

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

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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





Interview protocol

 The same protocol / questions was used across all participating countries and cropping systems

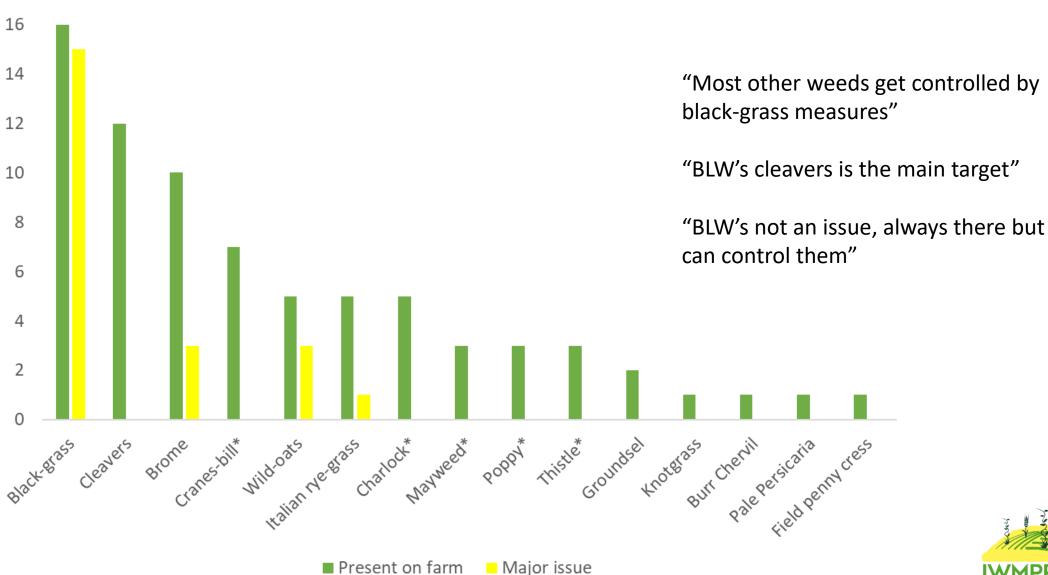
• 4 sections:

- 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





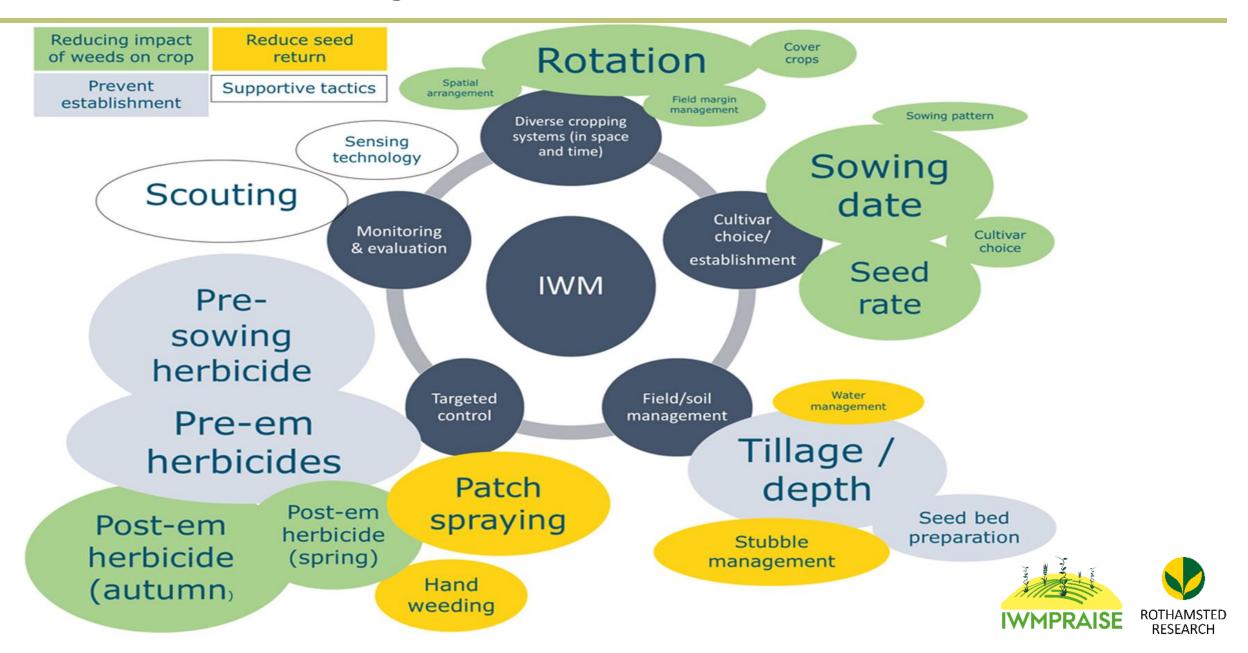
What are the main weed issues?







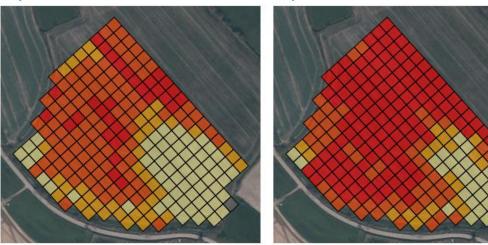
What farmers are doing for weed control?





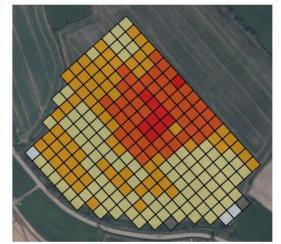


buckleys: 2016 Crop: Winter wheat



buckleys: 2018 Crop: Winter wheat

buckleys: 2019 Crop: Winter wheat









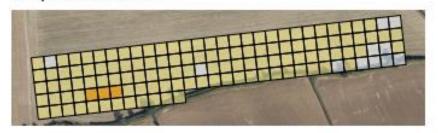






moulsoe.cross: 2015

Crop: Winter wheat



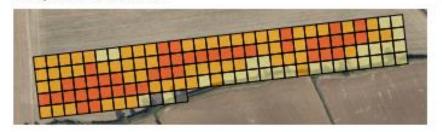
moulsoe.cross: 2016

Crop: Winter wheat



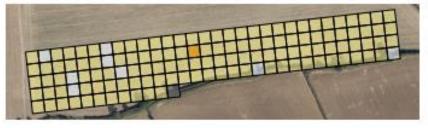
moulsoe.cross: 2018

Crop: Winter wheat



moulsoe.cross: 2019

Crop: Winter wheat



Absent

Low

Medium

High

Vhigh

Not surveyed

big.boxhedge: 2014 Crop: Winter wheat big.boxhedge: 2015 Crop: Spring barley mushroom.field: 2014 mushroom.field: 2015 Crop: Spring barley Crop: Winter wheat big.boxhedge: 2017 big.boxhedge: 2018 Crop: Winter wheat Crop: Winter barley Absent Low mushroom.field: 2017 mushroom.field: 2020 Medium Crop: Winter wheat Crop: Spring barley High Not surveyed big.boxhedge: 2020 Crop: Winter wheat

Absent Low Medium

High

Vhigh

Not surveyed

Diversity / flexibility is key to sustainable weed control

Rotations / cropping

Drilling dates

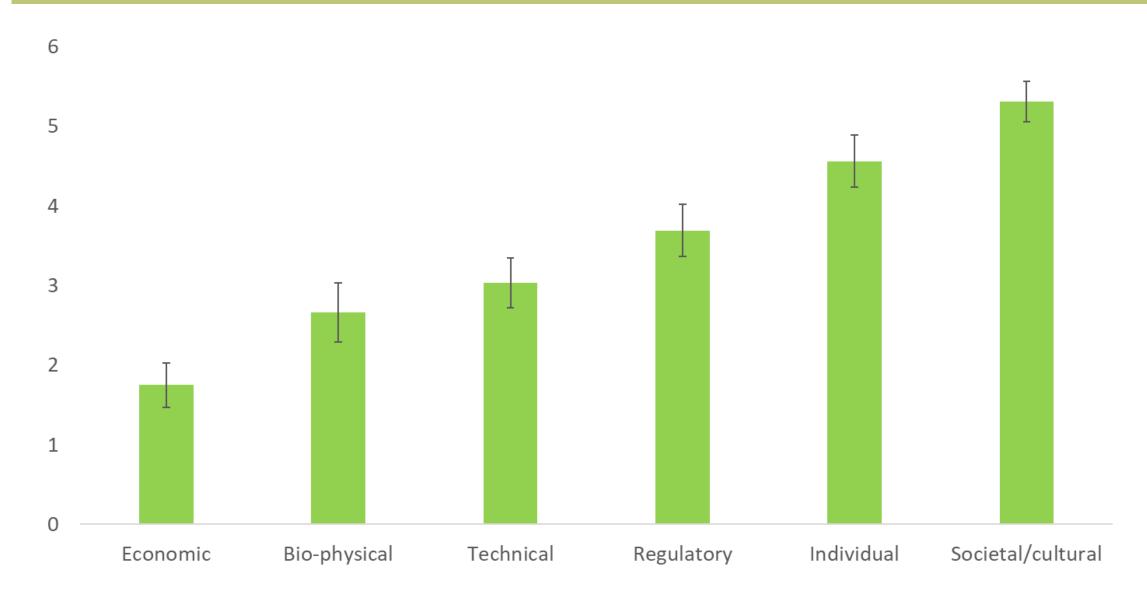
Cultivations

Herbicides

Monitoring

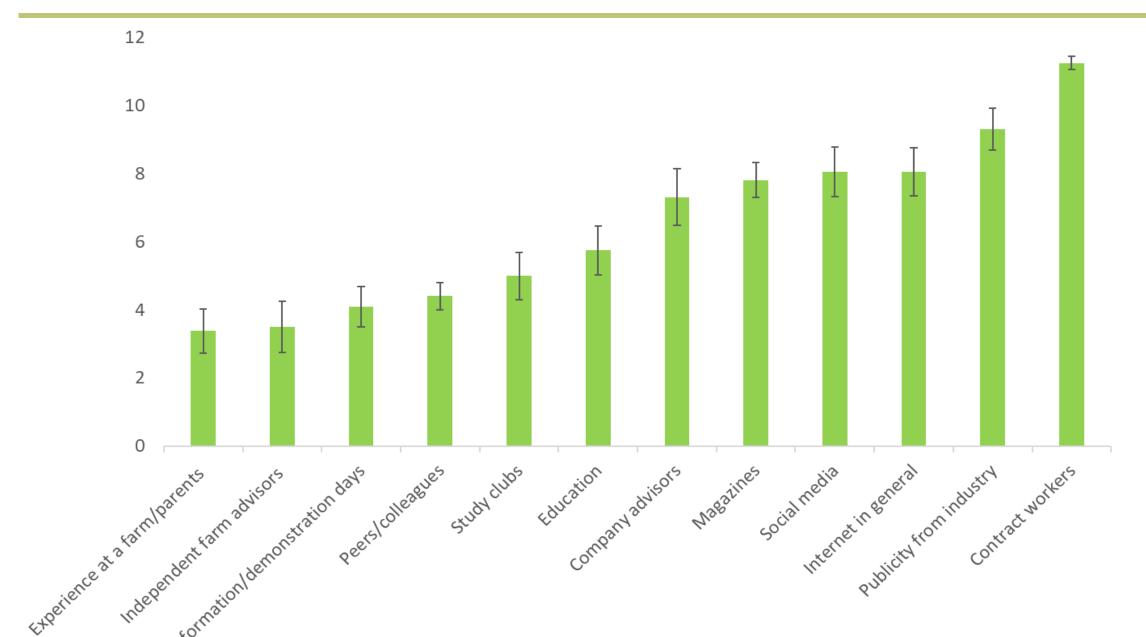


What factors affect farmers decision making





Information sources for farmers





Summary

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

