



Cattle Information Service

The Cattle Information Service
01923 695319
info@thecis.co.uk
www.thecis.co.uk



CIS SERVICES



WELCOME

The Cattle Information Service (CIS) has been associated with milk recording since 1903. Over the years, we have increased our service portfolio to give our customers the information they need to measure, monitor and manage their herd by not only looking at the quality of the milk but also assessing the health and fertility of individual animals and the herd as a whole.

CIS has a suite of health tests, not just from milk, but also from blood or tissue samples. With eradication schemes for BVD and the National Johne's Management Plan in place, these tests provide the data to enable our customers to make informed decisions to improve the health of their herd. The PregCheck service can be used 28 days after service, 60 days after calving, and is a non-invasive way to pd cows, thus causing no stress to the animal. A healthy herd is a profitable herd.

The genomic testing service enables you to find out twice as much about young stock as the traditional parent average. Individual traits can identify strengths and weaknesses within the herd. This means that you can make breeding decisions much earlier based on an animal's actual genetic potential.

The information CIS provides not only helps our customers manage their herds but can also be used by breeding and feeding advisors along with the farm vet. Once we have permission from the customer, they can log into our secure online herd management programme, YourHerd, or our mobile app, MobileHerd, using unique login details to offer guidance without taking up valuable time on farm.

The milk samples are tested in our laboratory in Telford, Shropshire. The laboratory uses state of the art technology and is UKAS accredited and ICAR approved.

CIS offers a range of services to suit each customer, from somatic cell count analysis to tailor made packages that can include passport applications, pedigree registrations, and type classification visits. One of our management team members can arrange a visit and advise you on the best CIS services for you and your herd.

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All prices quoted are exclusive of VAT, are correct at time of print and subject to change.

The CIS Laboratory in Shropshire is UKAS accredited to ISO/IEC 17025:2017.

An internationally recognised laboratory, it uses innovative state of the art equipment ensuring milk recorded samples are analysed uniformly to extract a wealth of information. Results help make strategic decisions about individual cows or the whole herd's health and performance.

- Compositional analysis for Butterfat, Protein, Lactose, Urea and Somatic Cell counts.
- Capability for analysis of Fatty Acids and Ketosis.
- State of the art automation and equipment to ensure fast turnaround of results.
- Samples individually barcoded and analysed uniformly to ensure full traceability and confidence in each result.
- Ever expanding ELISA Health Testing Suite from the one milk recorded sample.
- Milk analysis for Johne's, BVD Ab, BVD Ag, IBR Ab, IBR gE Ab, Lepto, Neospora and Liver Fluke.
- PregCheck screening service.
- BVDV Tissue, Blood and Milk testing by PCR or Elisa.
- Capability for analysis of most* diseases using blood.
- Results can be viewed on the ssecure online herd management programme, YourHerd.

The laboratory also operates a PregCheck screening service for the detection of pregnancy-associated Glycoproteins found in milk during pregnancy as early as 28 days after breeding.

**Liver Fluke are milk tests only*





MILK RECORDING
£0.65
PER COW PER MONTH*

Milk Recording provides the data to make informed decisions about future herd performance, from feeding to breeding.

The CIS offer a number of packages from a simple DIY system to a full milk recorder service, with reports supplied within 48hrs after sample receipt.

Milk recorders visit farms on a regular basis to take samples and arrange delivery to the laboratory. The results are uploaded online or can be sent by email or post.

**Based on 250 cow herd on 8 weekly DIY, factored, no paperwork.*

CIS Milk Recording Packages Include:

- Routine testing of all individual in-milk cows for lactose levels as well as urea, butterfat, protein and SCC.
- Test quarterly, monthly, 6 or 8 weekly with or without a recorder.
- SMS and email alerts when results are processed.
- Reports to support herd management and breeding
- Fertility report to deliver breeding success from conception to calving
- Access to the secure YourHerd web portal or MobileHerd app.
- The YourHerd web service is available as a secure online herd management programme for your herd.
- Electronic data file links to update farm and vet software.
- Links to pedigree Breed Societies and BCMS.
- Assess and monitor Johne's, BVD, IBR, Lepto, Neospora and Liver Fluke.
- Mastitis Monitor to aid decisions on dry cow therapy plans to reduce antibiotic usage.

Paperless packages are available, offering further savings and efficiencies for your business.





A milk recording sample holds a wealth of health information for dairy herds.

CIS provide insight from milk, tissue and blood samples to help dairy farmers manage herd health with a range of tools. Our Health Testing service can be offered without contracts keeping it simple to use. Results are accessed on our free secure online herd management programme, YourHerd.



**HEALTH TESTING
FROM £1.50**

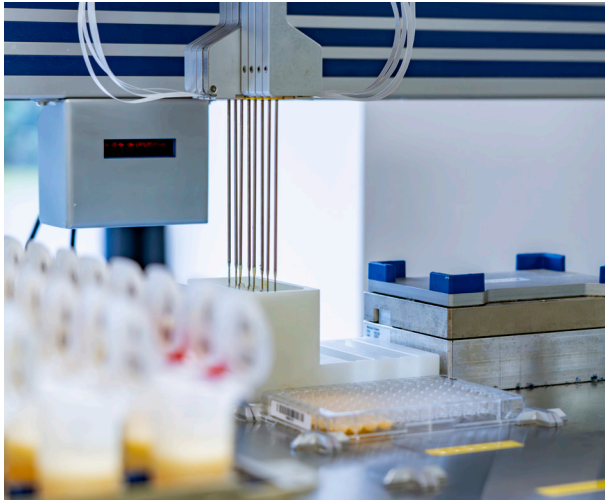
CIS Health Testing Includes:

- Disease testing for Johne's, BVD Ab, BVD Ag, IBR Ab, IBR gE Ab, Lepto, Neospora and Liver Fluke.
- CHECS approved Johne's Monitoring Scheme*.
- Ketosis/Acidosis indicator for an imbalance of butterfat/protein levels.
- Milk urea analysis to assist feed management.
- Protein intercept comparing production with protein levels to gauge energy status.
- SCC monitor to pinpoint ongoing or one-off problems.

Disease testing is available on a quarterly or ad hoc basis. All other analysis is included with routine milk recording.

**Opt-in scheme*





**QUARTERLY DISEASE
MONITORING
SCHEME FROM £0.50
per cow per month**

**The Quarterly Disease
Monitoring Scheme is
designed to achieve a
minimum of three results
per cow per year.**

Available tests:

- Johne's*
- IBR Ab, IBR gE Ab,
- BVD Ab
- Lepto
- Neospora

Results are presented on interactive graphs that highlight individual results by test date with individual cow trends and average herd result trend with % of herd tested.

Cows in Herd**	Monthly Invoice Per Cow***
<i>Minimum charge = 50 cows</i>	
0 - 50	£0.78
51 - 60	£0.72
61 - 70	£0.71
71 - 90	£0.70
91 - 104	£0.69
105 - 130	£0.63
131 - 200	£0.62
201 - 300	£0.55
301 - 400	£0.54
400 - 999	£0.51
1000+	£0.50

**Please note, it is not recommended to test for Johne's within the first week after calving or within 45 days of a TB test.*

***Based on the number of cows in herd on test day.*

****Paid monthly throughout the year from point of enrolment on to the scheme; Minimum contract 12 month, 1st Month Free.*

Herd Disease Status Service

- Four consecutive monthly bulk tank samples.
- Tested for BVD, IBR, Lepto and Johne's.
- On completion of the four tests details are available on YourHerd, with Biobest veterinary comments.

Full service =
£100
(£25 per month)

HerdCare Scheme

- Quarterly bulk tank tests
- Tested for BVD, IBR, Lepto and Johne's
- After each quarterly test details are available on YourHerd, with Biobest veterinary comments.
- The continued service allows you to be the first to know if your herds health status changes.
- Accreditation - Using this service enters you into the CHECS herdcare scheme, the gold standard in UK Cattle Health Schemes.

Full monitoring
scheme =
£120
(£10 per month)

Ad-hoc Individual Cow Testing

- Milk samples taken as part of routine recording can be used.
- Tests are available for BVD, IBR, Lepto, Johne's & Neospora.
- Test all or part of the milking herd, for all or just one disease.
- Paper report detailing the results for each individual cow tested.

BVD / IBR / Lepto
From £2.00 -
£8.95 per sample

Neospora
£3.20 - £5.95 per
sample

BVDV by RT-PCR – UKAS Accredited*	£25.00 per sample
BVD Blood – UKAS Accredited	£4.30 per sample
BVD Tissue – UKAS Accredited	From £2.38 per sample
Johne's CHECS Approved Monitoring Scheme – UKAS Accredited	£6.70 per month
Liver Fluke	£6.00 per sample
Microplasma Bovis <i>(the laboratory requires at least 2 weeks' notice to test for Microplasma)</i>	£6.00 per sample
Antibiotics	1 - 9 samples = £10 per sample 10+ samples = £7.50 per sample

*Currently Subcontracted



MULTI DISEASE BULK TESTS

Save money with CIS multi disease bulk tests

Bulk Samples can be used as a monitoring method to identify if disease is present or if the vaccination programme is working within the herd.

Per disease <i>(Leptospirosis, BVD Ab*, IBR Ab, IBR gE Ab, Liver Fluke, Neospora)</i>	Per test, per disease	Per month	Per quarter	Per year
1 disease quarterly	£4.80	£1.60	£4.80	£19.20
2 diseases quarterly	£4.74	£3.16	£9.48	£37.92
3 diseases quarterly	£4.50	£4.50	£13.50	£54.00
4 diseases quarterly	£4.38	£5.84	£17.52	£70.08
5 diseases quarterly	£4.26	£7.10	£21.30	£85.20
Ad-hoc	Cost per test for ad-hoc tests			
1 disease	£5.50			£5.50
2 diseases	£10.50			£5.25
3 diseases	£15.00			£5.00
4 diseases	£18.00			£4.50
5 diseases	£20.00			£4.00

**BVD Ab test to be requested at customer's discretion as results may be distorted due to dilution or previous vaccination. Additional charges may apply if samples taken out of normal Milk Recording visits.*

UKAS Accreditations

Test	Bulk	Individual
Johne's UKAS - Accreditation on Milk	X	✓
BVDAb - UKAS Accreditation on Milk	✓	✓
BVDV by RT-PCR - UKAS Accreditation on Blood, Serum, Plasma, Tissue and Milk*	✓	✓
BVDAg Tissue / Blood - UKAS Accreditation on tissue and blood	X	✓
IBR Ab	✓	✓
IBR gE Ab	✓	✓
Lepto	✓	✓
Liver Fluke	✓	✓
Neospora	✓	✓

*Currently Subcontracted





**JOHNE'S TESTING
FROM £1.50**

The CIS Johne's Monitoring Services provides testing of your cattle to help manage the potential disease affecting your current and future herd.

Johne's is a chronic progressive intestinal disease caused by the infection with *Mycobacterium Avium* subspecies *Paratuberculosis* (MAP). Johne's disease has a significant impact on the technical performance of the cow, affecting productivity and fertility.

CIS CHECS* monitoring service for Johne's includes:

- CIS CHECS* monitoring service for generating results.
- Quarterly whole herd testing service with milk recording.
- British Cattle Veterinary Association (BCVA) accredited vet to oversee results.
- Access results via the YourHerd secure online herd management programme.
- Review vet comments for the whole herd or individual animals.

**Opt-in scheme*

Please note, it is not recommended to test for Johne's within the first week after calving or within 45 days of a TB test.



The CIS laboratory tests for the BVD virus using ELISA technology.

Testing Options:

- Individual milk antibody ELISA.
- Individual cow blood antigen ELISA (test for virus).
- Individual ear notch tissue ELISA (test for virus).
- Bulk milk antibody ELISA.

**BVD TISSUE TEST
FROM £2.38**



**GENOMIC TESTING
FROM £22.20***

The CIS Genomic service enables you to view the animals with the greatest potential in the herd through hair and tissue samples.

The results help you to match your breeding decisions to the goals of the herd and the potential to develop traits such as longevity, fertility and disease resistance.

CIS Genomic Tests Include:

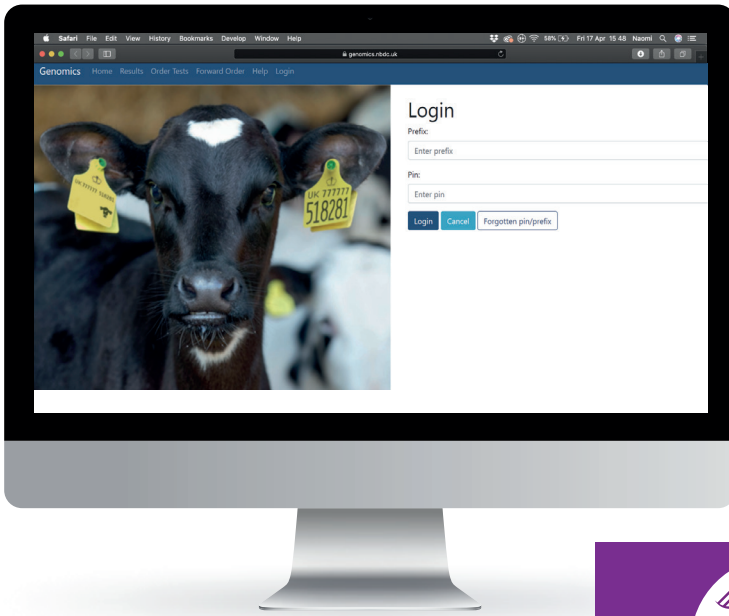
- Genomic production, type and management traits.
- High Density (HD) chip.
- Free genetic traits included.
- Samples can be stored for up to seven years.
- Access and view results via the secure online herd management programme YourHerd or Holstein results through the Genomic Portal.

Additional Options Include:

- GTPI evaluations (for an additional fee).
- Additional genetic and diagnostic tests can be tested at the same time, or in addition to the genomic test.

Genomic testing is available for pedigree Holstein, Friesian, Jersey and Ayrshire breeds.

**Including the AHDB genomic evaluation fee*



The Genomic Portal enables Holstein UK members to view animal results and select animals through filters on a wide selection of traits.

For Holstein UK members, all genomic testing results, regardless of who provided the testing, are displayed on the portal. The free secure portal is a totally independent tool to help you make decisions on your herd. Go online to view the demonstration portal.



genomics.nbdc.uk

The CIS Cell Count Service helps pin point the high cell count cows in the herd to avoid milk buyer penalties.

Monitoring Cell Counts is vital to ensure that the number of somatic cells does not increase. If the somatic cell count rises, this can lead to decreased milk yields and increased treatment costs. This is primarily due to the damage of milk producing tissue in the udder caused by mastitis pathogens and the toxins produced, particularly when epithelial cells are lost.

CIS Cell Count Service Includes:

- A postal service is available from your milk samples to help keep costs to a minimum.
- Samples can be delivered to the laboratory through your CIS Milk Recorder.
- Fast turn around of results.
- Butterfat and protein analysis included upon request.
- Reports available as downloadable PDF's, Excel files or paper copies.
- SMS and email alerts when results are published on YourHerd and the MobileHerd app.



**CELL COUNTS
FROM £0.54
per sample**



**PREGCHECK
ONLY £3.50
PER SAMPLE**

The CIS PregCheck is the most effective and least invasive form of pregnancy testing to manage the reproductive cycle for your herd with accuracy.

From timely breeding to pregnancy confirmation to successful calving, PregCheck is a critical component for today's dairy farms. The service is non-invasive and hassle free by testing samples from milk recording.

The milk pregnancy test is based on ELISA technology and detects the presence of Pregnancy Associated Glycoproteins (PAGs) in the milk sample.

The CIS PregCheck service is offered without any contracts keeping it simple to use and you can access results on our secure online YourHerd portal or via the MobileHerd app.

CIS PregCheck service:

- Identifies open animals from 28 days after service and 60 days after calving
- 98% level of accuracy
- Least invasive form of pregnancy diagnosis
- Sampling program can be done during routine milk recording
- Most effective in regular milk recording herds with accurate breeding and service data
- Up to three tests may be defined per lactation – post service, midterm and before drying off
- Results may be positive, negative or recheck (Rechecks are free of charge)
- Results can be viewed on the the secure online herd management programme YourHerd and the MobileHerd app.



**PEDIGREE
PACKAGES
FROM £1.24***

CIS Pedigree Packages are a one stop shop offering milk recording services, female pedigree registrations and type classification visits for a single fee.

The Pedigree Packages spread costs over a 12 month period. The participating breeds for Pedigree Packages are Holstein, Friesian, Ayrshire, Jersey, Guernsey and Brown Swiss.

	CIS THR* Pedigree Package	CIS Complete Pedigree Package
Milk Recording - DIY or Assisted with frequency options	✓	✓
Freephone or web access for female calf pedigree registration, transfer and passport application	✓	✓
Fertility and Health Recording	✓	✓
24 hour online access to herd data	✓	✓
Results can be accessed on the secure online portal YourHerd or via the MobileHerd app	✓	✓
Cow mating tools including WebMate and Bull Selector	✓	✓
Two inclusive type classification visits per year - Additional visits can be arranged if required		✓

** Based on 250 cow herd on 8 weekly DIY, factored, no paperwork.*



Get registrations, transfers and passport applications included with the Complete Package.

As part of the Complete Package, you are entitled to inclusive phone or web female calf registrations, transfers and passport applications. With good farm records, upgrading a herd to pedigree status is easy. Animals can be registered using their official ear tag identity; by phone or online. Using our advanced computer links, we will also transfer information to BCMS at no additional cost, giving you one less thing to worry about.



**PHONE & WEB
REGISTRATIONS**

Receive Type Classification visits with the Complete Package.

The Complete Package includes two Type Classification visits per year and for larger herds, more visits can be arranged if necessary. The assessment of 27 linear type traits to produce five composite scores and the analysis of five welfare traits has been proven to directly impact cattle productivity.

Highly graded animals are proven to have longevity and be more profitable than non-classified animals, therefore it is a worthwhile service to consider using as part of your CIS milk recording package.



**INCLUDED WITH
COMPLETE PACKAGES**



COMPATIBLE SOFTWARE

CIS services are compatible with on farm and advisor software.

One of the key benefits of milk recording with CIS is that YourHerd can be used as a standalone herd management programme or used in conjunction with software that is already integrated on farm, or used by your advisors.

The CIS is compatible with most on farm software and links to the majority of parlour software available in the UK.

The CIS has developed many two-way data exchange links; you choose the software that suits your individual needs.

Independent Software Companies:

- Cow Alert
- Cow Manager
- DairyComp305
- HerdLync
- Interherd
- Interherd +
- Kingswood
- Orchid
- Silent Herdsman
- Sum-It
- Uniform Agri

Parlour Links:

- Boumatic - Herd Matrix
- DairyMaster - Milk Manager
- DeLaval - Alpro/Delpro
- Fullwood - Crystal and Merlin
- Lely - Robots
- GEA Westfalia - C21 & DP5



**AVAILABLE FREE
FOR iPhone &
ANDROID**

Collecting Herd Management Data amongst your Cows.

MobileHerd is a free app developed to allow farmers and advisors to access animal data and record information whilst out and about on the farm.

MobileHerd Benefits:

- Secure download of the herd's information.
- View animal records at the touch of a button.
- Add individual animal events, as they happen.
- Synchronise MobileHerd data with YourHerd.
- View day-to-day reports for animals that are due to calve, serve, PD or dry off.
- Internet connection only required for synchronisation of data when entered.

The secure web based YourHerd management program has enhanced the power of CIS milk recording systems.

YourHerd allows essential management decisions to be made without the need to spend valuable time searching through information from several different sources. It enables farmers and advisors to view the complete picture of the herd and investigate individual cows.

A secure login displays the whole herd and individual cow performance. YourHerd can also be used as a complete herd management program at no extra cost.

MobileHerd Benefits:

- 24/7 access to input events, register new births with BCMS, access Breed Society links, download reports and track movements.
- Benchmark your herd and track performance within region and nationally.
- Meet Farm Assurance legislation with linked movement book and medicine records.
- Short and long term production planning tools.
- View day to day action reports.
- Track herd health and monitor disease prevalence.
- Access is free for all CIS customers.



**FREE
ACCESS**



**ARC EARTAGS
FROM £1.45**

The Approved Registered Cattle (ARC) mark provides traceability of registered cattle to the industry.

A selection of ear tags, competitively priced, are available for all dairy breeds.

In addition, Holstein, Jersey and Brown Swiss society members can purchase exclusively branded ARC tissue tags providing each animal's DNA as part of an integral tissue bank to increased knowledge through genomic evaluation, parentage verification or health testing. DNA samples can be stored for up to seven years.

The ARC high-quality tag supplier boasts some of the highest retention rates on the market. Along with this, the tissue tags are quick and easy to use, with no chance of misidentification.

Buy online:
www.approvedregisteredcattle.com

Registering animals through ARC provides a wide range of benefits to the whole of the supply chain.

Members

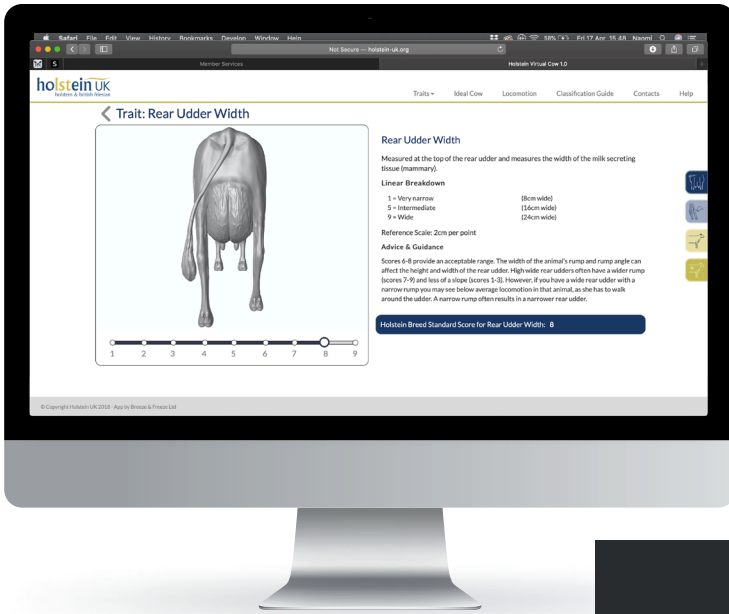
- Informed breeding decisions
- Assurance of parentage
- Added value
- Health testing
- Adds confidence when purchasing
- Opportunities for further testing

Retailers/processors

- Assurance over breeding
- Traceability for animals entering the meat supply chain

Consumer

- Knowledge
- Assurance

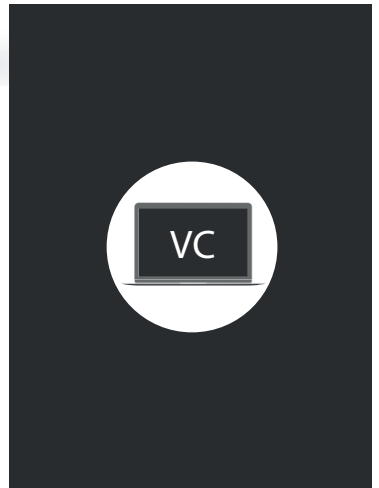


Visualise your ideal traits with the Virtual Cow.

The Virtual Cow is a 3D model which graphically illustrates the differences in conformation between cows with various classification scores.

With interactive illustrations of the linear scale for cow conformation, you can visualise mammary, legs & feet, body conformation and dairy strength traits to improve the understanding of dairy cow conformation and easy visualisation of anatomical differences.

www.holstein-uk.org/virtualcow





A fully interactive web-mating tool to make mating decisions even easier.

WebMate utilises both female classification and genomic evaluation data to create virtual matings with potential sires. Discover which bulls best match your females, to breed the type of cows you want and at the same time minimise the risk of inbreeding.

www.holstein-uk.org/webmate



*WebMate is available
for Holsteins, Friesians,
Ayrshires, Jerseys and Guernseys.*

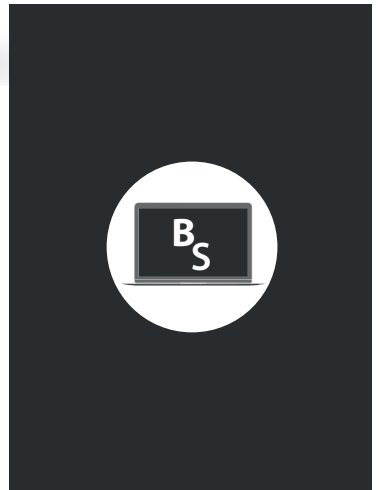


Select sires that suit you and your system.

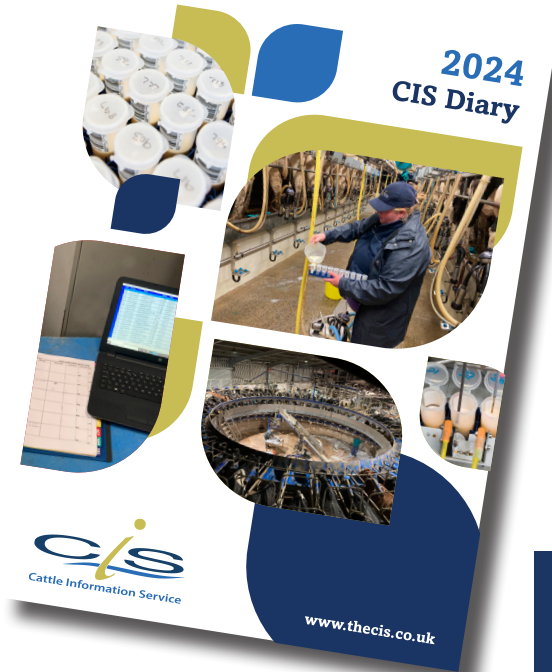
Bull Selector assists in making informed breeding decisions in just a few simple steps.

Through Bull Selector, you can find potential mating sires for your herd from the pool of AI bulls available in the UK. By selecting your preferred range of key genetic trait criteria, you will easily see which sires would be best suited to your breeding goals.

www.holstein-uk.org/bullselector



Bull Selector is available for Holsteins, Friesians, Ayrshires, Jerseys and Guernseys.



The CIS Management Diary is an invaluable tool for all dairy farmers and their staff.

The A4 diary is supplied in a ring binder with plenty of space to write against key dates.

It includes:

- Full one-week-to-view diary for day-to-day herd management.
- Medicine and movement records.
- Breeding, feeding and waste management plans.
- Complies fully with National Farm Assurance and Red Tractor.



**CIS DIARY
ONLY £29.00**

A team of CIS Area Managers are located through the UK.

The CIS team of Area Managers are located across the UK managing teams of milk recorders visiting farms to take milk samples quarterly, monthly, 6 or 8 weekly.

CIS Area Managers can discuss the health testing options for your herd and provide an all inclusive quotation.

Visit www.thecis.co.uk/contact-us to find your local Area Manager.



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Please note that we also provide services in Jersey and the Isle of Man.



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info@thecis.co.uk
www.thecis.co.uk

The Cattle Information Service
Scope House, Hortonwood 33, Telford, Shropshire, TF1 7EX



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