EUROBLIGHT:
Alternaria subgroup

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objective:

• *increase* the knowledge about early blight
Early blight research in EUROBLIGHT

• 36 persons
• 26 institutes
• 12 countries
eb network in EUROBLIGHT

- USA
- China
- Israel
Research focus

field experiments and greenhouse trials

cultivar resistance

isolate studies
micro-satellites
pathogen detection / diagnostic
taxonomy & identification
PCR

fungicide resistance
fungicide control (evaluating new products)
biological control
development in relation to weather / model / DSS
distribution
field sampling
Alternaria: research projects

- field trials & greenhouse experiments: all
- causal agents: all
- distribution: PL, RUS, SE, UK
- weather conditions / model / DSS DE, NL, UK, BE
Alternaria: research projects

- Host resistance:
  DE, NL, SE, UK, BE, FR, RUS, PL, China

- Fungicide sensitivity:
  UK, SE, DE, NL, PL, RUS, BE, US

- Population studies:
  NL, DE, SE
Outlook: subgroup meeting
Outlook: subgroup meeting

- methods
Outlook: subgroup meeting

- methods:
  - isolation
  - species identification
  - genetic studies
  - fungicide resistance
Outlook: subgroup meeting

- methods
- fungicide rating of eb products
Outlook: subgroup meeting

- fungicide rating
  - protocol
  - rating
Outlook: subgroup meeting

- methods
- fungicide rating of eb products
- database (host resistance, publication,..)
Outlook: subgroup meeting

- methods
- fungicide rating of eb products
- database
- IPM
- ......

- (Eb management under the aspect of fungicide resistance)
- (inoculum source)
Outlook: subgroup meeting

- concerted action
- communication
- internet/homepage
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- Concerted action: send infected plant material to one institute (causal agent?) detail have to be discussed
- Field trial (Management or fungicide rating)
Discussion

• Sampling
• Database methods
• Database/Mapping of Alternaria species
• Database host resistance
• Database publication
• Map of eb in Europe (eb problem→ Jens)
• Homepage
• Host-parasite interaction (Toxine, penetration, ..)
• FTA-card (?)
Discussion

- Include other partners
- Update of E-mail and research projects
- Additional meeting
- finance