
*	07/26/04		PROCI	1		900	
*	07/26/04		PROCI	1		1855	
*	07/26/04		PROCI	1		900	
*	07/05/04		PROCI	1		900	
	05/28/04	OB	OB1	1	101.0	715	

(Insert) Search

(F4) Override Criteria

(F5) Reset

(F7) Drug Details

(F9) Feed History

(F12) Cancel/Pending

FIGURE 39

Smaxtec Exhibit 1024
Smaxtec, Inc. v. ST Reproductive Tech, LLC
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Treatments **PRIOR DATE**

Tag ID	437160	Owner	BERT SMITH	DOF	126
Alt Tag ID	146	Buyer		DOR	
EID Tag		To Dt	\$35.13	Ration	
Lot	437	Current	\$15.66		
Home Pen	303	Total	\$50.79		
Sex	S	Ship Dt			
		Today	07/25/04		1667
		In Dt	03/23/04		1543

Pen Rider	LEXTRON STAFF	Weight	1077.18	Temp	104.5
Implant	PARTIALLY MISSING	Diagnosis	B	Sev	5
Treatment	B1	Treatment	B1	Day	1
From	416				
To					

(F6) Comments

Post Treatment

Temperature

Weight

Drug	NUFLOR	Dose	33.00	UOM	CC	Admin	Drug Lot #
------	--------	------	-------	-----	----	-------	------------

(F8) Treatment History (Spacebar) Details

Com	Date	Diagnosis	Treatment	Day	Temp	Wt	Sev
	07/22/04	B	B1	3	101.0	1070	
	07/20/04	B	B1	1	107.7	1065	

(Insert) Search (F4) Override Criteria (F5) Reset (F7) Drug Details (F9) Feed History (F12) Cancel Pending

FIGURE 40

Treatments									
Tag ID	440146	Owner	BERT SMITH	DOF	96	Temperature			
Alt Tag ID	J45	Buyer		DOR					
EID Tag		To Dt	\$0.00	Ration					
Lot	440	Current	\$8.72						
Home Pen	513	Total	\$8.72						
Sex	H	Origin							
Pen Rider	LEXTRON STAFF	Ship Dt	10/01/04		1735				
Weight	900.00	Temp			103.4				
Implant	MISSING - ABCESS	Today	07/26/04		1668				
Diagnosis	P	In Dt	04/22/04		1573				
Treatment	P1	FIRST DAY PULL							
From	HOME								
To									
(F6) Comments									
Post Treatment									
Drug NAX Dose UOM Admin Drug Lot # 14.00 CC 45.00 CC									
(F8) Treatment History (Spacebar) Details									
Com	Date	Diagnosis	Treatment	Day	Temp	Wt	Sev		
*	07/26/04		PROC1	1		900			
*	07/26/04		PROC1	1		1855			
*	07/26/04		PROC1	1		900			
*	07/06/04		PROC1	1		900			
	05/28/04	OB	OB1	1	101.0	715			
(Insert) Search (F4) Override Criteria (F5) Reset (F7) Drug Details (F9) Feed History (F12) Cancel Pending									

FIGURE 41

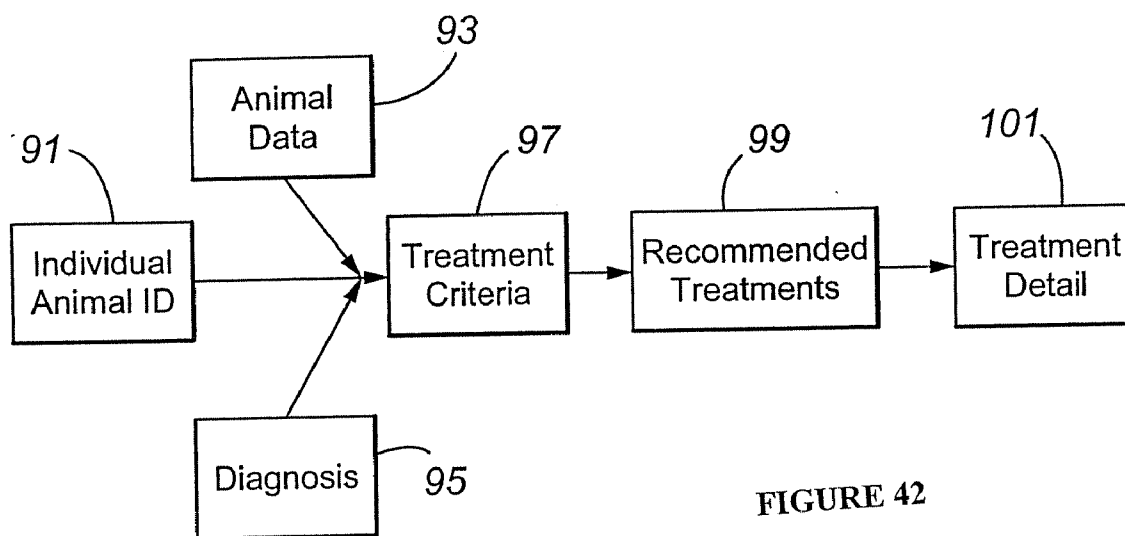
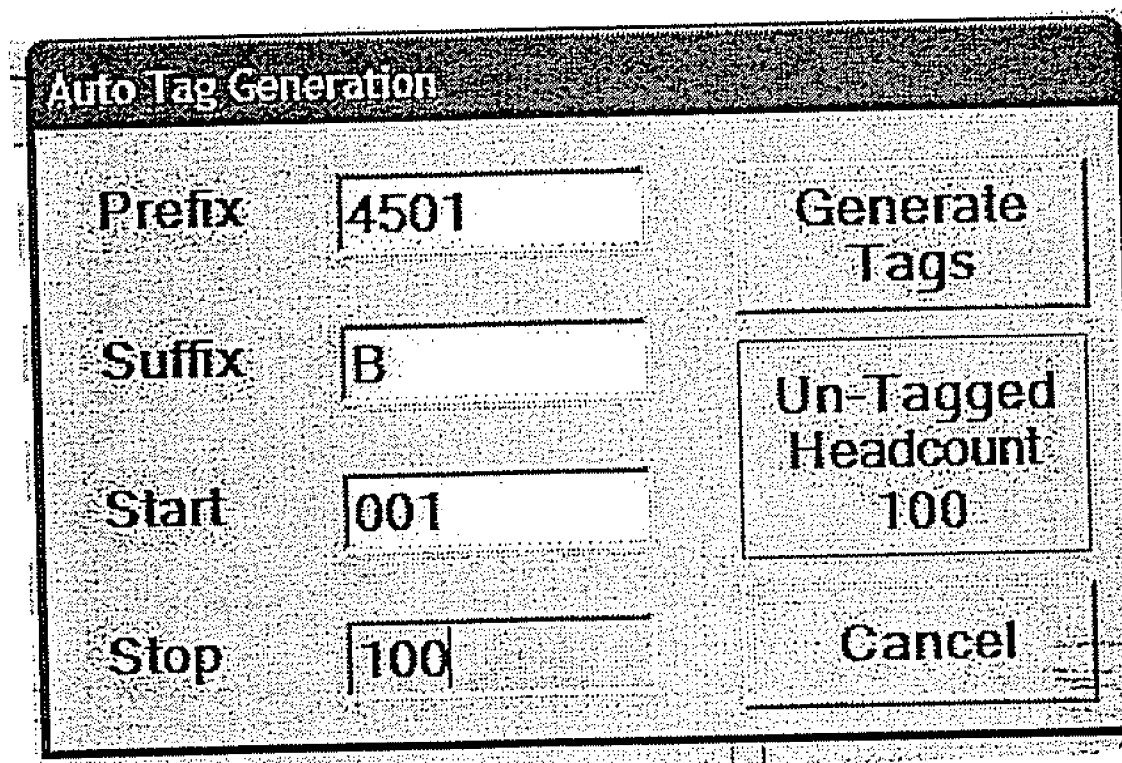


FIGURE 42

Cattle Receiving																												
Receiving Data Date 07/26/2004 Sex Bulls Head Count 100 Class OK Avg Weight 650.0 Risk 1 Total Weight 65000 Load ID 43 <table border="1"> <thead> <tr> <th>Select</th> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>☒</td> <td>AM</td> <td>Angus</td> </tr> <tr> <td>☒</td> <td>XX</td> <td>Multiple Breeds</td> </tr> <tr> <td>☐</td> <td>AR</td> <td>Red Angus</td> </tr> <tr> <td>☐</td> <td>BN</td> <td>Brangus</td> </tr> <tr> <td>☐</td> <td>BR</td> <td>Brahman</td> </tr> <tr> <td>☐</td> <td>BV</td> <td>Braunvieh</td> </tr> <tr> <td>☐</td> <td>CG</td> <td>Chianina</td> </tr> <tr> <td>☐</td> <td>CH</td> <td>Charolais</td> </tr> </tbody> </table> Owners Buyers Origin Breed Premise		Select	Code	Description	☒	AM	Angus	☒	XX	Multiple Breeds	☐	AR	Red Angus	☐	BN	Brangus	☐	BR	Brahman	☐	BV	Braunvieh	☐	CG	Chianina	☐	CH	Charolais
Select	Code	Description																										
☒	AM	Angus																										
☒	XX	Multiple Breeds																										
☐	AR	Red Angus																										
☐	BN	Brangus																										
☐	BR	Brahman																										
☐	BV	Braunvieh																										
☐	CG	Chianina																										
☐	CH	Charolais																										
Receiving Pen/Lot Data ☒ Pen ☐ Pasture Pen 107 Lot 4501 Comments NEW CATTLE																												
Transport Data P.O. Number 4502 Driver Name JOHN Cost \$45.30 Quantity 100 Comments ON TIME Vehicle ID 34 Vehicle Type MACK																												
Ration Data NEW SAVE DELETE CANCEL Exit																												

FIGURE 43



The image shows a software dialog box titled "Auto Tag Generation". It contains four input fields on the left, each with a label and a text box. The labels are "Prefix", "Suffix", "Start", and "Stop". The text boxes contain the values "4501", "B", "001", and "100" respectively. On the right side of the dialog, there are three buttons: "Generate Tags", "Un-Tagged Headcount 100", and "Cancel". The "Un-Tagged Headcount 100" button has the text "100" below "Un-Tagged Headcount".

Field	Value
Prefix	4501
Suffix	B
Start	001
Stop	100

Buttons: Generate Tags, Un-Tagged Headcount 100, Cancel

FIGURE 44

Group Movements

From Pen Lot Head

	Pen	Lot	Sx	Spcl	Head	Move
☐	102	419	S	4	74	0
☐	103	457	M	2	89	0
☐	104	459N	M	1	50	0
☐	105	420	S	3	3	0
☒	106	462N	S	0	152	152
☐	107	4501	B	0	100	0
☐	109	435	H	0	70	0
☐	110	431	H	0	41	0
☐	111	422	S	2	2	0
☐	112	416	S	7	69	0
☐	115	470	C	0	58	0

To Pen Lot Head

	Pen	Lot	Sx	Head
☒	106	462N	S	152

From Pen's Adjusted Ration Amount

To Pen's Adjusted Ration Amount

FIGURE 45

Group Movements

From Pen **Lot** **Head**

	Pen	Lot	Sx	Spcl	Head	Move
☐	102	419	S	4	74	0
☐	103	457	M	2	89	0
☐	104	459N	M	1	50	0
☒	105	420	S	3	3	3
☐	106	462N	S	0	152	0
☐	107	4501	B	0	100	0
☒	109	435	H	0	70	70
☐	110	431	H	0	41	0
☐	111	422	S	2	2	0
☒	112	416	S	7	69	69
☐	115	4170	S	0	100	0

To Pen **Pen** **Lot**

	Pen	Lot	Sx	Head
☒	112	416	S	69
☐	105	420	S	3
☐	109	435	H	70

From Pen's Adjusted Ration Amount

To Pen's Adjusted Ration Amount

FIGURE 46

Cattle Shipments

Pen Lot Head To Ship = 51

7/26/2004

Pen	Lot	Sex	Spcl	Head	Ship
☒	125	H	1	36	15
☒	511	H	1	19	19
☒	612	H	0	17	17

Pen	Lot	Sex	Head	Ship
☒	125	H	37	15
☒	511	H	20	19
☒	612	H	17	17

NEW SAVE DELETE CANCEL

Exit

FIGURE 47

Detailed Cattle Shipments

Shipping Data

Ship	Lot	Pen	Sex	In Date	Proj Ship Dt	In Wt	Cur Wt	DDF	ADG	Hd In	Hd Out	In Spd	In Pen
	24	601	M	11/29/2003		613	613	240		16	0	3	13
	322S	403	H	1/16/2004		1571	571	192		143	5	1	137
	388	606	S	10/2/2003		412	412	298		3	0	0	3
	389	606	S	10/2/2003		496	496	298		12	1	0	1
	390	404	S	10/3/2003		459	459	297		7	0	0	7
	391S	501	H	1/16/2004		638	638	192		103	39	1	63
	40	202	H	5/19/2004	1/16/2005	568	568	68	2.3	130	0	3	127
	403	129	H	3/16/2004	9/30/2004	693	693	132	3.3	126	1	3	122
	416	112	S	12/19/2003	7/15/2004	542	542	220	3.2	112	43	7	62
	417	307	M	1/18/2004		667	667	190		114	109	3	2
	419	102	S	1/22/2004	7/12/2004	729	749	185	3	75	1	4	70
	420	105	S	1/27/2004		677	677	181		77	74	3	0

Transport Data

Pen

102/419

Date

7/26/2004

11:17:40 AM

Head

70

Tot Wt

85340

Avg Wt

1219

Carrier

LOCAL TRUCKING

Vehicle ID

4

Destination

To Premise ID

NEW

SAVE

DELETE

CANCEL

Quality Assurance Report

Exit

Owners

RUBEN RICHARDSON

From Premises

FIGURE 48

Ship By Tag With Weight Entry

Lot/Pen: 4501/107

Date: 7/26/2004 11:24:29 AM

Carrier: LOCAL

Vehicle ID: 4

Destination:

To Premise ID:

Driver: DAVE

Vehicle Type: NEW

Comments:

Owners:

From/Premises:

Primary: 4501002B

Alternate:

EID:

Ranch:

Weight: 1150 Scale: Shipped: 1

Group Wt: Avg Wt:

NEW SAVE DELETE CANCEL

Primary Tag	Lot	Home	Special	Wt
4501001B	4501	107		1200
4501003B	4501	107		1100
4501002B	4501	107		0

Exit

FIGURE 49

Deads, Rainers, and Realizers																																																											
Type	☒ Dead	☒ Rainer	☒ Realizer	☐ No Tag																																																							
Tag ID	4501004B																																																										
Date	7/26/2004																																																										
Lot	4501																																																										
Home Pen	107																																																										
Death Pen	107																																																										
Death Location	Home Pen																																																										
Death Code	R																																																										
Weight	600																																																										
Pen Rider	LEXTRON STAFF																																																										
Rail Pen																																																											
Reference #	45																																																										
Comment	DEAD IN PEN																																																										
Primary					Alternate					Lot					Home					Spcl																																							
4501004B										4501					107																																												
NEW										SAVE										DELETE										CANCEL										Report										Exit									

FIGURE 50

Deads, Railers, and Realizers									
Type	Dead	Railer	Realizer	No Tag	Primary	Alternate	Lot	Home	Spcl
					4501005B		4501	107	

Tag ID	4501005B
Date	7/26/2004
Lot	4501
Home Pen	107
From Pen	107
Death Location	
Reason	R
Weight	700
Pen Rider	LEXTRON STAFF
Rail Pen	108
Reference #	
Comment	RAILER

NEW
 SAVE
 DELETE
 CANCEL
 Report
 Exit

FIGURE 51

Deads, Rallers, and Realizers									
Type	☒ Dead ☒ Raller ☒ Realizer ☐ No Tag								
Tag ID	4501006B		Primary	Alternate	Lot	Home	Spcl		
Date	7/26/2004		4501006B		4501	107			
Lot	4501								
Home Pen	107								
From Pen	107								
Death Location									
Reason	R								
Weight	400								
Pen Rider	LEXTRON STAFF								
Rail Pen									
Reference #									
Comment	SHIPPED REALIZER								
NEW SAVE DELETE CANCEL Report Exit									

FIGURE 52

Individual Movements

From Pen Data

Tag ☐ Primary ☒ Alternate

Lot Pen ☐ Select/All

Primary Tag	Lot	Home	Spcl	Code
☒ 209233	20	311	416	A
☒ 209363	20	311	416	A
☒ 24280	24	601	416	A
☐ 24303	24	601	416	A
☐ 322343	322S	403	416	A
☒ 391165	391S	501	416	A
☒ 401	40	202	416	A
☒ 402	40	202	416	A
☒ 403731	403	129	416	A
☒ 403747	403	129	416	A
☒ 416794	416	112	416	A
☒ 425153	425	RYE	416	A
☒ 428970	428	613	416	A
☒ 430933	430	410	416	A
☐ 432800	432	130	416	A
☒ 432804	432	130	416	A
☒ 437160	437	303	416	A

To Lot Head To Move = 37

To Pen ☐ Ship ☒ Send Home

FIGURE 53

Lot Master

Lot **24** Sex **Mixed** (Insert) Lot Search

Pen **601**

Receiving Information

Head Received **16**

Date Received **11/29/2003**

Avg In Weight **613**

Off Truck Weight **9808**

Pay Weight **613**

Shipping Information

Proj Ship Date

Ship Date

Out Weight

Realized **0**

Deads **0**

Head Shipped **0**

Head Counts

Current **16**

Buller **0**

Hospital **1**

Recovery **2**

Chronics **0**

Railers **0**

Home Pen **13**

Cattle Status

Class

Avg Wt **613.0**

Risk Factor **0.00**

ADG **0**

Comments

Owners

☒ BV Braunvieh

☐ AM Angus

☐ AR Red Angus

☐ BN Brangus

☐ BR Brahman

☐ CG Charolais

☐ CH Charolais

☐ GV Gelbvieh

☐ HH Hereford (horned)

☐ HP Hereford (polled)

☐ Owners

☐ Buyers

☐ Origin

☐ Breed

☐ Premise

☐ Load ID

Create Processing

11 of 92

Navigation: FIRST, PREV, NEXT, LAST, NEW, SAVE, DELETE, CANCEL, Exit

Auto Generate Tags

FIGURE 54

Deads Maintenance									
Filters									
Tag		Lot		Pen		Date			
Primary Tag	461423	Weight	545.0	Pen Rider	ALEX CASTELLANO				
Alternate Tag		Reference #	18243						
Lot	461N	Comment							
Home Pen	507								
Death Date	7/23/2004								
Death Pen	H3								
Death Location	Hospital								
Death Code	ACUTE PNEUMONIA								
2 of 30									
FIRST PREV NEXT LAST	NEW SAVE DELETE CANCEL								
Exit									

FIGURE 55

Railers Maintenance

Filters Tag Lot Pen Date

Primary Tag 4501005B Weight 900.0

Alternate Tag Pen Rider LEXTRON STAFF

Lot 4501 Comment

Home Pen 107

Rail Date 7/26/2004

Rail Pen 108

Reason RETREAT

1000

IS FIRST PREV NEXT LAST NEW SAVE DELETE CANCEL

Exit

FIGURE 56

Realizers Maintenance										
Filters		Tag	Lot	Pen	Date					
Primary Tag		4501006B		Pen Rider	LEXTRON STAFF					
Alternate Tag				Comment	SHIPPED REALIZER					
Lot		4501								
Home Pen		107								
Date		7/26/2004								
Weight		600.0								
Reason		RETREAT								
1 of 8										
1<	<	PREV	>	NEXT	>	LAST	NEW	SAVE	DELETE	CANCEL
Exit										

FIGURE 57

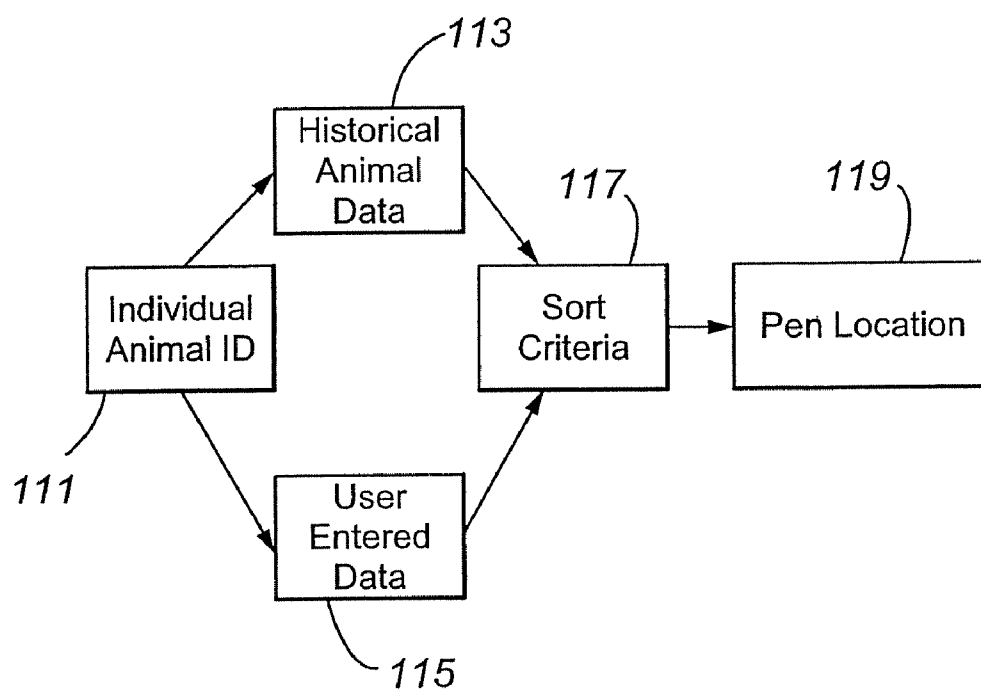


FIGURE 58

From Pen 

Pen 615 View Details

Lot (s) 234

Head Count 45

Head Count not in Pen 0

Tag Count 45

270

From File 

File Location CA Premise

From Premises KS-9087

Record Count 34

274

Pen 616 View Details

Lot (s) 236

Head Count 45

Head Count not in Pen 0

Tag Count 45

272

Animal Information

EID Tag 840685439645322

Tag ID Y100

All Tag ID Y100A

Ranch Tag Y1

Weight 689.00 ** Manual ** (F10) TOGGLE MANUAL

Temp 102.20 (F11) TOGGLE MANUAL

Processing Code STEERS

(F8) Animal Details

Load ID 02052005 1

Sex S Class Risk

Origin MISSOURI

Owner BUD OWLINS

Buyer GEORGE JETSON

Breed Angus

Implant

To Pen 900 (F12)

(F7) Drug Details

Drug	Admin	Zero	Dose	UOM	Comment	Drug Lot #
SYN S		☐	1.00	LA		
1AG		☐	1.00	LA		

Post Processing

284

Headcount Processed

0 of 124

Change Sort Criteria

View Sort Criteria

Pen 900 View Details

Lot (s) 1234

Head Count

Head Count not in Pen

Tag Count Avg Wt.

Sort Criteria: Weight 600-700
Breed = Angus
Sex = Steers

Pen 901 View Details

Lot (s) 1235

Head Count

Head Count not in Pen

Tag Count Avg Wt.

Sort Criteria: Weight 600-700
Breed = Angus
Sex = Heifers

Pen 902 View Details

Lot (s) 1236

Head Count

Head Count not in Pen

Tag Count Avg Wt.

Sort Criteria: Weight 701 - 1200
Breed = Angus

To Pen (s)

FIGURE 59

Custom Criteria	
Criteria Name	WEIGHT GAINED
Criteria Desc	WEIGHT GAINED IN YARD
Criteria Type	☐ Feeding ☐ Treatment ☐ Both
Formula	[ADG]*[DAYS_ON_FEED]
Fields	Verify Syntax
Math	< > >= <= Math Logicals Date
OK PREV NEXT LAST SAVE DELETE CANCEL Exit	

FIGURE 60

Diagnoses			
Code	Description	Dth Equiv	Diagnosis Class Code
A	ACUTE PNEUMONIA		OTHER
B	CHRONIC PNEUMONIA		OTHER
C	FROTHY PNEUMONIA		OTHER
D	MISCELLANEOUS		OTHER
E	DIPHTHERIA/HONKER		OTHER
F	HONKER		OTHER
G	DIGESTIVE		OTHER
H	BLOAT		OTHER
I	ACIDOSIS		OTHER
J	COCCIDIOSIS		OTHER
K	BOWEL OBSTRUCTION		OTHER
L	FOOTROT		OTHER
M	ACUTE PNEUMONIA 2		OTHER
N	VAGINAL PROLAPSE		OTHER
O	CAI VFR/ABORTION		OTHER

Save
Report
Exit

FIGURE 61

Diagnosis Class Maintenance												
Class Code		AIP										
Description		AIP										
1 of 10												
1<	FIRST	<	PREV	>	NEXT	>	LAST	NEW	SAVE	DELETE	CANCEL	Exit

FIGURE 62

Inventory	
Drug ID	7WAY
Name	7WAY
Description	
Manufacturer	
Generic Equivalent	
Financial Equivalent	7WAY
Item Type	DRUG
Shelf Life	10
Usage	
Standard Dose	2.0
Dose/CWT	0
Maximum Dose	0.0
Rounding Rule	1
Unit of Measure	Dose
Treatment Type	P
Transition Item	
Qty on Hand	-838.00
Minimum Qty	0.00
Reorder Qty	0.00
Last Unit Cost	\$0.0000
Avg Unit Cost	\$0.2247
Price Basis	
Mark Up %	0.00
Sales Tax %	0.000
Taxable Item	
Sales Price	\$0.2247
Inventory	

Cost and Pricing

Inventory

Receipts

Adjustments

Inquiry

Report

Exit

1 of 91

FIRST

PREV

NEXT

LAST

SAVE

DELETE

CANCEL

FIGURE 63

Inventory Receipts			
Drug ID	7 WAY	Before	After
Name	7 WAY	\$0.0000	Avg Cost \$0.3455
UOM	Dose	-838.00	On Hand 162.00
Receipt		Quantity	Total Cost
Date	7/26/2004	1,000.00	\$345.5000
Purchase Order	1234		
Drug Lot Number	4562791673		
Transport Information			
Driver Name	CHIP		
Driver ID	54		
Vehicle ID	458		
Vehicle Type	VAN		
Vehicle Capacity	1	Transport Type	4
Comments	LATE		
Post		Report	Exit

FIGURE 64

Inventory Adjustments			
Drug ID	7 WAY	Before	After
Name	7 WAY	\$0.3455	\$0.3455
UOM	Dose	162.00	212.00
Adjustment			
Date	7/26/2004	Quantity	50.00
Type	Adjustment	Total Value	\$17,2750
		Reason	MISSED ON COUNT
Post		Report	Exit

FIGURE 65

Inventory Inquiry			
Drug ID	7 WAY		
Name	7 WAY		
Unit of Measure	Dose		
Beginning Period	4/24/2004		

	Quantity	Cost	Unit Cost
Beginning Balance	0.00	\$0.00	\$0.0000
To Date Usage	-838.00	\$0.00	\$0.0000
To Date Receipts	1,000.00	\$345.50	\$0.3455
To Date Adjustments	50.00	\$17.28	\$0.3455
Inventory Balance	212.00	\$362.78	\$1.7112

Exit

FIGURE 66

Implant Status Codes

Code

ABCS

Code Description

ABCESS

1 of 10

NEW

SAVE

DELETE

CANCEL

1< FIRST

< PREV

> NEXT

>1 LAST

Report

Exit

FIGURE 67

Recommended Treatments

Associated Diagnosis

C FROTHY PNEUMONIA

Treatment Name

C3

☒ Treatment
 ☐ Processing

☐ Observation Only

Recommended Treatment in Use

☒

Seq	Drug	Dose/100	Std Dose	Max Dose	Site	Cautions	Side Effects
1	BLUE	0.0	1.0	0.0			
1	DEX	1.0	0.0	0.0			
1	EX	1.5	0.0	0.0			
1	LASIX	0.0	10.0	0.0			
2	BLUE	0.0	1.0	0.0			
2	DEX	1.0	0.0	0.0			
2	EX	1.5	0.0	0.0			
2	LASIX	0.0	10.0	0.0			
3	BLUE	0.0	1.0	0.0			
3	DEX	1.0	0.0	0.0			
3	EX	1.5	0.0	0.0			
3	LASIX	0.0	10.0	0.0			
*							

19 of 65

FIGURE 68

Recommended Treatment Criteria

Diagnosis: Recommended Treatment

IF	Temperature	>=	103.0	AND <	104.0	☒ AND
IF	Severity Level	=	4			☒ AND
IF	Class Code	=	NEB			☐ AND
IF		>=		AND <		☐ AND
IF		>=		AND <		☐ AND
IF		>=		AND <		☐ AND
IF		>=		AND <		☐ AND
IF		>=		AND <		☐ AND
IF		>=		AND <		☐ AND

FIGURE 69