

# Delivering practical implementation and solutions for integrated weed management in Europe (IWMPRAISE)

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IWMPRAISE

EU grant agreement No.727321



# Background information

- IWMPRAISE: 2017-2022, i.e. only one year into the project
- Chemical pest control is under increasing scrutiny
- Despite the fact that herbicides are used routinely and are the main cause of contamination of surface and ground waters with pesticides integrated weed management has received little attention



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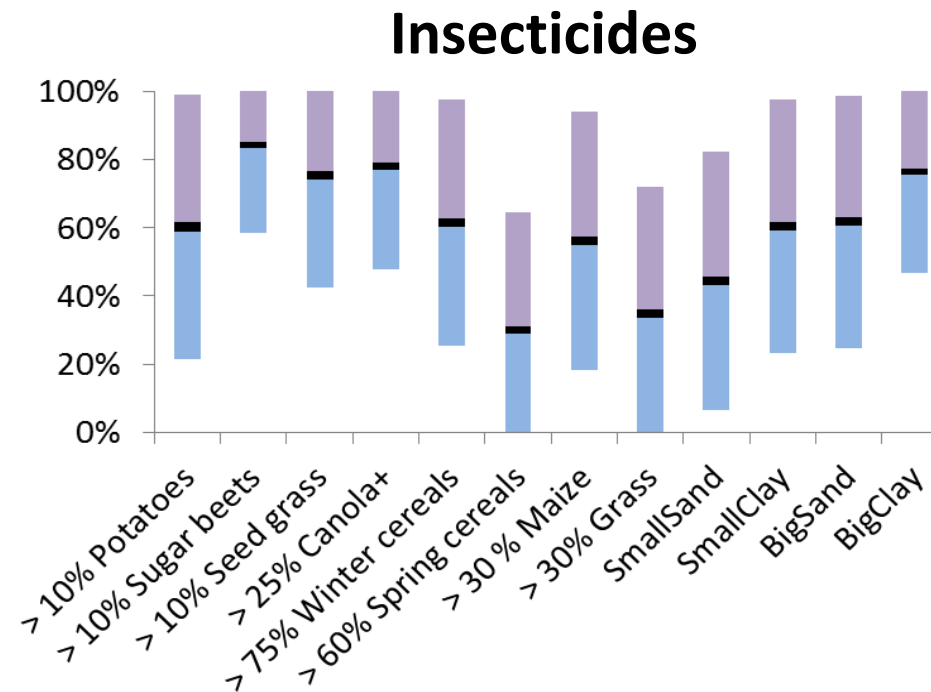
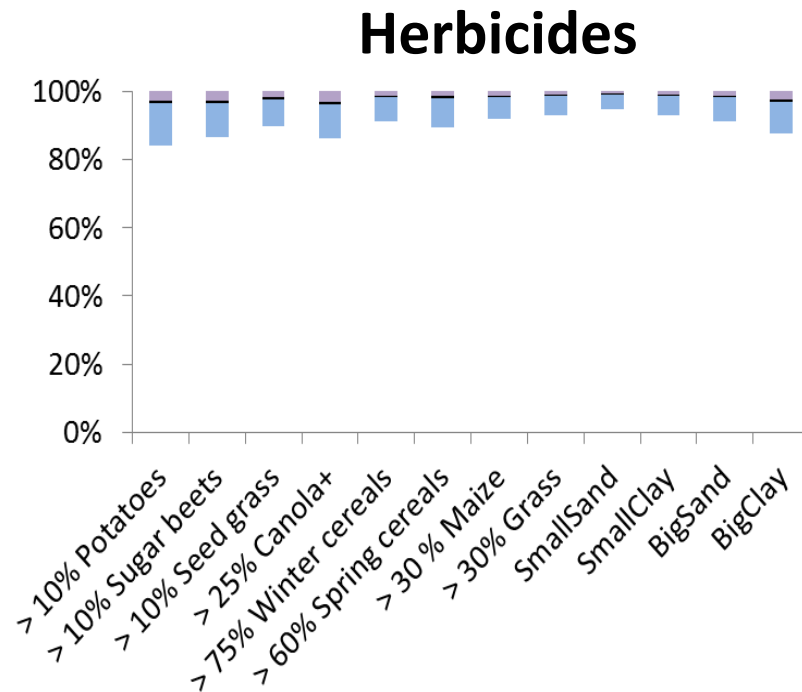
AgriResearch conference: *Innovating for the future of farming and rural communities*

Brussels , 2-3 May 2018

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## Probability of spraying in winter wheat (data from Denmark)



Source: JE Ørum, Copenhagen University



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- IWMPRAISE is the first EU research and innovation project solely addressing weed management



# Key features of IWMPRAISE

- National clusters to accommodate a truly multi-actor approach, overcome language barriers and ensure locally adapted solutions
- Addressing the current socio-economic barriers to the uptake of integrated weed management
- Categorical approach – four management scenarios



- North-South gradient – to cover the diverse European cropping systems



# Expected key outputs of IWMPRAISE

- Support the implementation of innovative and environmentally and economically sustainable integrated weed management practices (addresses 2.2.1.2 and partly 2.2.1.1 and 2.2.1.3 in the Strategy to EU agricultural research and innovation)
  - Reducing the reliance (and use) of herbicides
  - Alleviating the problems associated with herbicide resistance
  - Promoting diversity in terms of crops and weed control methods
  - Spill over effects to organic agricultural systems
  - Sustaining biodiversity and ecosystem providers
  - Addressing the trade-off between soil tillage, weed flora and soil fertility

