

Required Innovative Technologies – Mobility Improvement

We recommend you print this page to use as a reference when answering the application questions.

Applicants must be able to demonstrate the use of the following technologies:

1. Advanced footbathing facility

Demonstrates footbathing facility to include at least 2 advanced measures e.g footbath at least 3m long; pre-wash bath; low spillage design; fully automated bath

2. Robust footbathing protocol

Demonstrates and justifies an effective and efficient foot bathing routine i.e frequency of footbathing and cow passes between solution changes

3. Footbath calibration and product selection

Demonstrates maintenance of correct volume and concentration of product in the foot bath e.g using the CAFRE footbath calibration application to assist with this. Demonstrates choice of effective product

4. Routine preventative and timely corrective hoof trimming

Demonstrates preventative hoof trimming e.g at drying off/60 days in milk/annually/prior to turnout. Demonstrates timely and effective corrective hoof trimming for cows which are diagnosed as lame.

5. Dedicated foot treatment facilities

Demonstrates that safe, easy handling and effective foot treatment is undertaken using suitable facilities (a) by applicant farmer who must be trained and qualified (qualification to be specified) OR (b) by a professional foot trimming contractor

6. Selective breeding to improve cow mobility

When selecting bulls for replacement heifers the applicant demonstrates selection of traits to improve mobility and/or reduce lameness OR demonstrates selection criteria applied to cows bred for replacements i.e does not breed from cows with a history of poor mobility.

Desirable Innovative Technologies – Mobility Improvement

We recommend you print this page to use as a reference when answering the follow up questions.

Applicants may be shortlisted based on being able to demonstrate the use of the following technologies:

1. Use of hoof trimming information

Demonstrates recording of hoof trimming, for example, CAFRE hoof trimming sheets or sheets provided by contractors, and analysis of the data to identify underlying causative factors of lameness and to target professional advice e.g from your vet or specialist consultant/advisor

2. Mobility Scoring

Demonstrates the analysis of mobility scores for the herd to provide key performance indicators and monitor trends. Examples of indicators are mobility index and breakdown of cows which are lame verses severely lame.

3. Managing cow environment (indoors and outdoors) to improve cow mobility

Demonstrates key design features within housing/environment and management practices which are conducive to reducing lameness by keeping cows clean, reducing injury and minimising time standing. Examples should include at least two targeted measures e.g housing design features; laneway construction and maintenance; measures to minimise time standing.