

2026年度 第2回

名古屋大学農学国際教育研究センター オープンセミナー

International Center for Research and Education in Agriculture
(ICREA), Nagoya University, 2nd Open seminar in AY2026

2026.9.4 (Fri.) 15:30 - 17:00

会場：名古屋大学農学部第7講義室

Venue : Lecture room No. 7,
School of Agricultural Sciences,
Nagoya University

開催形式：対面

Format : In-person

言語：英語

Language : English

Research on Improving Potato Productivity for Food and Nutritional Security in Nyandarua County, Kenya



ケニア・ニヤンダルア郡における食料・栄養安全保障に向けたジャガイモの生産性向上に関する研究

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Potato is the second most important staple crop after maize in Kenya and a major food and income crop in Nyandarua County. Potato productivity among smallholder farmers remains substantially below attainable yield levels due to poor seed systems, inadequate soil fertility management, pests and diseases, limited mechanization, and weak value-chain integration. A research project is in progress to address these challenges and boost potato yields, funded by JICA (Africa-ai-Japan Project). Regional survey studies conducted in the project revealed large yield variations and diverse agronomic practices under smallholder conditions.

Participatory on-farm trials were henceforth implemented to compare farmer practices with integrated best management approaches using certified seed, soil test-based fertilizer blends, and optimized agrochemical programs. Best management practices resulted to potato yield increases of more than 50%. By adopting best crop management practices, potato yields can be improved to attainable yield levels, improve farm profitability under smallholder conditions and contribute to better livelihoods, food and nutritional security in Kenya. In this seminar, the progress, findings and achievements of the potato value chain project in Nyandarua county, Kenya will be shared.

参加希望の方は、QRコードから事前に参加登録をお願いします。
Please register for participation in advance using the QR code.



■問い合わせ Contact■

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