

# What IWM strategies / tactics are UK arable farmers employing for weed control

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IWMPRAISE

#### Overview

The objective was to develop an understanding of the following by conducting interviews with UK arable farmers:

- what are the problem weeds
- strategies / tactics being employed
- drivers for decision making
- barriers to uptake of IWM
- where knowledge is gained / trusted



- The same protocol / questions was used across all participating countries and cropping systems
- 4 sections:
  - 1. Farmer / farm details (size, ownership, problem weeds)
  - 2. What they do on there farm to control the weeds they have
  - 3. Factors that affect the decision making process
  - 4. Where they access information to make weed control choices
- Tried to avoid leading questions as much as possible
- Interviews recorded and then transcribed



#### What are the main weed issues?



#### What farmers are doing for weed control?









buckleys: 2016 Crop: Winter wheat



buckleys: 2018 Crop: Winter wheat



buckleys: 2019 Crop: Winter wheat

















big.boxhedge: 2014 Crop: Winter wheat



big.boxhedge: 2017 Crop: Winter wheat



big.boxhedge: 2020 Crop: Winter wheat



big.boxhedge: 2015 Crop: Spring barley



big.boxhedge: 2018 Crop: Winter barley



Absent Low Medium High Vhigh Not surveyed









mushroom.field: 2015 Crop: Spring barley





Absent

mushroom.field: 2020 Crop: Spring barley



## Diversity / flexibility is key to sustainable weed control

# Rotations / cropping

#### **Drilling dates**

### Cultivations

Herbicides

Monitoring



#### What factors affect farmers decision making





#### Information sources for farmers



- Diversity & flexibility key to IWM
- Monitor success of tactics employed
- Will IWM changes affect profitability
- Use sources / places of information that you trust

