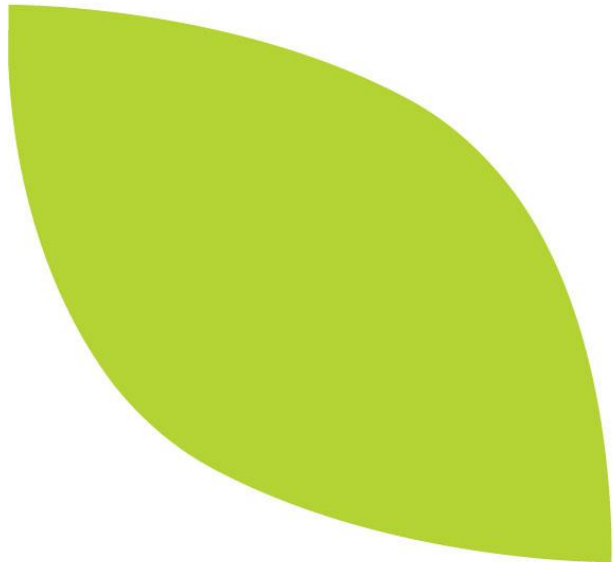


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NUTRI-CHECK NET

The NUTRI-CHECK NETwork to maximise site-specific precision

in managing the nutrition of European arable crops.

Europe faces huge and urgent challenges of increasing crop productivity whilst reducing use of synthetic fertilisers and nutrient losses. During the next 3 three years, this project will establish a self-sustaining, multi-actor, Thematic Network called “NUTRI-CHECK NET” that builds farm-level adoption of best field-specific nutrient management practices across Europe.

In nine countries, farmers’ Crop Nutrition Clubs will identify and share the nature of their uncertainties about crop nutrition, their challenges, and barriers to change. Decision-systems and nutrition tools (including commercial products, services, and recent research outputs) will be assembled by national experts from across Europe, including leading farmers, into a common online NUTRI-CHECK NET platform. The Crop Nutrition Clubs will then evaluate effectiveness of new protocols and tools selected from the toolbox to meet their main challenges. Thence they will co-create and adopt farm- and field-specific ‘measure-to-manage’ approaches that address their crop nutrition challenge(s). Evaluations of protocols and tools by farmers and experts will address their ease of use, trustworthiness, costs, and benefits. Initial and final evaluations will be shared across the Network to define ‘best practices’, which will be demonstrated and disseminated widely, including through liaison with other relevant Thematic Networks and EIP-AGRI. The toolbox and best practices will be held accessible and improvable *in perpetua* on EU-FarmBook.

Widespread adoption of ‘measure-to-manage’ or ‘check-to-change’ approaches to crop nutrition will enhance nutrient recycling and crop productivity, whilst reducing synthetic fertiliser use and nutrient losses across Europe.

