Presentation schedule PotatoEurope 2025
Wageningen Plant Research (Stand E6-01)

Wednesday | September 3rd

Time	Topic	Speaker(s)
09:30	Advances in digital in tools for potato production and compliance	Corné Kempenaar (BO Akkerbouw) Corné Lugtenburg (WUR)
10:30	Integrated Management *Meloidogyne chitwoodi/ M. fallax*	Johnny Visser (WUR)
11:30	Innovative Pathways for Potato Seed Sector Development: Spotlight on Nigeria and East Africa	Marijke Zonnenberg (SeedNL) Herman de Putter (WUR)
13:30	Cover crops & potatoes	Tess van de Voorde (WUR) Damian Teuns (WUR)
14:30	Future of seed potatoes (interactive)	Lennart Fuchs (WUR)
15:30	Integrated Control of Potato Cyst Nematodes (workshop)	Leendert Molendijk (WUR)
16:30	Closing the yield gap of potato and minimizing all inputs	Thomas Been (WUR)

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09.30 | 10.30	**Advances in digital in tools for potato production and compliance. Corné Kempenaar – BO akkerbouw** Smart farming and compliance are drivers of digitalization in arable farming. In a presentation with Q&A, we give an overview how farmers and value chain partners can better use data and digital tools, and which policies are being implemented in the Dutch Agrifood data ecosystem. The introduction of the Code of Conduct Data Use Agrifood is a start. Joint data infrastructures and sector tools are being developed and/or implemented under governance of BO Akkerbouw. A live demonstration of the Biodiversity Monitor Arable farming (BMA) KPI application will be given. This BMA gives integrated scores for key environmental impact indicators. Other tools, such as Soil N-Mineral, Emission Protocol, Blight, Phytoalert and Pesticide monitor & Benchmark tool app will shortly be pitched. The use of these tools at farm level, is studied in the AGROS II public private project of Bayer, BO Akkerbouw, CropLife, John Deere, Kverneland, Roullier, SKL, TKI AgriFood and Wageningen Research. More details, see e.g. AGROS II website: https://www.wur.nl/nl/project/agros-ii-data-and-technology-for-smart-crop-management-in-field-crops.htm
10.30 | 11.30	**Integrated Management *Meloidogyne chitwoodi/ M. fallax.* Johnny Visser - WUR** *Meloidogyne chitwoodi* and *M. fallax* are nematodes that can cause severe damage in arable crops. In The Netherlands, a Integrated Nematode Management strategy, as part of an integrated crop management approach, has been developed to reduce the use and dependency on synthetic nematicides. The strategy is based on five major pillars: monitoring & evaluation, crop diversity in time & space, cultivar choice & cropping strategy, soil, water and nutrients and targeted control. An approach with a well-thought combination of measures is needed to cope with problems on the longer term.
11.30 | 13.30	**Innovative Pathways for Potato Seed Sector Development: Spotlight on Nigeria and East Africa. Marijke Zonnenberg - Seed-NL ; Herman de Putter - WUR** The potato sector is undergoing dynamic transformation across Africa, with seed systems at the heart of sustainable growth. At Potato Europe, SeedNL, together with Sepia Foundation, the Dutch Agricultural Counsellor to Nigeria, the Dutch Enterprise Agency (RVO) and WUR Field Crops, will host an interactive workshop exploring innovative pathways for potato seed sector development. We invite all Potato Europe participants with an interest in seed systems, agribusiness innovation, and international collaboration to join this session and be part of shaping the next chapter for potato seed development in Africa.
13.30 | 14.30	**Cover crops and potatoes. Maria-Franca Dekkers – WUR** How can you strategically use cover crops around potato cultivation? In this presentation, we'll discuss how to choose the right cover crop before or after potatoes, and what this means for soil health, nitrogen use efficiency, and soil structure within your crop rotation.
14.30 | 15.30	**Seed potato at Farm of the Future? Dialogue on how to shape a future-proof system Lennart Fuchs – WUR** Farm of the Future works on an integral future-proof agriculture and now wants to know how this should look like for seed potatoes! Join us in an interactive session, where we first dive into the main challenges for seed potato towards the future, whereafter we will start our search for solutions and choices to combat these challenges.
15.30 |16.30	**Integrated Control of Potato Cyst Nematodes. Leendert Molendijk – WUR** In this workshop the Integrated Nematode Control strategy of Globodera is presented. This is your chance to discuss with specialists about possibilities to control this annoying Quarantine nematode in Europe and abroad.
16.30 | 17.30	**Closing the yield gap of potato and minimizing all inputs. Thomas Been – WUR** WUR developed a digital toolkit to grow potatoes with fewer inputs and higher yields. Inputs are reduced through VRA applications for herbicides, nitrogen, Late Blight, and haulm killing. Late Blight and Altenaria are managed with advanced models, while yields are optimized using the Tipstar growth model, which calculates yield gaps and water/nitrogen needs. All models are available on the Farmmaps platform or through an API.

Presentation schedule PotatoEurope 2025
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Thursday | September 4th

Time	Topic	Speaker(s)
09:30	Closing the yield gap of potato and minimizing all inputs	Fedde Sijbrandij (WUR)
10:30	Cover crops & potatoes	Maria-Franca Dekkers (WUR) Damian Teuns (WUR)
11:30	Get a grip on Wireworm populations	Klaas van Rozen (WUR)
12:30	Integrated Management Meloidogyne chitwoodi/ M. fallax	Johnny Visser (WUR)
13:30	Smart disease detection in seed potatoes	Aard Duivenvoorden (H2L Robotics) Steffie van den Dries (Kverneland) Corné Lugtenburg (WUR)
14:30	Integrated Crop Management (ICM) – the principles	Timo Sprangers (WUR)
15:30	Integrated Control of Potato Cyst Nematodes (workshop)	Leendert Molendijk (WUR)

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10.30 | 11.30	**Covercrops and Potato's. Maria-Franca Dekkers – WUR** How can you strategically use cover crops around potato cultivation? In this presentation, we'll discuss how to choose the right cover crop before or after potatoes, and what this means for soil health, nitrogen use efficiency, and soil structure within your crop rotation.
11.30 | 12.30	**Get a grip on wireworm populations Klaas van Rozen - WUR** Wireworms cause feeding damage to potato tubers. These larvae of the click beetle live a hidden life underground. For potato cultivation, it's important to understand the risk of wireworm damage. Within the Public-Private Partnership project "Grondige Aanpak Bodemplagen" (GAB - Thorough Approach to Soil Pests), work is being done on prediction and monitoring methods to better assess this risk. Thanks to smart technologies and improved knowledge, it is becoming possible to respond more precisely and sustainably to this silent pest.
12.30 | 13.30	**Integrated Management Meloidogyne chitwoodi/ M. fallax. Johnny Visser – WUR** Meloidogyne chitwoodi and M. fallax are nematodes that can cause severe damage in arable crops. In The Netherlands, a Integrated Nematode Management strategy, as part of an integrated crop management approach, has been developed to reduce the use and dependency on synthetic nematicides. The strategy is based on five major pillars: monitoring & evaluation, crop diversity in time & space, cultivar choice & cropping strategy, soil, water and nutrients and targeted control. An approach with a well-thought combination of measures is needed to cope with problems on the longer term.
13.30 | 14.30	**Smart disease detection in seed potatoes. Aard Duivenvoorden - H2L Robotics; Steffie van den Dries - Kverneland; Corné Lugtenburg - WUR** The Netherlands are known for high quality seed potato production. To guarantee disease free seeds in the future, an AI detection model and platform has been developed to detect Y-virus, Erwinia and Leaf Curl Virus. In this session we (WUR, Kverneland, H2L Robotics) tell you about the road to this development and show the current status of our project.
14.30 |15.30	**ICM – the principles Timo Sprangers – WUR** Crop health is a cornerstone of productive, resilient, and economically viable farming systems. Yet, in the face of changes in crop protection, climate pressures, and pest and disease dynamics, maintaining healthy crops requires more than isolated interventions—it demands a systems approach. Integrated Crop Management (ICM) is a holistic framework developed by Wageningen University & Research that empowers growers to redesign and optimize their cropping systems. By integrating biological, ecological, and agronomic principles, ICM helps identify synergies and trade-offs across the entire cropping system. In this session, we'll explore how ICM can be applied to potato cropping systems—uncovering practical strategies to boost yield, reduce inputs, and enhance sustainability.
15.30 | 16.30	**Integrated Control of Potato Cyst Nematodes Leendert Molendijk- WUR** In this workshop the Integrated Nematode Control strategy of Globodera is presented. This is your chance to discuss with specialists about possibilities to control this annoying Quarantine nematode in Europe and abroad.