



QuarterPRO - Step 1

Interpretation of the Pattern Analysis Report

This report is designed to give you a herd-level assessment of mastitis pattern on your farm at the most recent milk recording.

It should not replace regular herd health visits with your vet or consultant.

For advice please seek a qualified QuarterPRO advisor.

Further details on QuarterPRO and the AHDB Mastitis Control Plan can be found here...

<https://ahdb.org.uk/quarterpro>

<https://www.mastitiscontrolplan.co.uk/>

AHDB

MASTITISCONTROL

Where infections are coming from
When the majority of cows are becoming infected

Headline figures on mastitis and SCC in the past 15 months

Is mastitis an important issue on your herd?

- The current mastitis situation is defined as Major, Moderate or Adequate based on the rates of new infection, measured using SCCs and clinical mastitis
- The rate in the current quarter and in each quarter in the last year are taken into account

Mastitis Pattern Analysis Report



The current key herd mastitis pattern is:

Environmental Dry Period

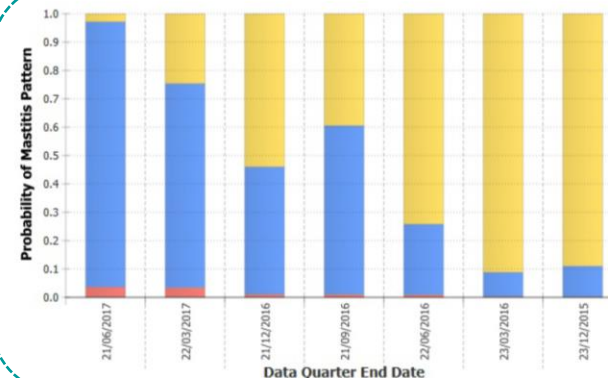
Mastitis and Milk Quality currently a **MAJOR** Issue

Business Name: New Beech Farm
Farm: Old Oak
Report Date: 21/06/2017

	Current Quarter	Last Quarter	This Quarter LastYear
Calculated Bulk Milk SCC ('000 cells/ml)	309	292	215
Cow Clinical Mastitis Incident Rate (/100 cows/year)	64.0	209.0	107.0

Mastitis Pattern Trends

Pattern Trends ■ Contagious ■ Environmental Dry Period ■ Environmental Lactation



Change in pattern over the past 18 months

- Are the dry or lactating periods becoming relatively more important?

Is there seasonality to your mastitis pattern?
Data should be reviewed with your QuarterPRO advisor to identify seasonal patterns.

For example:

- Does mastitis increase after turnout?
- Is cell count higher during winter?

Seasonality:



There appear to be clear important seasonal patterns

Heifer Management:



Fresh calved heifer issues: **MAJOR**

Are heifers important in your mastitis pattern?

Data should be reviewed with your QuarterPRO advisor to identify heifer patterns.

For example:

- Are heifers calving in with high cell counts or acquiring infection during lactation?
- Do heifers calve all year round or in a block?



Overall data quality is **GOOD**

The number of recordings is **adequate**

Sufficient clinical mastitis data is available to inform a robust diagnosis

Sufficient cows have calved to inform a robust diagnosis

Sufficient heifers have calved to inform a robust diagnosis of heifer related issues



This is based on a machine learning algorithm that assesses your herd's data from the past 3 years. For a more in depth assessment please consult a suitably qualified advisor.

For more information please use the QR code
TotalVet 3.2.58 (Beta)
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Assessment of data quality.
Is there enough information to make a robust diagnosis?

What do I do next?
Scan the QR code or visit for more information:
<https://ahdb.org.uk/quarterpro>