



USER GUIDE

Version 3

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INTRODUCTION

Historically milk recording has been seen as a way to get official milk production records, and this is important especially when marketing cows, but The Cattle Information Service provides so much more. Fertility, health, conformation and ancestry of cows are all important factors that determine if a cow is an asset to the herd or a liability. However, with free time and income on farms being limited at present, it is not always easy for farmers to get the time to make important management decisions concerning the future of individual animals.

CIS has tackled this problem head on by developing the web based 'Your Herd' management program, that includes systems and tools that allow the farmer and advisors to view the complete picture of the herd and investigate individual cows, allowing essential management decisions to be made without the need to spend valuable time wading through information from several different sources.

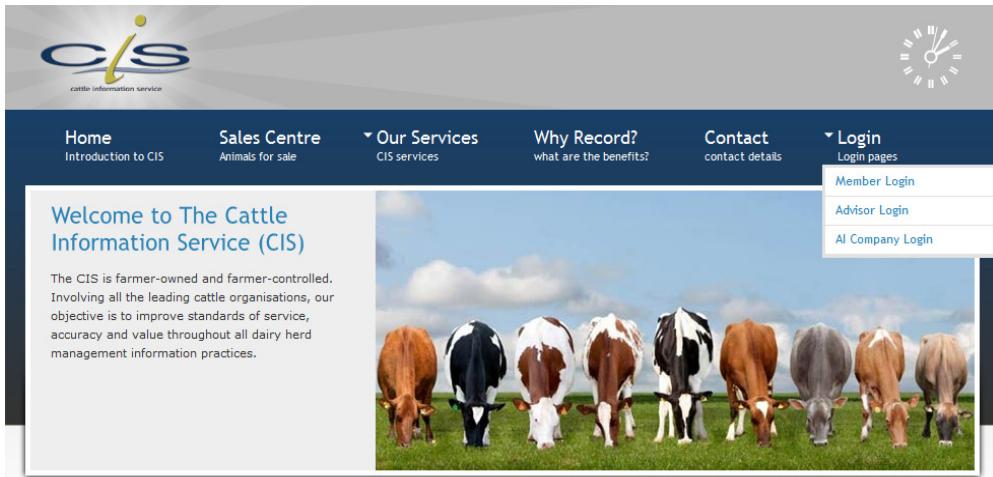
Farmers can also use the data entry area to input events when they happen and all the records are completed. For instance, when entering a calving not only are the milk records updated with a new lactation and the calf added to the youngstock report but, by placing a tick in the box, farmers can apply for BCMS passports and, if needed, pedigree registrations. The new birth is also automatically added to the movement book, ensuring the records meet legislative requirements. All dairy herd events can be added in the same manner, thus eradicating the need for duplication.

Inputting data is fast and efficient, but it is when accessing the information that the system comes into its own. As CIS is part of the Centre of Dairy Information, a wealth of data can be viewed and, as a large part of the website is interactive, users can quickly pinpoint cows that need attention. The fertility, health and cell count sections highlights problem cows, allowing farmers to take immediate action. There is also the facility to print out paper reports, not only those associated with milk recording such as milk statements and lactation certificates, but action lists for outside use. One of the great benefits is the website can be used as a stand alone tool or be used in conjunction with software that is already present on farm, with the facility to download data files to update farm or vet programs such as Orchid, Sum-It, Uniform and Interherd.

All the information is kept in a secure environment, which gives the farmer the peace of mind that if there are computer problems on his farm, his records will not be affected. The data can only be accessed using a password and PIN, therefore the farmer chooses who sees the herd's information. Users can also register a mobile phone number to receive a text message when milk records are updated, allowing farmers and advisors to view important cell count information without relying on posted paper reports.

There is no extra cost to use the service, so whether the farmer chooses to view only after each milk-recording test or to use the data entry options. 'You Herd' offers real time and financial benefits.

1 Login



The screenshot shows the CIS website homepage. At the top, there is a navigation bar with links for Home, Sales Centre, Our Services, Why Record?, Contact, and Login. The Login link is expanded to show sub-options: Member Login, Advisor Login, and All Company Login. The main content area features a welcome message, a brief description of CIS's mission, and a photograph of a herd of cows grazing in a field. A clock icon is in the top right corner.

All Milk recording customers and their advisors can access herd data through the login on the home page.

1a. Member Login

Your Herd Powered by CDI

Login

Welcome to Your Herd. This provides you with an up to date view of your data.

Herd No: (Click here if you are a non-CIS customer)

PIN:

Note: You will be logged out automatically if after 60 minutes you have done nothing

(Click here if you have forgotten your login details)

1b. Advisor Login

Your Herd Powered by CDI

Advisor/Vet Access to Farmers Data

Please enter your Vet ID and password to access your customer's data.

Advisor ID:

Password:

Note: You will be logged out automatically if after 60 minutes you have done nothing

Please click HERE to download the advisor access form

Please click HERE to download the farmer data transfer permission form

Advisor access and farmer data transfer permission forms are also available here

2. Herd Management Menu



DEMO HERD Herd No: 10346 (recorded on 18 Aug 2010)

Main Menu

- [Herd Management Menu](#)
- [Reports Menu](#)
- [Data Download Menu](#)
- [Webmate](#)
- [Bull Selector](#)

The interactive area of 'Your Herd' is under the banner of Herd Management Menu, here users can access all management tools, including pedigree society breeding tools if applicable

2a. Herd Data Entry



DEMO HERD Herd No: 10346 (recorded on 18 Aug 2010)

<<< Back to Main Menu

Herd Management Menu

- [Herd Data Entry](#)

Add/Record Animal Events



DEMO HERD Herd No: 10346 (recorded on 18 Aug 2010)

<<< Back to Herd Data Entry

Add / Record Animal Events

Add Calvings	Add Bought in Animals
Add a Single Service	Add Batch Services
Add Individual Pregnancy Diagnosis Events	Add Batch Pregnancy Diagnosis Events
Add Individual Left Herd Events	Add Batch Left Herd Events
Add Individual Dry Events	Add Batch Dry Events
Add Health Events	Log Temporary Movements
Record YS Weights and Heights	Record Mobility
Assign YS LineNo's	Register Calves/Request Passports
Maintain list of Inseminators	Choose Sires for Data Entry screens

In this area users can record routine events on farm by either single entry or by batch. Recent user driven enhancements now include the ability to record mobility scores and weights and height for youngstock. (further detail in our mobility monitoring and data entry handbooks)

2b. Medicine Book

Your Herd - Medicine Book

Note.. Before adding new treatments you should update your Suppliers, Medicines & Own Farm Treatments/Conditions

<u>Setup</u>	<u>Drug & Treatment Administration</u>	<u>Reports/Prints</u>
→ Add/Maintain Suppliers	→ Add/Update Treatments	→ View Milk/Meat and Medicines Purchases Reports
→ Add/Maintain Medicines	→ Add Batch Treatments	→ View Treatment History
→ Add/Maintain Treatments/Conditions	→ View Actions/Outstanding Tasks	→ View Drug Usage History

The philosophy behind the web based medicine book was to ensure that the information met legislation and that the data entered became a management tool rather than a tick box exercise.

The on-line med book has 3 areas each with 3 steps

Area 1 Setup – Add/Maintain Suppliers

Supplier Name	(Once the name has been set it cannot be changed)
Address	The address details of the supplier
County	
Post Code	
Contact Nos	up to 2 telephone no's for the supplier
Notes	

Add New Supplier **Close**

Each supplier of medicines needs to entered, the details can be amended if need be.

Setup – Add/Maintain Medicines

Medicine	(Either choose a standard medicine) <input type="button" value="▼"/>	Select the medicine from either of these lists		
	(Or choose a medicine you have recently used) <input type="button" value="▼"/>			
	(Or enter the name of a new medicine)	Or type in the name of a new medicine		
Supplier	(Choose the supplier) <input type="button" value="▼"/>			
Batch No				
Date Purchased				
Date Expires				
Quantity Purchased	(Choose Unit) <input type="button" value="▼"/>			
Withdrawal Period - Milk	(standard) <input type="button" value="▼"/>	(organic) <input type="button" value="▼"/>	hours <input type="button" value="▼"/>	
- Meat	(standard) <input type="button" value="▼"/>	(organic) <input type="button" value="▼"/>	days	
- Calving	(standard) <input type="button" value="▼"/>	(organic) <input type="button" value="▼"/>	hours <input type="button" value="▼"/>	Additional withdrawal period after calving for dry cow therapies
Purchase Price	£			
<input type="checkbox"/> Drying Off Treatment				
Notes				

Add New Purchase **Close**

As each medicine is purchased, the name, quantity, batch number and supplier must be entered to meet legislation. This can be done by the farmer or remotely by the vet when dispatching the drugs to the farm.

Setup – Add/Maintain Treatments/Conditions

Description		Add your own reason for treatment if none of the standard list are suitable Warning: These treatments will not appear in summary reports like the Health Planner Wallchart	
Category (Choose the Category)		Add New Reason for Treatment Close	
	Reason	Category	
Edit	ENCOURAGE MILK LETDOWN	Mammary System Infections/Conditions	
Edit	HIGH CELL COUNT	Mammary System Infections/Conditions	
Edit	OVERDUE !	Reproduction System/Calving Conditions	

There are list of standard condition and treatments, but farmers may wish to add their own reason for treatment. If this is the case the farmer must assign the reason to a category.

Area 2 Drug Treatment and Administration – Add/Update Treatment

Animal SCOTSHILL WINBUR HENJA 2 LineNo=0670 HBN=01/10866819		Treatment History	CellCount History
Medicine	(No Medicine Used)	No. of cc, Pills, Tubes, Boluses etc, if the treatment occurs more than once this is the amount per treatment	
Treatment Date/Time	Midday	Occurs Once	If this is ongoing treatment for a problem identify the original treatment
Quantity Used	Name of person applying the medicine		
Reason For Treatment (Choose the reason)	(Choose the detail)	If you enter a no. of days, you will be reminded to enter the current status after this time	
Problem First Treated (First treatment for the problem)			
Administered By			
Symptoms			
Results of Treatment	(prompt after <input type="text"/> days)		
Follow Up Notes			
Add New Treatment Close			
Treatments in the last 18 months			
Edit	Fri 20 Aug 10 6PM, 25 cc of SWISH, Fly Spray		
Edit	Thu 15 Jul 10 12PM, 5 cc of BOVIVAC S, Vaccination		

Once an animal is selected a single treatments can be administrated, health history can be viewed, milk/meat withdrawal will be populated once the drug has been selected, A reminder will be set to check recovery progress.

Treating animals as a batch e.g. fly spraying or foot trimming

Step 1 - Choose the treatment

Medicine	(No Medicine Used)	No. of cc, Pills, Tubes, Boluses etc, used per treatment for each animal	
Treatment Date/Time	Midday	Occurs Once	Name of person applying the medicine
Quantity Used	If you enter a no. of days, you will be reminded to enter the current status after this time		
Reason For Treatment	Routine Disease/Infection Preventative Treatments		
(specifically)	Routine foot dipping		
Administered By			
Results of Treatment	(prompt after <input type="text"/> days)		
Step 2 - Add Groups of Animals Step 2 - Add Individual Animals Close			

Step 2 – Select animals

Treat on 31 Aug 10 12PM for Routine foot dipping (Routine Disease/Infection Preventative Treatments)					
Milking Herd		(Female)		List Animals	
Add treatments for ticked animals Close					
Line No	Animal Name	EarTag	DOB	Lact No	
<input checked="" type="checkbox"/> 0345	SCOTSBRIDGE FAVOURITE 11	164553100001	27 May 2000	7	
<input checked="" type="checkbox"/> 0386	SCOTSBRIDGE ELLEN 9	363342400031	18 Sep 2000	7	
<input checked="" type="checkbox"/> 0391	SCOTSBRIDGE ELLA 23	363342700034	25 Sep 2000	7	

Drug Treatment and Administration – View Actions/Outstanding Tasks

All animals that are treated appear on a due list, when they require further attention.

The following tasks are due, click on an individual action to complete the task				
Choose Action	Animal ID.	Reason for Treatment	Task	Date Task Due
- Edit Treatment - Flag Animal as Clear	SCOTSBRIDGE FAVOURITE 11 LineNo=0345 HBN=01/10011402	Mastitis (Front Left)	Log results after 7 days	Sun 08 Aug 10 12PM
1 Page 1 of 1				

If the animal needs no further treatment the farmer can mark them as clear or reset the reminder.

Area 3 Report & Prints – View Milk/Meat Withdrawal and Medicine Purchases

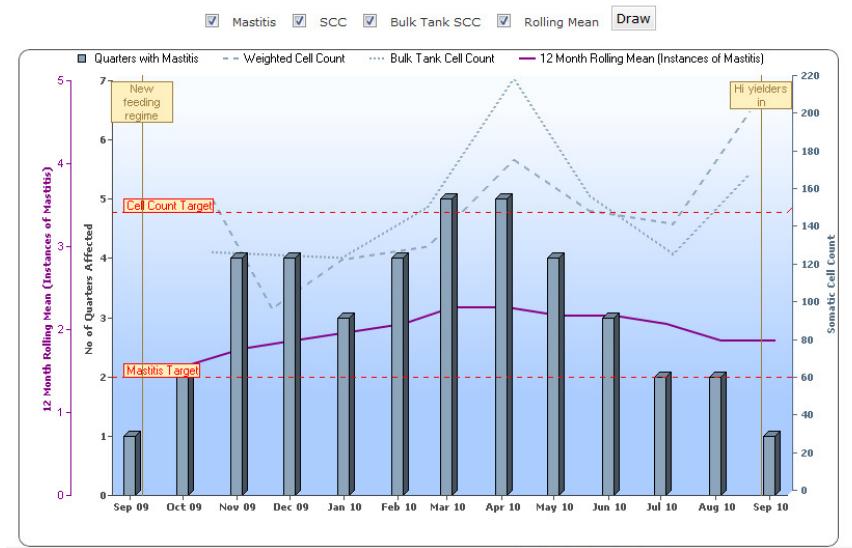
<input checked="" type="radio"/> Medicine Withdrawal Report
<input type="radio"/> Parlour Sheets
<input type="radio"/> Medicines Purchased
01 Sep 2010 [Print]
Start Date <input type="button" value="Use Standard Withdrawal Period"/>
<input type="button" value="Run The Report"/> <input type="button" value="Close"/>

Reports & Prints – Treatment & Drug Usage History

Vets and farmers can now interrogate treatment and drug usage history to ascertain which treatments have been successful

Metabolic Disorders/General Infections/Diseases			Between: 01 Sep 2009 [Print] And : 15 Aug 2010 [Print] <input type="button" value="Select"/>			
Animal ID.	Treated	Medicine (Batch No.)	For	Symptoms	Results of Treatment	Follow Up Notes
651	03 Apr 2010		LDA	LOW MILK YIELD,SUNKEN EYES,LOOSE	Animal Clear	CRONYXIN 20MLS BN9H032, COMBICLAV 100MLS BN93
386	04 Dec 2009	FOSTON (A108A05)	Milk Fever		Animal Clear	
442	11 Aug 2010		Milk Fever	OFF LEGS, CALCIUM GIVEN IN VEIN	Animal Clear	
UK362512101413	10 Jan 2010	TERRAMYCIN INJECTION (80453030AH)	Pneumonia		Animal Clear	

This is an example of the reports available, the screen can be filtered by treatment reason and parameters set for a specific dates. This is mirrored in the drug usage area.



This graph in the 'Health Wall Planner', area brings together information from the medicine book and milk recording.

The blue lines depict the somatic cell count levels in the herd.

The blue bars are the amount of cases mastitis treated each month

The purple line is the mean average

Date notes can also be added that could influence performance

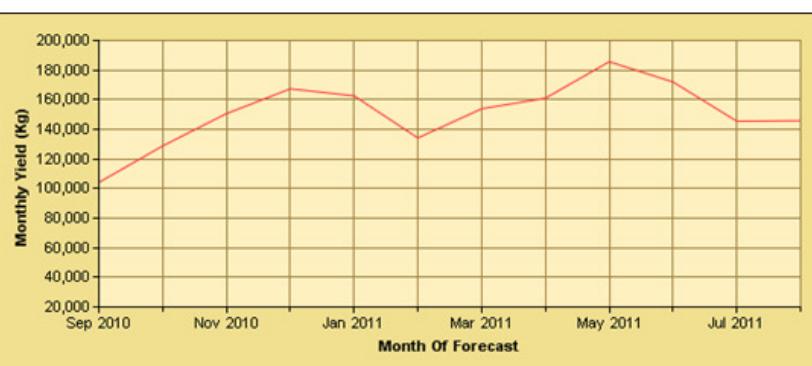
2c. Production Planner

DEMO HERD
SCOTSBIDGE HOUSE, SCOTS HILL
RICKMANSWORTH, HERTFORDSHIRE
WD3 3BB

FORECAST PRODUCTION REPORT
THE CATTLE INFORMATION SERVICE
Scotsbridge House, Scots Hill, Rickmansworth, Herts. WD3 3BB
Tel: 01923 695319 Fax: 01923 695345

Herd No:10346
Test Date:18 Aug 2010

Month of Forecast	Total Yield	Kept On Farm	Sent To Buyer	Cows In Herd	Cows In Milk	Daily Yield
Sep 2010	104,109	0	104,109	182	129	3,470
Oct 2010	128,775	0	128,775	187	147	4,154
Nov 2010	150,579	0	150,579	190	172	5,019
Dec 2010	167,354	0	167,354	190	178	5,398
Jan 2011	162,599	0	162,599	190	172	5,245
Feb 2011	134,153	0	134,153	190	157	4,791
Mar 2011	153,872	0	153,872	202	164	4,983
Apr 2011	160,992	0	160,992	203	178	5,388
May 2011	185,663	0	185,663	203	197	5,989
Jun 2011	171,998	0	171,998	203	199	5,733
Jul 2011	145,472	0	145,472	204	175	4,692
Aug 2011	145,807	0	145,807	229	199	4,703



Value	Description
329	Average Days in Milk
68	Average Days Dry
4	No. of days milk is discarded at start of lactation
8	Animals added to the herd in September 2010
5	Animals added to the herd in October 2010
3	Animals added to the herd in November 2010
12	Animals added to the herd in March 2011
1	Animals added to the herd in April 2011
1	Animals added to the herd in July 2011
25	Animals added to the herd in August 2011



The graph is built using past production information and fertility data to ascertain the number of cows in the herd each month and their daily yield. The farmer can also tailor the production planner, if fundamental changes are planned for the future, such as selling or buying cows.

2d. Animals For Sale

Milking Herd	(Both Sexes)	Any PD Status	Animal Name:	Line No:	EarTag:
DOB From :	DOB To :	Lact No:	<input type="checkbox"/> For Sale <input type="button" value="Filter Results"/> <input type="button" value="Show All Rows"/>		

Comments :	<input type="button" value="Save Changes"/>
Contact:	<input for="" sale""="" type="button" value="Mark individually ticked animals as "/>

For Sale	Line No	Animal Name	EarTag	DOB	Lact No	Milk Kg	Bfat %	Prot %	SCC	PIN	PLI	Lifetime Yield	£ per day	Details
<input type="checkbox"/>	905	SCOTSHILL DOLMAN BESSIE	UK362512201134	03 Aug 2008	1	19.3	4.75	2.90	29	-8	-41	212	£0.07	View
<input type="checkbox"/>	894	SCOTSHILL SAMUELO MONICA	UK362512501116	11 Jun 2008	1	24.7	4.15	3.69	137	22	65	222	£0.06	View
<input type="checkbox"/>	897	SCOTSHILL DACEWIRE MAGOTE	UK362512201114	05 Jun 2008	1	25.0	4.07	3.55	207	6	74	200	£0.11	View

Farmers can mark whole herds or individual cows for sale, these animals then appear on the CIS and Holstein UK site.

All Breeds	All Herd Sizes	Cows	Any PD Status	<input type="button" value="Find Animals"/>
All Regions of the Country	All Stages of Lactation	Any Calving Month		
	Matching Animals	Location	Contact	Comments
View Animals	Print Details	90 of 94 CUMBRIA	Geoff Wilson 01768 351872 / 07977094033	All cows sold fresh calved.
View Animals	Print Details	6 of 6 LANARKSHIRE	Alan Clark on 07946602279	6 heifers and 6 2nd calvers. Herd average 11,400.
View Animals	Print Details	1 of 1 STAFFORDSHIRE	jonathan bostock 01782 513136	2 freshly calved young cows
View Animals	Print Details	4 of 4 KENT	Mike Warren 01892822372	
View Animals	Print Details	1 of 1 LANCASHIRE	07759568639	
View Animals	Print Details	7 of 12 NORTH YORKSHIRE	Alasdair Smith 07967647881	sound fresh cows from a 10,000kg herd!!

3 Herd Health Reports and Analysis

Herd Health reports and Analysis

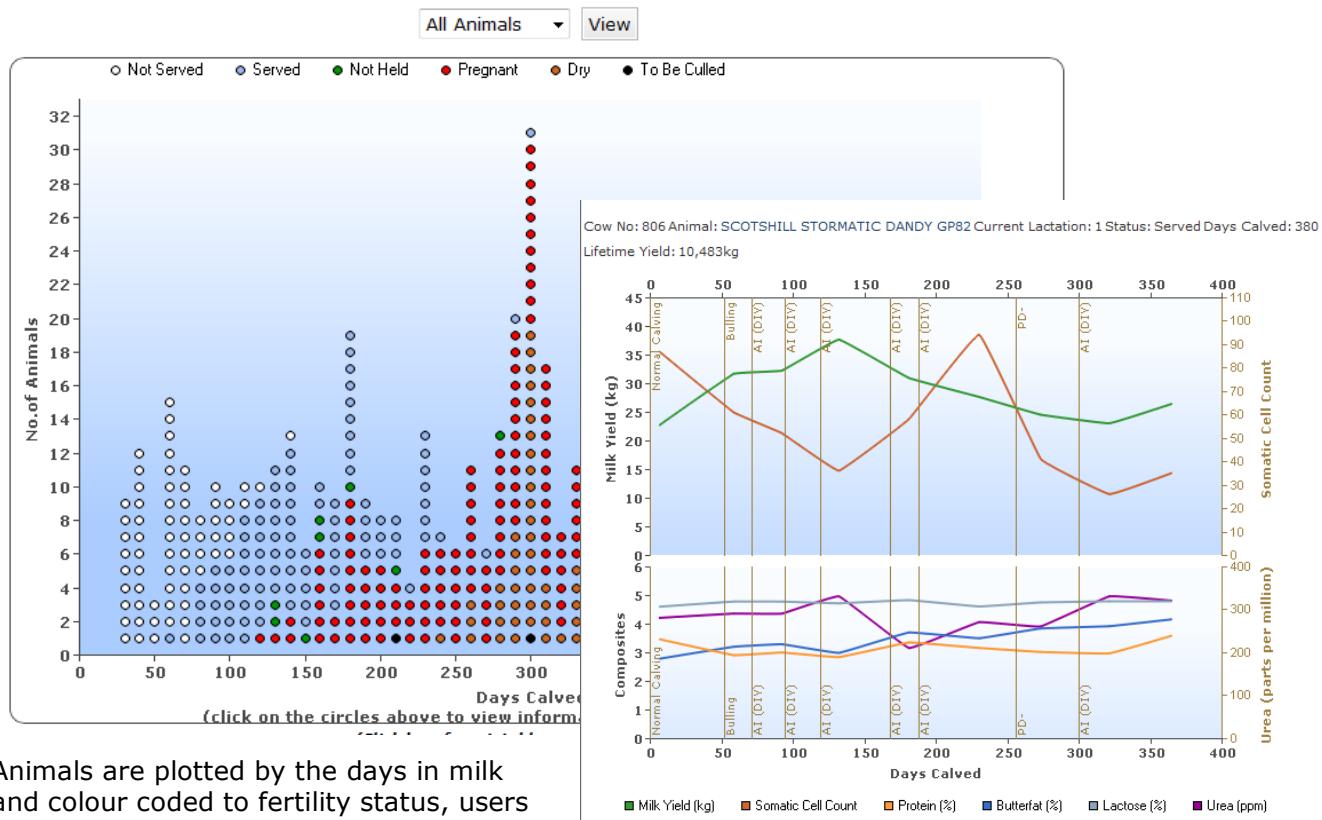
-  [Breeding Data/Analysis](#)
-  [Cell Count Contribution](#) 
-  [Urea Data/Analysis](#)
-  [HerdCare Graph](#)
-  [Health Wall Planner](#) 
-  [Ketosis and Acidosis](#)
-  [Production versus protein](#)
-  [Health Monitor](#)
-  [* Enhanced * Mobility Monitor](#)
-  [Health Test Analysis](#)

3a. Breeding Data/Analysis

Breeding Data/Analysis



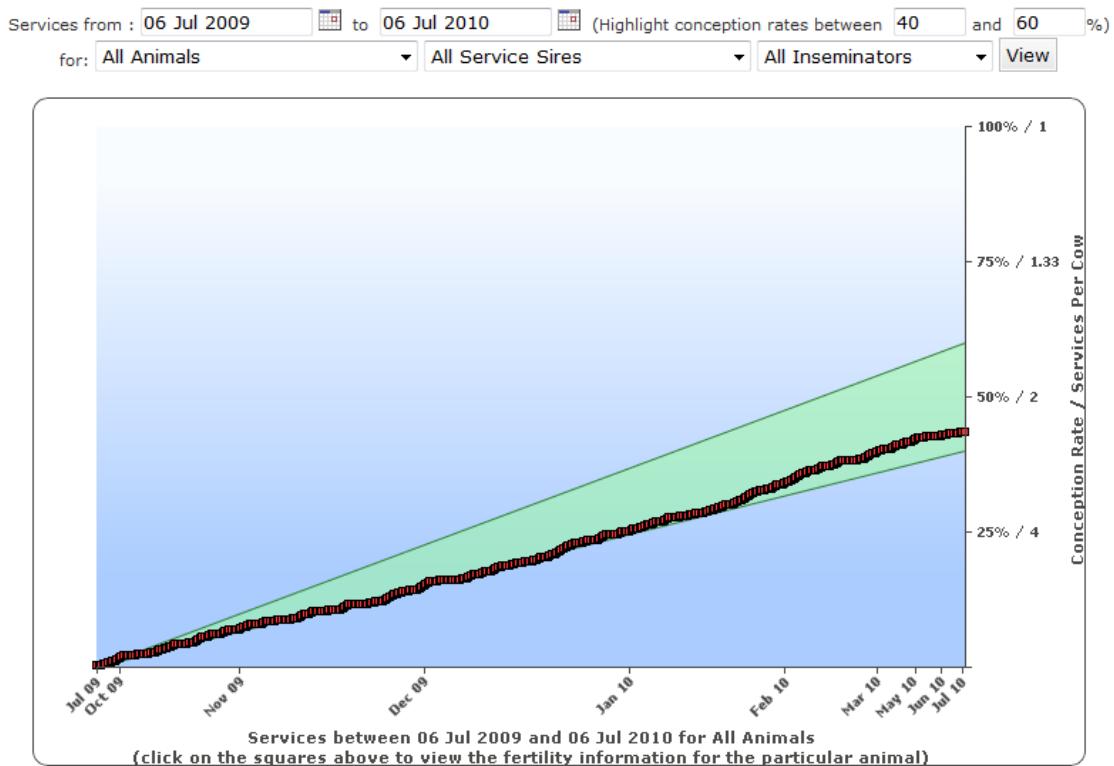
3ai. Fertility Chart



Animals are plotted by the days in milk and colour coded to fertility status, users can drill down to see individual cow detail, by clicking on any of the dots.

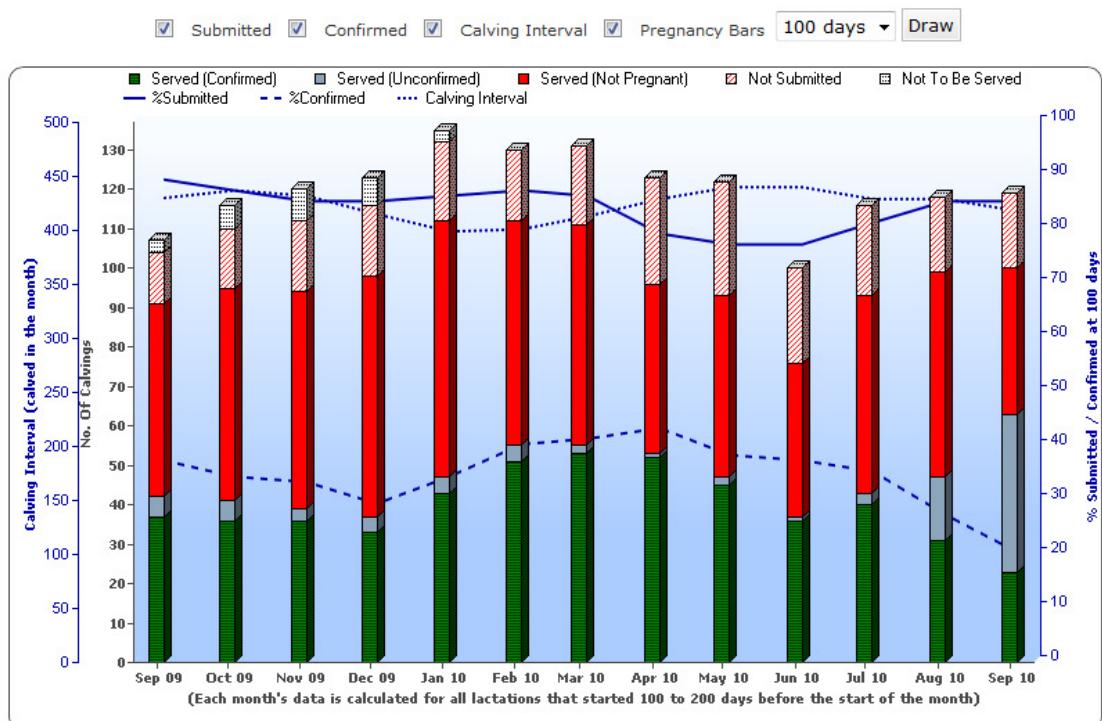
The cow overview can be viewed by selecting dots from any of the 'Your Herd' graphs and under 'view' link in herd ranking

3aii. Service Performance Graph



Each service is plotted; positive services go up hill, giving a conception rate on farm. Parameters are user defined and can be filtered by date, service sires, inseminators and groups of cows

3aiii. 100 Day In-Calf Report



This graph demonstrates how many cows within the herd become pregnant within 100 days post calving. It describes how many cows will calve within 13 months of their previous calving, taking account of all cows within the herd, not just cows with an event.

3b. Cell Count Contributions

Totals for the Test: 2965 Kg Milk 200 avg CellCount Show All

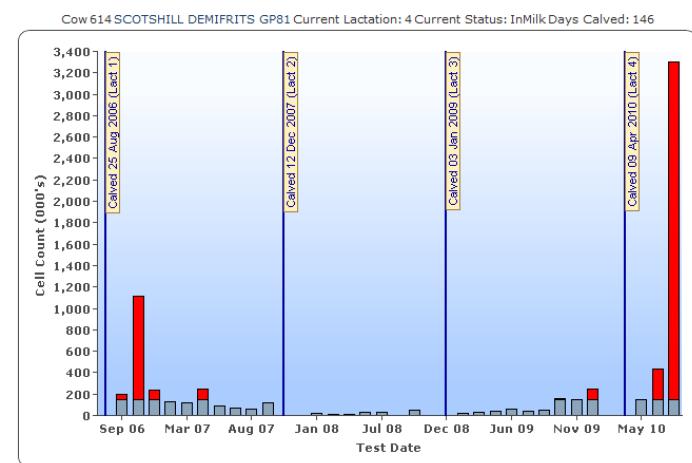
Totals for Selected Animals: 2965 Kg Milk 200 avg CellCount

(By default this list is ordered by Cell Count Contribution, so any animals you deselect will go to the bottom of the list)

<input checked="" type="checkbox"/>	Line No	Lactation	DaysInMilk	Yield	Cell Count	Cell Count Contr %	Avg Cell Count	No Tests	No Test Over	History
<input checked="" type="checkbox"/>	614	4	131	29	3298	15.87	1293	3	2	View
<input checked="" type="checkbox"/>	386	7	257	13	4446	9.59	3583	6	6	View
<input checked="" type="checkbox"/>	506	6	20	25.9	2007	8.62	2007	1	1	View
<input checked="" type="checkbox"/>	753	3	10	30.7	1240	6.32	1240	1	1	View
<input checked="" type="checkbox"/>	626	4	121	24.8	896	3.69	831	3	3	View

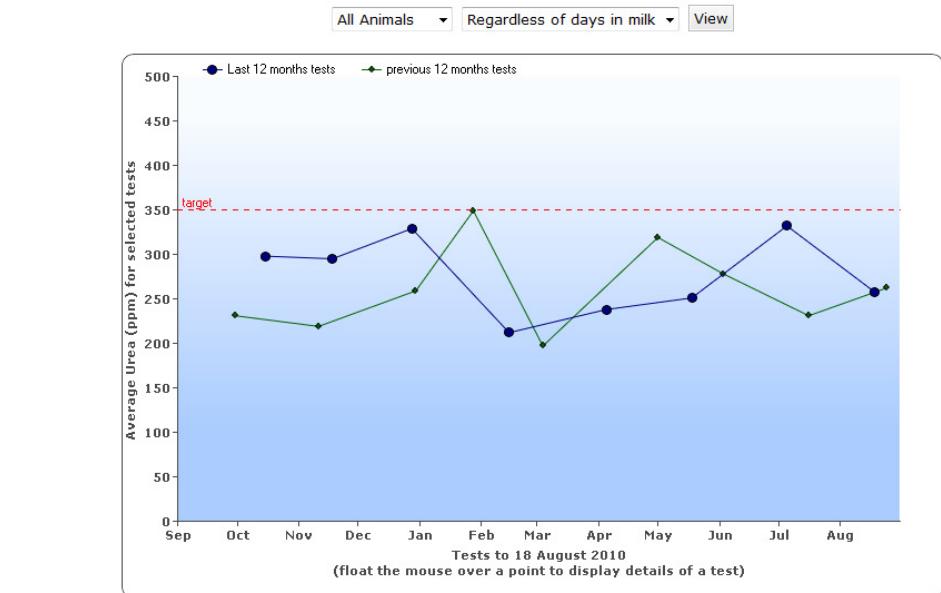
View individual cell count contributions and assess impact of withdrawing cow's milk from the bulk tank, with the ability to view individual cow history.

Cell Count History



3c. Urea Data/Analysis

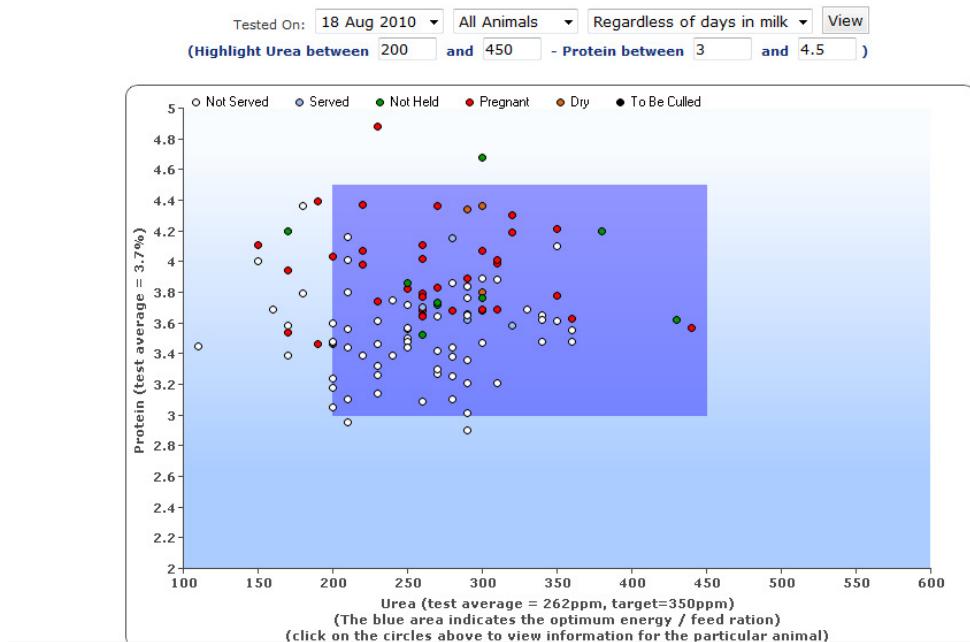
Your Herd - Urea Trend Graph



Each CIS milk sample is routinely analysed for urea at no extra cost to the farmer. The results can be viewed by trends with the option to select only 1st, 2+ lactations or whole herd, there is also the option to view groups by stage of lactation.

Individual cow tests are also plotted against protein levels, users can set the parameters for the shaded areas.

Your Herd - Urea Graph



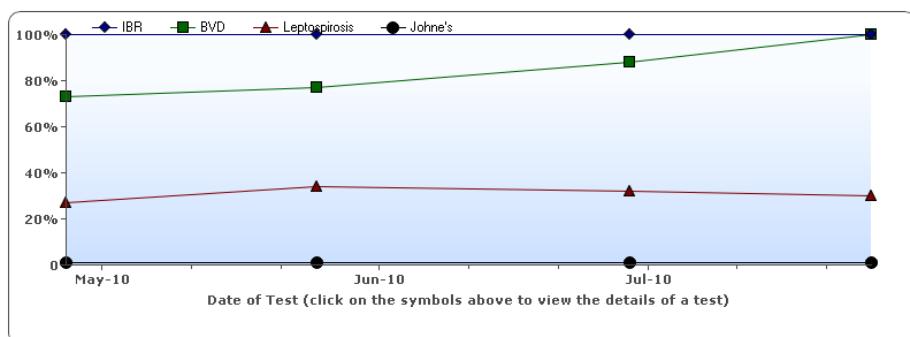
3d. Health Test Analysis

Health Test Analysis

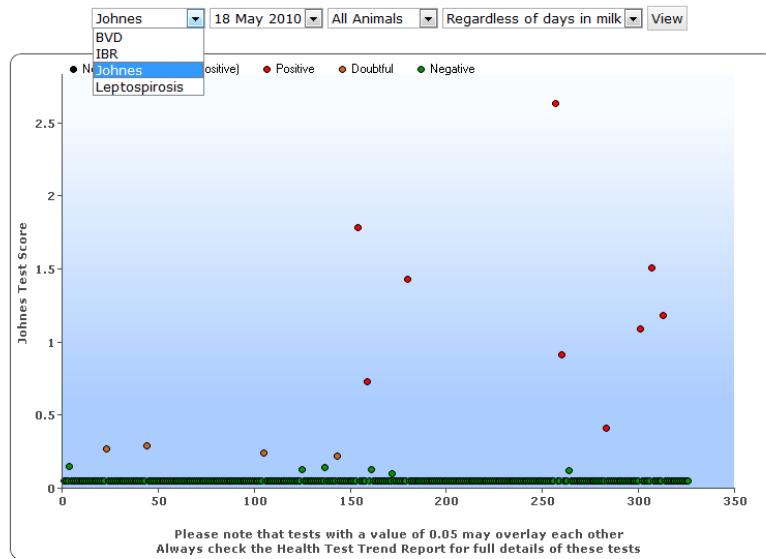
- ➡ Health Test Chart
- ➡ Health Test Trend Report
- ➡ * New* Johnes Control Report
- ➡ Health Test Trend Chart
- ➡ Edit Health Planner Key Events

Four production disease Jones, IBR, BVD and Lepto analysis can be done on routine milk samples for either individual cows or the bulk tank. Below is an example of one of the reports, this is for the Herdcare accreditation scheme, that CIS participate in.

Your Herd - HerdCare Graph



Individual cow results for each test.



Johnes Risk Groups - All cows that have been tested for Johnes are assigned to a risk group.

Your Herd - Johnes Control Report

All Cows		Level of Risk		
Cow	Identity			
483	SCOTSBRIDGE ELLEN 10	High - Last 2 tests Positive	View	Test History
506	SCOTSHILL E ROSEMARY	High - Last 2 tests Positive	View	Test History
546	SCOTSHILL L LYNNE	High - Last 2 tests Positive	View	Test History
670	SCOTSHILL WINBUR HENJA 2	High - Last 2 tests Positive	View	Test History
386	SCOTSBRIDGE ELLEN 9	High - Last test Positive	View	Test History
425	SCOTSBRIDGE QUALITY 2	High - Last test Positive	View	Test History
490	SCOTSHILL F WHISKY	High - Last test Positive	View	Test History
626	SCOTSHILL MEG	High - Last test Positive	View	Test History
448	SCOTSHILL F RUDOLPH	High - Last test Negative but 1 or more previous Positive tests	View	Test History
655	SCOTSHILL EMERALD	High - Last test Negative but 1 or more previous Positive tests	View	Test History
345	SCOTSBRIDGE FAVOURITE 11	Low - All tests Negative	View	Test History
391	SCOTSBRIDGE ELLA 23	Low - All tests Negative	View	Test History
414	SCOTSHILL F DOLLY	Low - All tests Negative	View	Test History
420	SCOTSHILL F BUTTERCUP	Low - All tests Negative	View	Test History
424	SCOTSBRIDGE BESSIE 53	Low - All tests Negative	View	Test History

1 2 3 4 5 6 7 8 9 10 ...

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Green = LOW RISK - Older cows ideal for Colostrum production. Green cows may calve with other Green cows

Yellow = HIGH RISK - Require high standards of hygiene around calving. No colostrum/milk used for calves

Red = *HIGH RISK - Potentially to be culled prior to the next calving and not allowed near the calving area. No colostrum/milk used for calves

Blue = Animal is out of a High Risk cow

*CIS recommend you consult your vet for advice on possible further confirmation tests and an infected cow/herd management policy

[click here for printable version of this report](#)

Action lists and data entry screens are updated to reflect the risk group of each individual animal.

Milking Herd	Due to Calve	in next 7 days	Show All	View		
No	Animal Identity	Due On	Service Sire	Days In Milk	Days To Calving	Details
834	S FINALCUT ELLEN	07 Sep 2010	R MR SAMUELO	371	7	View
660	SCOTSHILL LYNNE 3	07 Sep 2010	M BOLIVIA ALLEN ET	324	7	View
639	SCOTSHILL PRIDE 19	07 Sep 2010	NORBRECK SUPERB BLUE	610	7	View

3e. Health Wall Planner

CIS have incorporated eight graphs into the Health Wall Planner that meet the defra Farm Health Planning initiative criteria using data that is collected from the online medicine book. The approach to proactive health planning, developed by the FHP working group is based on three key principles of: Measure, Manage, and Monitor.

The eight key areas are

Health Wall Planner

- ➡ Lameness & Locomotion Report
- ➡ Mastitis & Milk Hygiene Report
- ➡ Calf Scours & Pneumonia Report
- ➡ Metabolic/Calving Report
- ➡ Fertility - 100 Day In-Calf Rate Report
- ➡ Culls/Disposal Report
- ➡ Milk Profile Report
- ➡ Herd Disease Status Report



3f. Ketosis & Acidosis

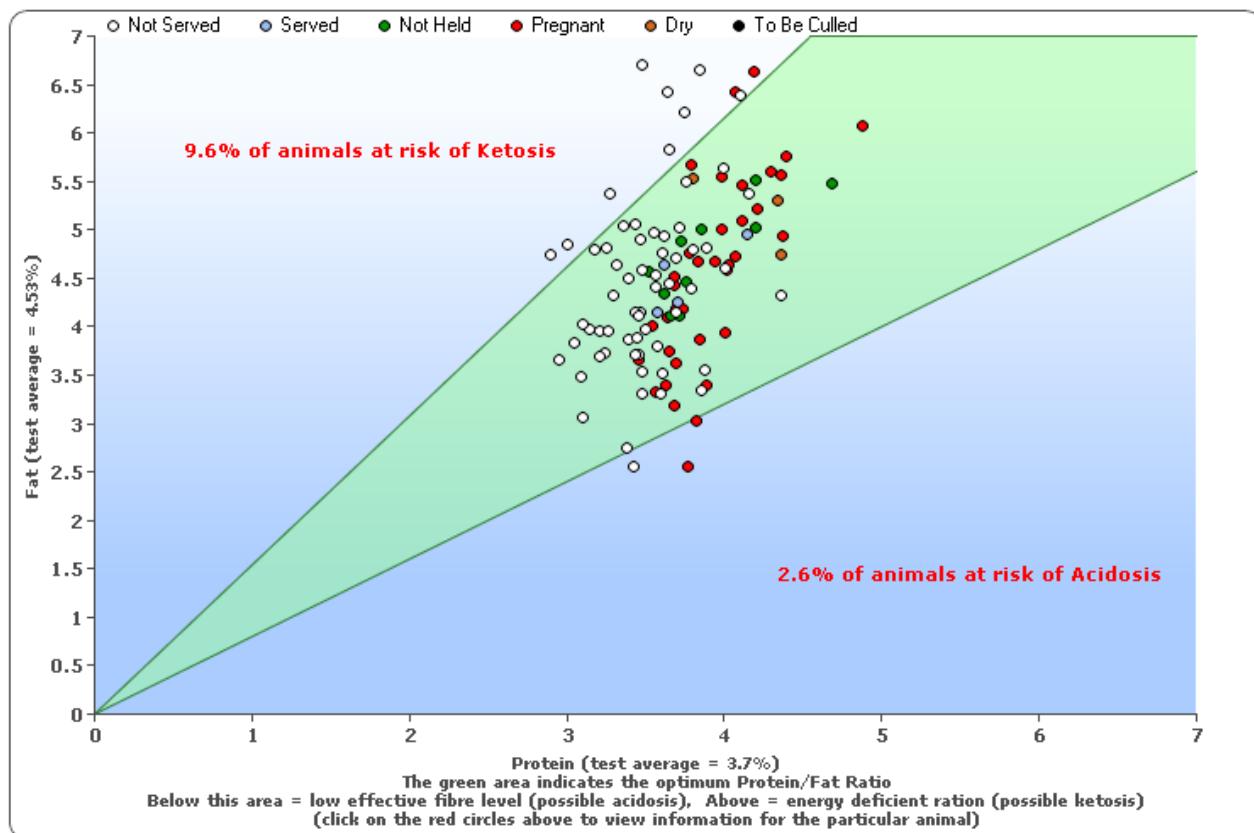
The imbalance of butterfat and protein levels in milk is an early indicator of an imbalance in the feed regime. Graphical illustration of lactating cows is provided illustrating the ratio of butterfat and protein at the last milk test.

Line No	EarTag	Lact No.	Calved	Ratio	Yield kg	Protein %	Fat %		
655	362512100489	4	24 Nov 2009	1.47	20.40	3.77	2.56	Possible Acidosis	***
885	362512101091	1	13 Aug 2010	0.52	18.40	3.48	6.70	Possible Ketosis	**
694	362512700607	3	05 Mar 2010	1.34	27.30	3.42	2.55	Possible Acidosis	*
671	362512500528	4	07 Aug 2010	0.57	28.30	3.64	6.42	Possible Ketosis	*
753	362512500787	3	08 Aug 2010	0.58	30.70	3.84	6.65	Possible Ketosis	*
721	362512300659	3	08 Aug 2010	0.60	29.80	3.75	6.22	Possible Ketosis	
506	362512100111	6	29 Jul 2010	0.61	25.90	3.27	5.38	Possible Ketosis	

Users can set their own parameters and filter to see specific groups, drill down to see individual cows and view a list of cows outside the accepted parameters.

Tested On: 18 Aug 2010 ▾ All Animals ▾ Regardless of days in milk ▾ View Graph

(Highlight ratios between .65 and 1.25 %)



3g. Production Versus Protein

Production Versus Protein

Protein Intercept Graph

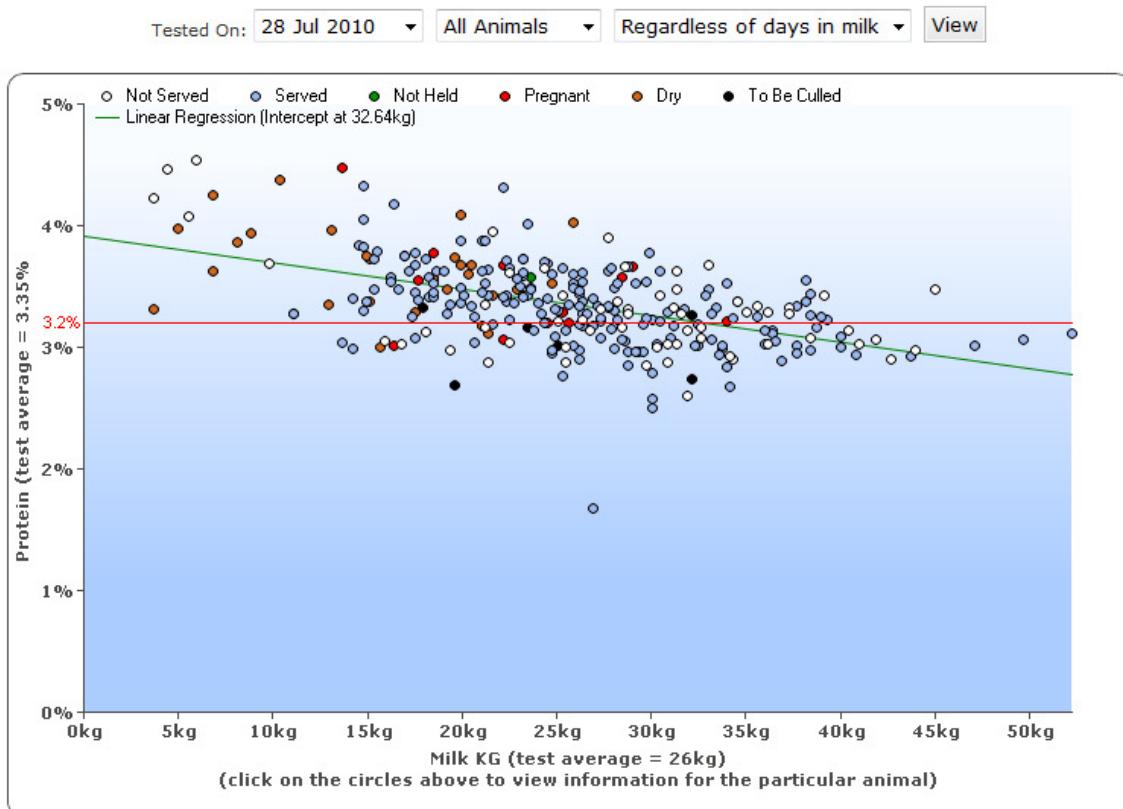
Protein Intercept Trend Graph

3gi. Production Intercept Graph

You can choose to view any recording for the herd, each point on the chart represents an animal at the recording.

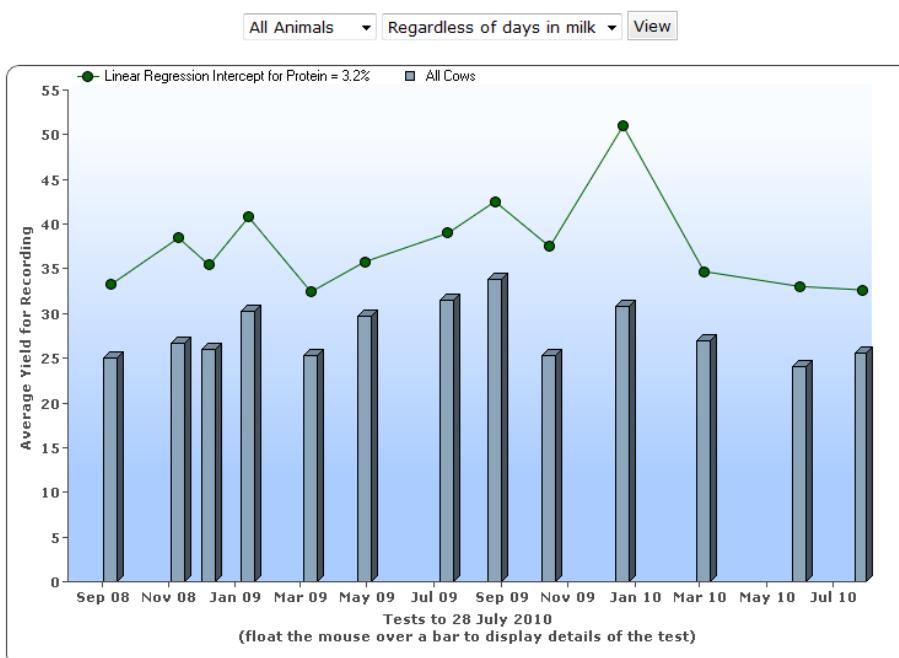
The green line is the linear regression representing the relationship between milk yield and protein % at the recording and the red line is fixed at 3.2% protein, where these two lines cross is called the 'Protein 3.2% Intercept'.

The 3.2% Protein Intercept is at the point of KG milk per cow that can be sustained by the diet, maintaining 3.2% protein in the milk.



3gii. Production Intercept Trend Graph

The graph shows all recordings for the herd, each bar shows the average milk yield at the recording, if you float over the bar it will display the milk yield at recording and the milk kg where protein % is at 3.2%. In both cases the number of cows represented is also shown. Each dot on the chart represents the Protein 3.2% Intercept KG milk value at that recording, the 3.2% Protein Intercept is at the point of KG milk per cow that can be sustained by the diet, maintaining 3.2% protein in the milk. The line between dots indicates the maximum yield that animals achieve at the recording where the protein does not fall below 3.2%



3h. Heath Monitor

Health Monitor

- [!\[\]\(c35b00deb15b9877bd4bf11a0ea5ff77_img.jpg\) SCC Analysis - Current Lactation](#)
- [!\[\]\(ce81ecc9a883bc9780490b6bbaa8cd9f_img.jpg\) SCC Analysis - Trend Graph](#)
- [!\[\]\(a9d31affde24f6c67af062c826defab2_img.jpg\) SCC Analysis - Dry Period](#)
- [!\[\]\(9b2dfd55c9797b68203e02f02d2b522a_img.jpg\) SCC Analysis - Dry Period Trend Graph](#)

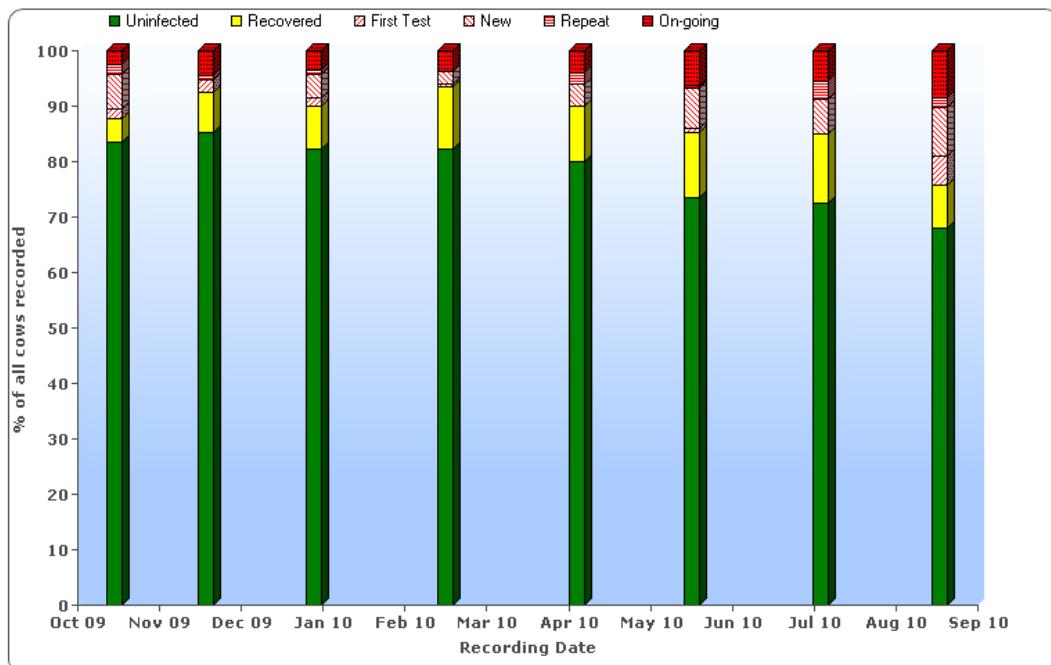
3hi. SCC Analysis – Current Lactation with Trend Graph

A list of all in milk animals with there SCC status, the SCC parameters can be tailored to suit the farm and users can filter the list to view specific groups.

All Cell Count Groupings		<input type="checkbox"/> Show All	Run Report			
No.	Animal Identity	Group	Included When	Lact	Calved	Details
506	SCOTSHILL E ROSEMARY	First - SCC=2007	SCC >= 200 and 1st test	6	29 Jul 2010	View
753	SCOTSHILL OUTSIDE GILLIAN	First - SCC=1240	SCC >= 200 and 1st test	3	08 Aug 2010	View
885	SCOTSHILL PAGEWIRE SWEEP	First - SCC=355	SCC >= 200 and 1st test	1	13 Aug 2010	View
892	SCOTSHILL PAGEWIRE MAGPIE	First - SCC=307	SCC >= 200 and 1st test	1	03 Aug 2010	View
890	SCOTSHILL SAMUELO PRICELESS	First - SCC=256	SCC >= 200 and 1st test	1	10 Aug 2010	View
810	SCOTSHILL STORMATIC MEG	First - SCC=250	SCC >= 200 and 1st test	2	30 Jul 2010	View
831	SCOTSHILL OUTSIDE NARCISSUS	New - SCC=620	SCC >= 200 and previously clear	1	05 Nov 2009	View
808	SCOTSHILL TALENT GILLIAN	New - SCC=567	SCC >= 200 and previously clear	1	28 Jul 2009	View

This graph displays the trend in the number of cows over time

Your Herd - SCC Analysis - Current Lactation Trend Graph



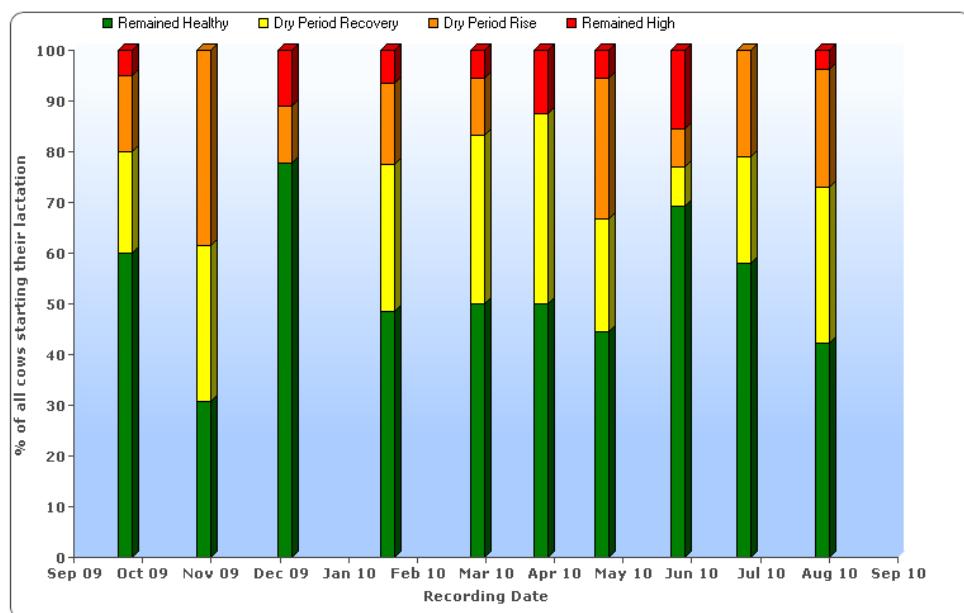
3hii. SCC Analysis – Dry Period with Trend Graph

A list of all newly calved animals comparing their first test of lactation SCC with the last test of the previous lactation, the SCC parameters can be tailored to suit the farm and users can filter the list to view specific groups.

All Cell Count Groupings		<input type="checkbox"/> Dry Cow Therapy animals only	<input type="checkbox"/> Show All	Run Report		
No.	Animal Identity	Group	Included When	Lact	Calved	Details
753	SCOTSHILL OUTSIDE GILLIAN	Remained High (283 to 1240)	Last test>=200 First test>=200	3	08 Aug 2010	View
506	SCOTSHILL E ROSEMARY	Dry Period Rise (54 to 2007)	Last test<200 First test>=200	6	29 Jul 2010	View
885	SCOTSHILL PAGEWIRE SWEEP	Dry Period Rise (0 to 355)	Last test<200 First test>=200	1	13 Aug 2010	View
892	SCOTSHILL PAGEWIRE MAGPIE	Dry Period Rise (0 to 307)	Last test<200 First test>=200	1	03 Aug 2010	View
890	SCOTSHILL SAMUELO PRICELESS	Dry Period Rise (0 to 256)	Last test<200 First test>=200	1	10 Aug 2010	View
810	SCOTSHILL STORMATIC MEG	Dry Period Rise (41 to 250)	Last test<200 First test>=200	2	30 Jul 2010	View
782	SCOTSHILL TALENT SWEEP 2	Dry Period Recovery (202 to 20)	Last test>=200 First test<200	2	31 Jul 2010	View

This graph displays the trend in the number of cows over time

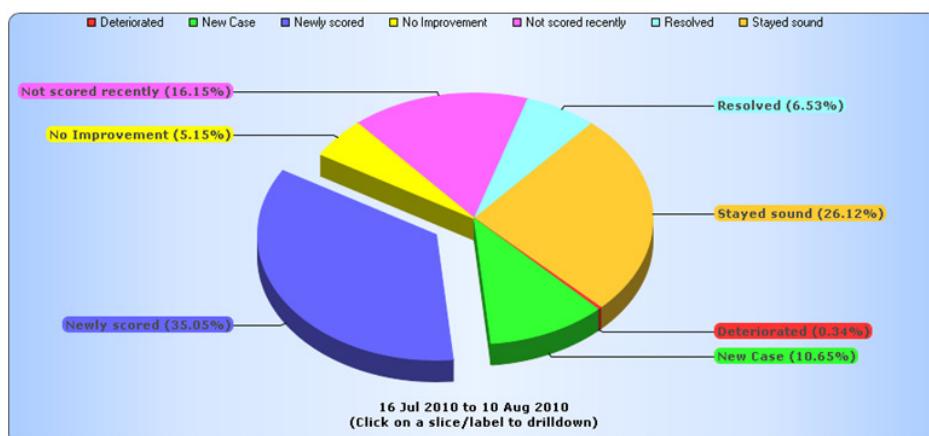
Your Herd - SCC Analysis - Dry Period Trend Graph



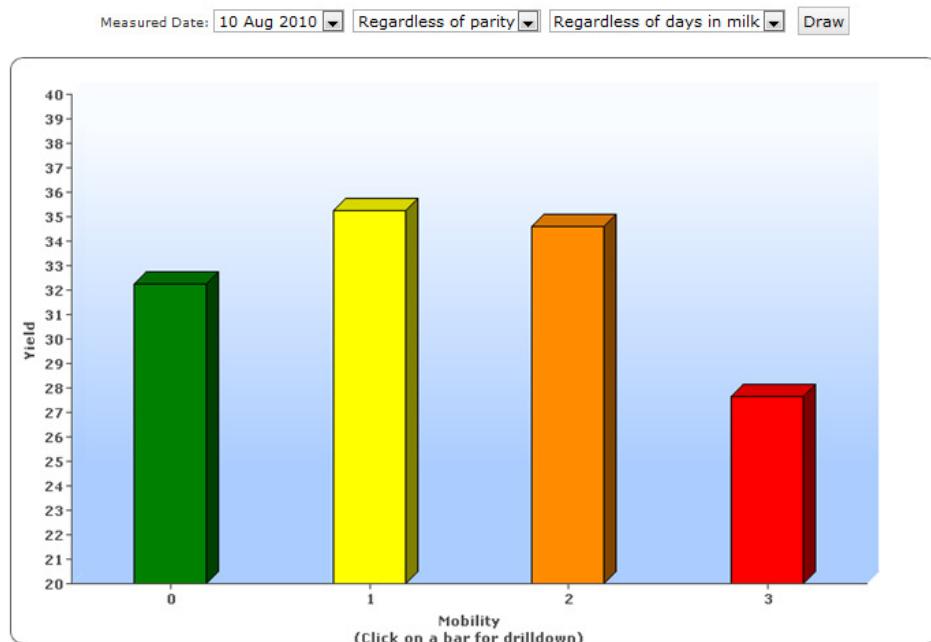
3hiii. Mobility Trend Graph

Mobility scores can be entered by the farmer or the milk recorder, data can then be viewed in a variety graphs.

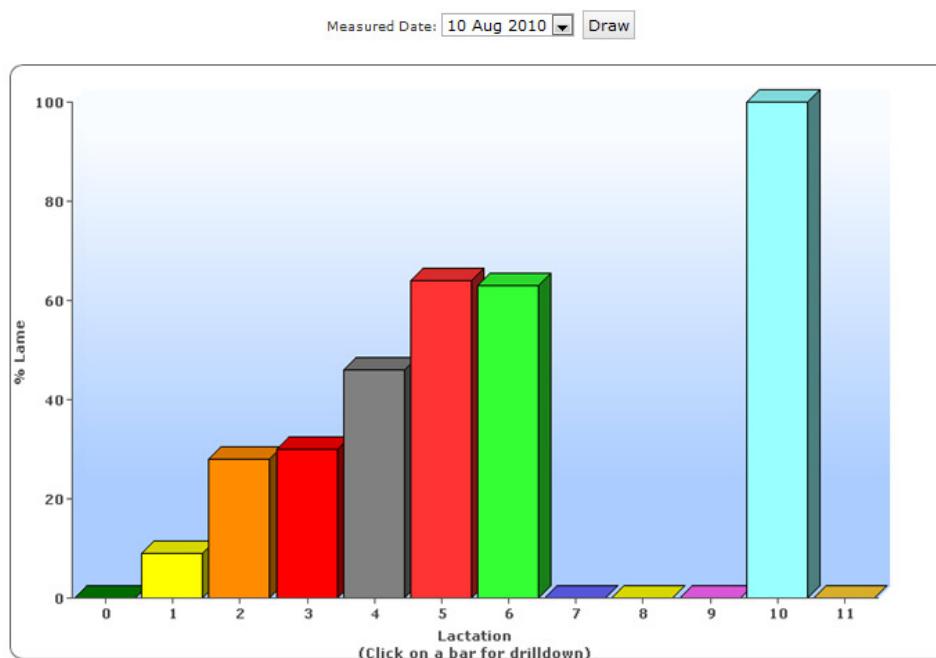
Your Herd - Changes in Mobility Scores since Last Recording Graph



Your Herd - Average Mobility/Yield Graph



Your Herd - Lameness Percentage by Lactation Graph



Several reports can also be viewed and printed

(* = Priority Animal)

Line No.	Eartag	Score	Prev Score	Recorded on	Age (months)	Comments
*381	263497401381	3	2	16 Jul 2010	48	BL
344	263497201344	3	2	04 Jun 2010	50	BL SWOLLEN
723	160134600723	2	2	04 Jun 2010	96	ALL 4
6	261437100219	2	1	04 Jun 2010	104	BL BR

Further details are available in the CIS Mobility Scoring Booklet

4 Action Lists, Graphs and Ranking

Action Lists, Graphs and Ranking

-  Rankable Herd List 
-  Day2Day 
-  * Enhanced * Brinkmanship Graph
-  Benchmark Graph
-  Benchmark KPI Graph 

4a. Rankable Herd List

The first time you visit the page it will show you all animals in your herd ordered by Line Number.

If you want to look for specific animals you can use the filter fields at the top of the page.

If for example you wish to view only Females then select Females from the drop down list and click filter. Equally if you want to view only animals with 'STAR' in their name, type STAR in the Animal Name box and click filter.

The £ per day is the lifetime financial value divided by the number of days the animal has been alive. The financial value is worked out by taking total kg of yield between tests and multiplying by the pence per litre at each test, divided by 102.97 to convert the value to litres. All test values are added together to give the financial value for the lactation. All lactation financial values are added together to give the total lifetime financial value. Further details for individual cows is also available under view.

Your Herd - Herd List

Milking Herd		(Both Sexes)	Animal Name:	Line No:	Lact No:	5	EarTag:										
DOB From :		DOB To :					Show All	Filter Results									
Line No	Animal Name	EarTag	DOB	Lact No	DIM	Milk Kg	Bfat %	Prot %	SCC	PIN	PLI	Lifetime Yield	£ per day	Details			
503	SCOTSHILL F SWEEP	UK362512300106	02 Sep 2002	5	464	13.6	6.42	4.07	148	29	109	58,520	£3.88	View			
606	SCOTSHILL JULIETTE	UK362512400380	20 Nov 2003	5	134	32.1	4.39	3.79	66	9	47	44,326	£3.61	View			
493	SCOTSBIDGE ROLLWOOD ROLLS 19	UK363342500186	29 Oct 2001	5	324	15.3	4.11	3.66	141	19	81	51,774	£2.99	View			
514	SCOTSHILL F MARION 2	UK362512400121	06 Sep 2002	5	144	26.4	4.14	3.47	54	-8	-29	40,803	£2.63	View			

4b. Day2Day

In this area action lists can be generated for Cows Due to Oestrous, Due for 1st Service, Ready to PD, Not in Calf, Due to Calve and Ready to Dry Off. Any animal that has had single or multiple Johnes milk test are colour coded by risk group. The example below refers to cows due to PD

Milking Herd		Ready to PD	in next 7 days	Show All	View											
No.	Animal Identity	Due On	Served	Service Sire	Days Since Service	Details										
386	SCOTSBIDGE ELLEN 9	24 Jul 2010	29 May 2010	NORBRECK SUPERB BLUE	97	View	Add a Service	Add a PD or Barren event								
649	SCOTSHILL JASMINE	08 Aug 2010	13 Jun 2010	NORBRECK SUPERB BLUE	82	View	Add a Service	Add a PD or Barren event								
806	S STORMATIC DANDY	09 Aug 2010	14 Jun 2010	NORBRECK SUPERB BLUE	81	View	Add a Service	Add a PD or Barren event								
568	SCOTSHILL L TINA	13 Aug 2010	18 Jun 2010	NORBRECK SUPERB BLUE	77	View	Add a Service	Add a PD or Barren event								
717	SCOTSHILL MAB 4	31 Aug 2010	06 Jul 2010	SEIFON ANDYMAN	59	View	Add a Service	Add a PD or Barren event								

 **LOW RISK** - Older cows ideal for Colostrum production. Green cows may calve with other Green cows

 ***HIGH RISK** - Require high standards of hygiene around calving. No colostrum/milk used for calves

 **HIGH RISK** - Potentially to be culled prior to the next calving and not allowed near the calving area. No colostrum/milk used for calves

 **Blue** Animal is out of a High Risk cow

*CIS recommend you consult your vet for advice on possible further confirmation tests and an infected cow/herd management policy

The list can be ordered to preference, events can be added and individual cow history can be viewed. The list is available to be printed for use on the farm.

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Herd 10346
(DEMO HERD)

Ready to PD before 10 Sep 2010

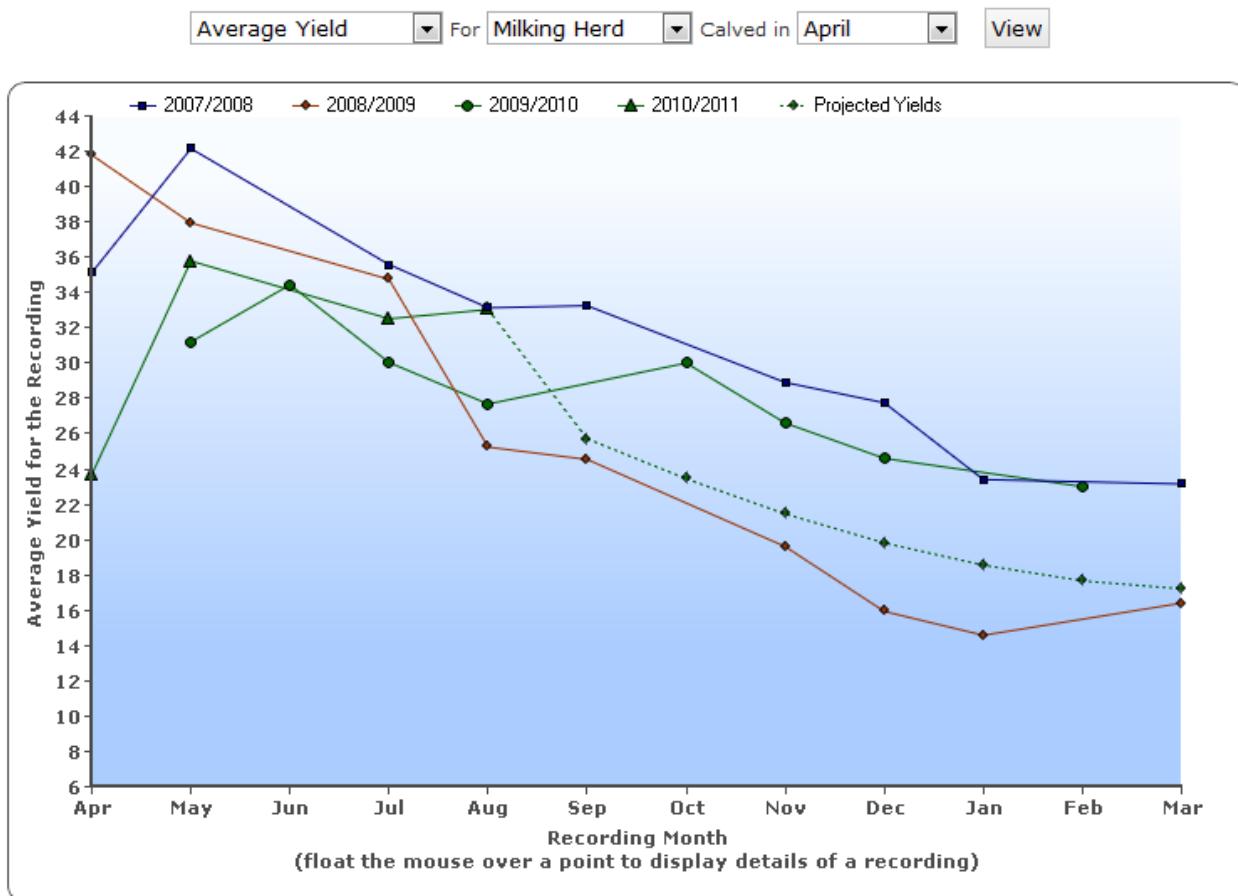
The Cattle Information Service Ltd.
Sootsbridge House, Soots Hill, Rickmansworth, WD3 3BB
Tel: 01923 695 319 Fax: 01923 695345

03 Sep 2010 06:52

Line No.	Animal ID	Due On	Served	Service Sire	Since Service	Comments
386	SCOTSBIDGE ELLEN 9	24 Jul 2010	29 May 2010	NORBRECK SUPERB BLUE	97	
649	SCOTSHILL JASMINE	08 Aug 2010	13 Jun 2010	NORBRECK SUPERB BLUE	82	
806	S STORMATIC DANDY	09 Aug 2010	14 Jun 2010	NORBRECK SUPERB BLUE	81	
568	SCOTSHILL LTINA	13 Aug 2010	18 Jun 2010	NORBRECK SUPERB BLUE	77	
717	SCOTSHILL MAB 4	31 Aug 2010	06 Jul 2010	SEIFON ANDYMAN	59	

4c. Brinkmanship Graph

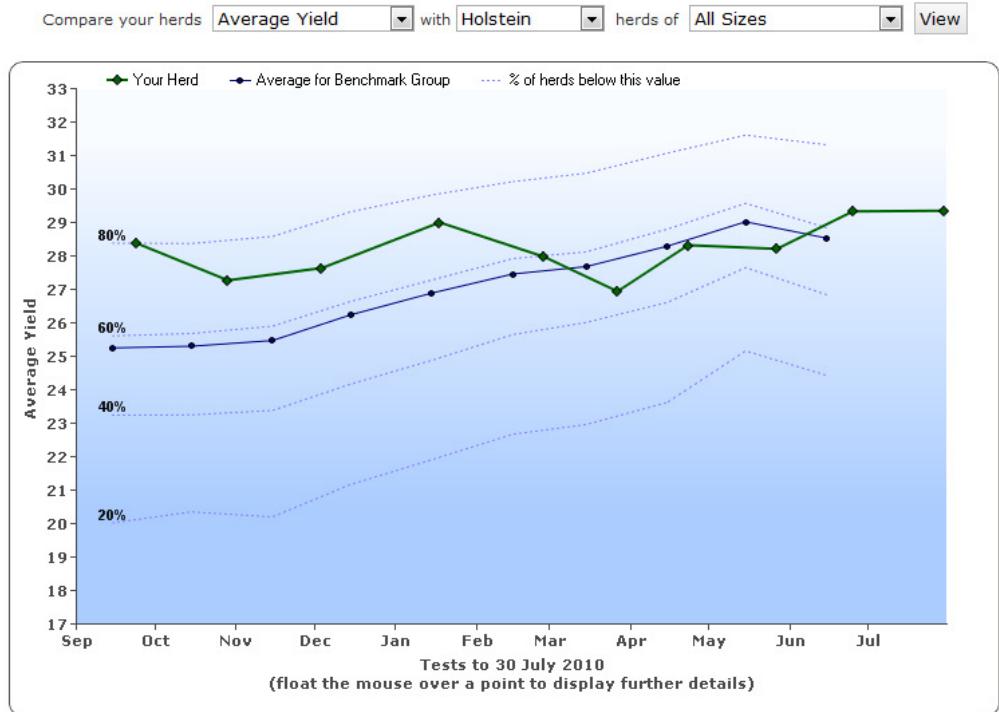
This graph monitors herd performance as a whole or by calving month, compare performance over the last 3 years for yield, butterfat, protein, SCC and urea. The graph below demonstrates average yield for cows that calved in April.



4d. Benchmark Graph

A benchmark graph demonstrates herd production performance over the previous 12 months, with the facility to select a comparison group

Your Herd - Benchmark Graph



4e. Benchmark Key Performance Graph

Illustrates a snapshot of herd performance and a comparison against contemporaries.

Your Herd - Benchmark Key Performance Indicators Graph



The benchmarking graphs are accompanied by herd values and comparisons

4f. Reports Menu

All usual milk recording reports are available on line in pdf format.

Reports Menu

 Preferences Menu	 Statement of Milk Records	
 Cell Count report	  Cell Count profile for current lactations	
 Cell Count Exceptions report	  Lactation Report <i>This will take you to your herd list</i>	
 Production Summary	  Cows due to Calve	
 Services Profile Report	  Youngstock Report	
 Youngstock Report (Beef)	  Youngstock Report (Males)	
 Herd Management Summary	  Monthly Fertility Summary	
 Action List	  Calving Profile Report	
 Sire List	  Herd List	
 Herd List New	 Recent Events	
 Non Recorded Cell Count Report	  Non Recorded CC (Composites) Report	
 Recent Events By Type	  Movements Report	
 Annual Statement of Terminated Lactations	  Dry Cows List	
 Sold Cows List	 Yield Sheet	
 Parlour Sheet	 Recorder Sheet	
 Tuberculin Test Chart	 TCS List	

Also within this area are extra reports such as TB test charts

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Herd 10346
(DEMO HERD)

Tuberculin Test Chart for Milking Herd
The Cattle Information Service Ltd.
Scotsbridge House, Scots Hill, Rickmansworth, WD3 3BB
Tel: 01923 695 319 Fax: 01923 695345

03 Sep 2010
Recorded on 18 Aug 2010

Notes:

The number of animals not tested must be entered at question 5(b) of form TB 52
The correct date of birth or age of each animal should be shown separately
Where added animals and inconclusive reactors are tested at this test they must be clearly identified in the remarks column

Abbreviations: S.O = Slight Oedema, D.O. = Diffuse Oedema, E.O. = Extensive Oedema, C. = Circumscribed, + = Positive

Line No.	Ear Tag	Breed	Date Of Birth	Sex	Skin Measurements			Description	Calculated Result	Vets Result	Comments
					Before Injection	At 72 Hours					
345	UK164553100001	HF	27/05/2000	F	A B						
386	UK363342400031	HF	18/09/2000	F	A B						
391	UK363342700034	HF	25/09/2000	F	A B						
420	UK164553500082	HF	10/12/2000	F	A B						

and the animal movement book with BCMS references

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Herd 10346
(DEMO HERD)

Movements on and off farm between 16 Aug 2010 and 03 Sep 2010
The Cattle Information Service Ltd.
Scotsbridge House, Scots Hill, Rickmansworth, WD3 3BB
Tel: 01923 695 319 Fax: 01923 695345

03 Sep 2010 08:13
CPH 76/343/0048

Line Date	No.	EarTag	Breed/HBN	Name	Dam ID	Event	BCMS Ref	Remote CPH No	Comments
26 Aug 2010	0000	UK362512701510		SCOTSBIDGE	UK362512700789	Born	P291803		
23 Aug 2010	0190	UK362512501508	01/11930996	SCOTSHILL DENZEL IRIS	UK362512500829	Born	P1623305		
23 Aug 2010	0191	UK362512601509	01/11930997	S BAROQUE ALLEN ECLIPSE	UK362512501081	Born	P1623306		
23 Aug 2010	0391	UK363342700034	01/10043090	SCOTSBIDGE ELLA 23	UK63149951996	Sold to Another Herd			J. Smith, 21 Holding, Staffs

Type Classification Herd List

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Herd 10346
(DEMO HERD)

TCS List (Alive Cows)
The Cattle Information Service Ltd.
Scotsbridge House, Scots Hill, Rickmansworth, WD3 3BB
Tel: 01923 695 319 Fax: 01923 695345

03 Sep 2010 08:14
Recorded on 18 Aug 2010

Line No.	Animal Name	Breed	HBN	EarTag	Lact No	Calving Date	Age YY	Age MM
0345	SCOTSBIDGE FAVOURITE 11 GP80	1	10011402	UK164553100001	7	20 Aug 2009	9	3
0386	SCOTSBIDGE ELLEN 9 GP84	1	10043089	UK363342400031	7	04 Dec 2009	9	3
0420	SCOTSHILL F BUTTERCUP GP82	1	1832729	UK164553500082	7	14 Jan 2010	9	1
0424	SCOTSBIDGE BESSIE 53 G 78	1	10127539	UK164553100106	7	23 Jul 2009	8	6
0425	SCOTSBIDGE QUALITY 2 GP81	1	10117348	UK363342700076	7	10 Aug 2010	9	7

Parlour Sheets

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Herd 10346
(DEMO HERD)

Parlour Sheet
The Cattle Information Service Ltd.
Scotsbridge House, Scots Hill, Rickmansworth, WD3 3BB
Tel: 01923 695 319 Fax: 01923 695345

03 Sep 2010 08:16
Last recorded on 18 Aug 2010
Due to record next on 01 Jan 0001

Animal	Line No.	Lact No.	Calved DIM	Total Yield	Last Yield	Last CC	Milk Yield (kg)			Service Status	Service/Calving Event			Beef	Other Event		
							Evening	Morning	3x		S/C	Date	Sex	Brd	HBN/EarTag	Event	Date
S FAVOURITE 11 01/10011402 UK164553100001	0345	7	20 Aug 09 363	8,560	13.1	168				PD+ 27 Feb 64 MBLVA	C			01	164155		
SCOTSBIDGE ELLEN 9 01/10043089 UK363342400031	0386	7	04 Dec 09 257	6,287	13.0	4,446				Serv 29 May 37 NSB	C			01	164155		
S F BUTTERCUP 01/1832729 UK164553500082	0420	7	14 Jan 10 216	7,593	27.5	37											

5 Data Download

Data Download Menu

-  Datastream
-  Monthly Update
-  CDL File
-  Lab Results File

Electronic files can be downloaded here free of charge to update or populate farm and vet programs such as Orchid, Sum-It, Uniform and Interherd.

Notes



The Cattle Information Service
Scotsbridge House, Scots Hill, Rickmansworth, Herts
Tel: 01923 695 319 email: info@thecis.co.uk Web: www.thecis.co.uk