

To contact us

If you would like to know more about how Bioparametrics can improve the profitability of your dairy herd then please ring us direct or ask your professional advisor to get in touch:

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Bioparametrics Analytical and Advisory Services

“Feeding Ruminants Correctly”

Would you like to improve the use of home-grown forages in your dairy diet?

Would you like to improve animal performance?

Bioparametrics is a new company which evolved out of Edinburgh University. We have created a more accurate approach to feed and forage analysis to provide an improved advisory service.

Read on to find out more....

Analytical Services

The health and performance of the cow relies to a large extent on the nutritional value of the forage being fed and how accurately the forage is balanced with supplementary feed stuffs.

Biopara-Silage

This is an advanced NIR forage analysis system. It offers distinct advantages over conventional systems because it first identifies the quantities of specific nutrients and secondly the speed of degradation by rumen microbes - sugar, pectin, quick starch, lactic acid acetic acid, slow starch, fermentable NDF, quick protein, slow protein, ammonia, oil and ash are all measured. This information enables managers to balance rations more accurately and meet the animals dietary requirements more effectively.

Biopara-Mineral

Correct mineral supplementation can only be achieved if accurate predictions of intake and performance of the complete dietary regime are available. Since more than 60% of the cows dry matter intake is in the form of forage, it is essential to know the content of macro and trace elements in the forage. **Biopara-Mineral** forage analysis can also be a useful guide to underlying soil conditions and the need to review how manure and fertilizer management may be affecting the nutritional values of home-grown forage.

Diet Assessment & Advisory Services

Biopara-Milk

This is ration formulation software that uses information from **Biopara-Silage** and **Biopara-Mineral**. It provides accurate prediction of cow performance, nutrient balance and acidosis risk. **Biopara-Milk** is available under licence to professional users and is currently used by herd managers formulating their own rations, independent nutritionists, feed mills and vets.

Remote Biopara-Milk

This service is for busy managers who wish to take advantage of the benefits of **Biopara-Milk** but who do not have the facilities or time to install and run **Biopara-Milk** on a daily basis. Clients provide forage for analysis along with relevant background information and from this any current feeding regime can be evaluated. Reports and recommendations regarding any corrections requires to balance nutrient and mineral supply are provided along with telephone support

The services in the Bioparametrics “Feeding Ruminants Correctly” programme are available to farmers and herd managers via their chosen professional advisor, eg. Nutritionist, Vet or Feed Representative