

SIMHERD ARLAFLEX – CALCULATE VALUE OF INCREASED ROBUSTNESS

1. Introduction

Use this tool to calculate the value of increasing your herd's robustness.

2. Enter your herd data

Cow mortality last 12m ▾

Cow mortality, %

Enter current mortality = % cows dying last 12 months

Your herd ▾

Milk yield - l/cow/year

Number of cows

21d pregnancy rate, %

Enter KPIs from your herd to describe your current situation

Use levels from last 12 months

3. Specify causes and targets

Enter the % of cows that have died or being euthanised due to these causes the last 12 months

	% cows dying now	Reduction target
Injury	<input type="text" value="3.0"/>	<input type="text" value="50%"/>
Metabolic diseases	<input type="text" value="3.0"/>	<input type="text" value="50%"/>
Lameness	<input type="text" value="2.0"/>	<input type="text" value="50%"/>
Mastitis	<input type="text" value="1.0"/>	<input type="text" value="50%"/>
Other cause	<input type="text" value="1.0"/>	<input type="text" value="50%"/>

Enter your target – how much would you like to reduce current mortality?
The tool assumes a corresponding reduction in underlying disease risk.

You can enter value or use arrows

4. Results

Main results

Cow mortality, change in %-units	Annual Net Return per cow - change in £
<input type="text" value="-4.2"/>	<input type="text" value="214"/>

Numbers show the changes resulting from a decreased mortality = increased robustness

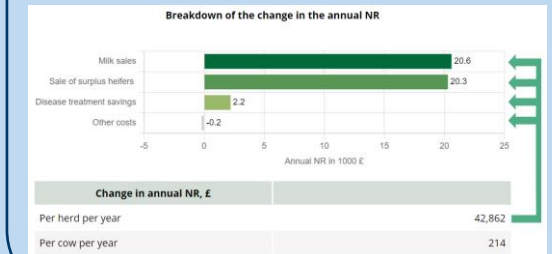
Technical results

Changes in KPIs		
KPI		
Culling rate		-4.2
Number of surplus heifers sold		6
Milk yield, l/cow/year		266
Lifetime yield, l/cow		5,990
Workload per week, hours		-1.2
Methane emission per liter of milk, %		-1.9

Show the underlying technical results behind the change in the annual net return such as change in milk production culling rate and surplus heifers.

Benefit breakdown

Show where the money comes from by breaking down the annual net return into different sources



5. Other options

Adjust prices/costs

Prices >

Treatment costs >

Prices and treatments costs can be adjusted to your situation

Treatment costs include veterinary fee plus direct costs treatment (medicine etc.)

Reset



The green reset button will reset all entries

The arrow at each cell resets a single entry

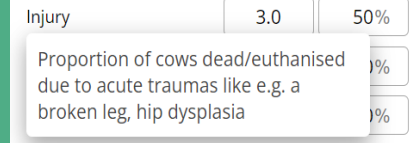
Print

The print button in the top, right hand corner prints the results



All open features are printed

Help



Parameters showing a ? when hovering with the cursor, have a help text. Clicking at the ?, elicit an explanation of the parameter