



CIEL Feed and Nutrition Open Innovation Group Ruminant

Tuesday 22nd March 2022 - Meeting Notes

1. Farmers need guidance on what to do i.e., a model to use that provides some insight as to what would happen if they made changes. This would be useful to see the effect of former foods or alternative proteins on production and emissions
2. How much protein is required? Previously formulations have been based on energy, but this is changing. Need better tools related to protein requirements and dietary supply
3. Knowledge transfer is minimal in the industry and should be increased to the benefit of all producers.
4. Link between health, nutrition and age of first lactation.
5. Issues with the GFLI data base in that there are gaps which need filling, and some of the data is from Europe so may not be relevant to UK farming systems.

Actions

- a. James will update us further on work AIC are doing in terms of Carbon monitoring and modelling.
- b. Mark Scott (lead), James, Julie and David will consult and respond by 8th April on the following:
 - Define the model, and parameters needed
 - Key interactions
 - Academics will then review and comment.