



Pathogen and Host Resistance subgroup summary

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Presenters



- **Romain Mabon**, Improved PCR to determine the *P. infestans* mating type
- **James Lynott**, Characterising dominant *P. infestans* genotypes in Great Britain
- **Isaac K Abuley**, A field nursery data management system for the type, level and stability of host resistance
- **Mati Koppel**, Changes in late blight infection and developments between 1922 – 2021
- **Georg Foster**, Outcome of first decade of organic potato breeding for late blight resistance in a participatory background in Southern Germany
- **Iris Visscher**, Late blight control in resistant starch potato varieties
- **Ramesh Vetukuri**, Spray induced gene silencing to control late blight disease

Collaboration between networks



- Highlighting existing datasets still to be uploaded
- Publication on EuroBlight 2013-2021
- Regional datasets
 - North Africa
 - Ethiopia & East & South Africa
 - AsiaBlight – to collate and publish – Philip Kear and Louise Cooke
 - Tizon Latino – Yvette Acuna and Florencia Lucca
- Data ownership – presented more clearly on EuroBlight data outputs.
Clarification that data owned by submitter

2022 Monitoring



- Discussion & interest on tomato (S Europe) - Belchim
- Home garden monitoring
- Focusing on regions with known/suspected reduced sensitivity – capturing sub-clonal variation and how it relates to phenotypic variation
- Reference labs in each region – Hutton, IHAR and INRAE
- Alignment of metadata format – barcoding.
- Reference centre for live isolates – Wageningen Research
- Technical group on phenotyping – pragmatism needed as labour intensive

New Initiatives F2F



- Comparing approaches in Africa & Indonesia (3 gene stack) to European release of single R gene cultivars (potential evolutionary stepping stones)
- New funding opportunities – BMGF – tomato?