



Crop Management Consultancy

NIAB CUF provides a range of technical consultancy services to potato growers and the supply chain to improve production, efficiency and crop quality.

We work with you to provide strategic agronomy and an evaluation of the performance of your crops using our Potato Yield Modelling service. Identify where losses of marketable yield occur and how to improve in the future, including:

VARIETY

SEED

NUTRITION

CROP ESTABLISHMENT

WATER

PESTS AND DISEASES

For further information and to obtain a quote please contact the NIAB CUF team at NIAB-CUF@niab.com or +44 (0) 1223 651599

niabnetwork.com

niab  digital

Potato Yield Modelling



niabnetwork.com

Next steps

Prices start from £20 per hectare.

For more information and to register contact the NIAB CUF team at NIAB-CUF@niab.com or +44 (0) 1223 651599.

Potato Yield Modelling is available as part of NIAB Digital's Potato Crop Management service, in partnership with KisanHub. Development of NIAB CUF digital tools is supported by Agrimetrics.



Maximise on-farm and supply chain profitability by generating real-time forecasts of how total and graded yield will develop as the season progresses using the online and interactive Potato Yield Modelling service from NIAB Digital.

Designed by NIAB CUF, and successfully used by growers and commercial organisations in five countries to improve crop performance and make more informed supply chain decisions, the service will:

- ◆ Forecast total and graded yield up to 10 weeks before harvest
- ◆ Benchmark crop performance and canopy development between crops
- ◆ Choose the optimal burndown date for desired size grades

How it works

- ◆ Available via PC, smartphone or tablet, on the NIAB Digital Potato Crop Management dashboard
- ◆ Growers enter key data on their crops, e.g. field location, variety, planting and emergence dates, and weekly measurements of crop ground cover
- ◆ These are combined with weather data to estimate total carbohydrate production and partitioning between the crop canopy and tubers
- ◆ Yield forecasts, using a combination of graphics and tables, outline expected crop development
- ◆ Crops can be compared and reasons for poor crop performance can be understood



“Mountain King grows several thousand acres of potatoes in Colorado. Since 2005 we have used the Potato Yield Modelling service to help us manage our crops more efficiently in the field and to ensure our customers are always supplied with the quality potatoes they want.”

Dr Cary Hoffman, Owner, Mountain King Potatoes

About NIAB CUF

NIAB CUF leads the way in developing a greater understanding of the potato crop and its cultivation, working closely with the entire potato supply chain to improve production efficiency and sustainability. An unrivalled source of agronomy research and expertise, NIAB CUF is committed to ensuring the benefits of high quality research are transferred effectively into practical agriculture through support services, knowledge exchange and consultancy.

www.niab.com

niab-cuf@niab.com

