



THIS PROJECT HAS RECEIVED FUNDING FROM
THE **EUROPEAN UNION' HORIZON 2020 RESEARCH
AND INNOVATION PROGRAMME**
UNDER GRANT AGREEMENT N. 101000339



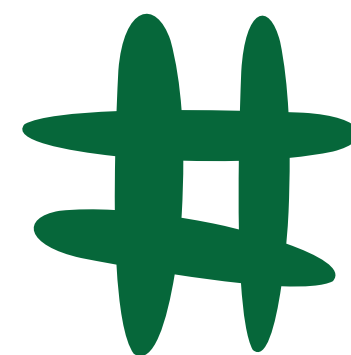
ARABLE FIELDS

Survey #3: Progress in IPM adoption



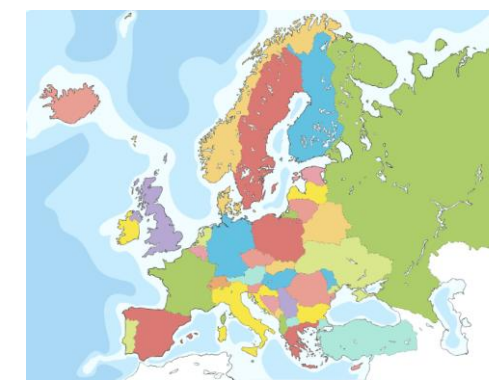
TOPICS OF SURVEY #3:

- **FARMING CONTEXT**
- **FARMERS' AWARENESS ON IPM**
- **CULTURAL PRACTICES: FARM LEVEL**
- **CULTURAL PRACTICES: CROP LEVEL**
- **SELF-EVALUATION: PERCEPTION OF CHANGES**



**NUMBER OF
FARMS**

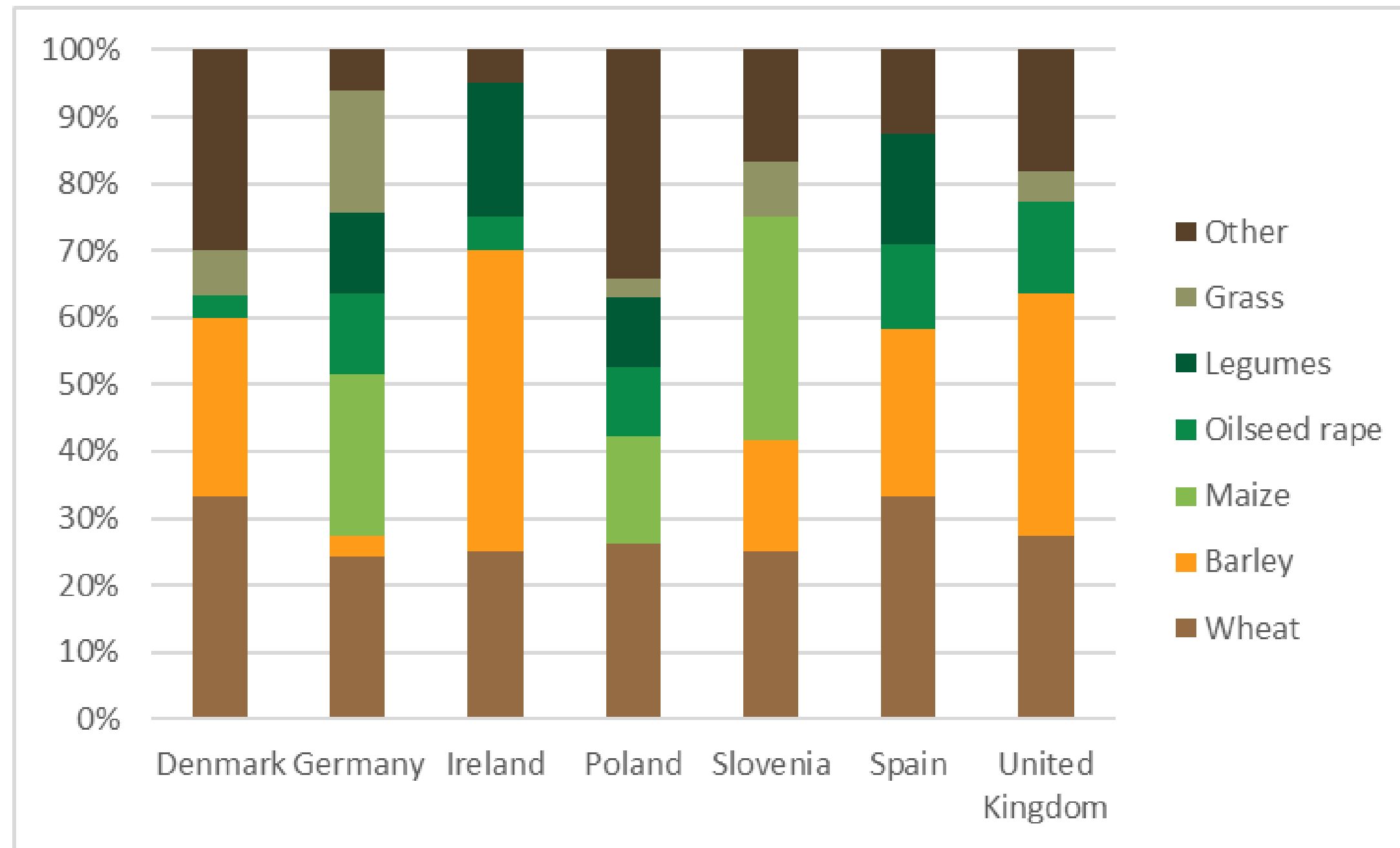
70



PARTICIPANT COUNTRIES

**DENMARK, GERMANY,
IRELAND, POLAND,
SLOVENIA, SPAIN,
UNITED KINGDOM**

Main arable crops in participating countries



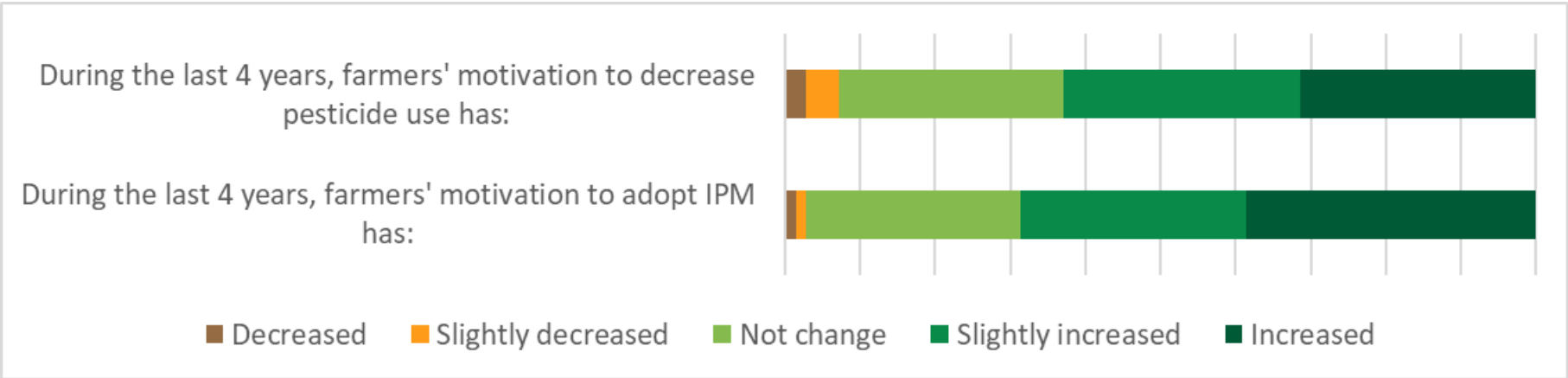
The network covers a wide range of crops.

Farmers' awareness on IPM

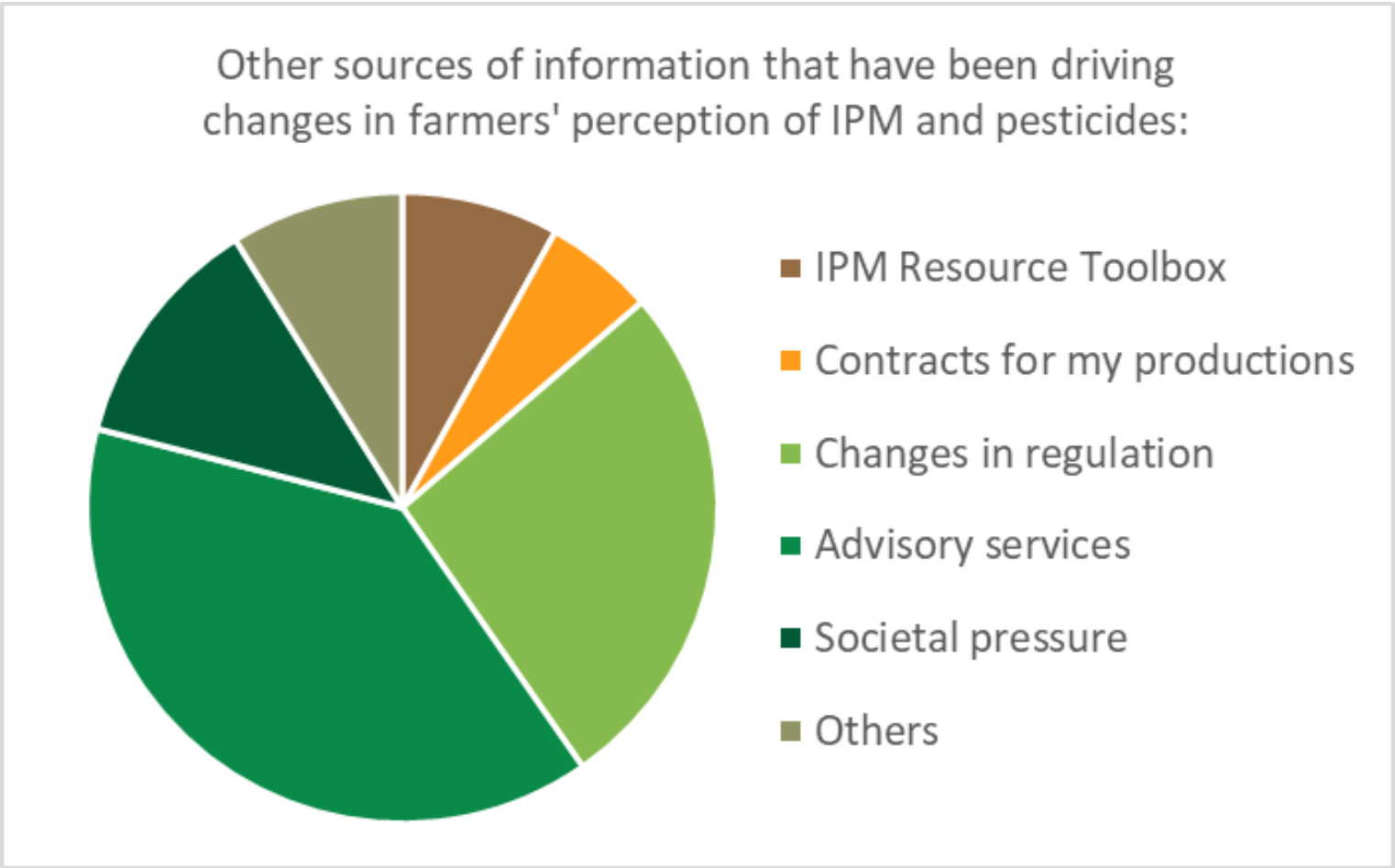
CHANGES IN MOTIVATION AND CAUSES OF CHANGES



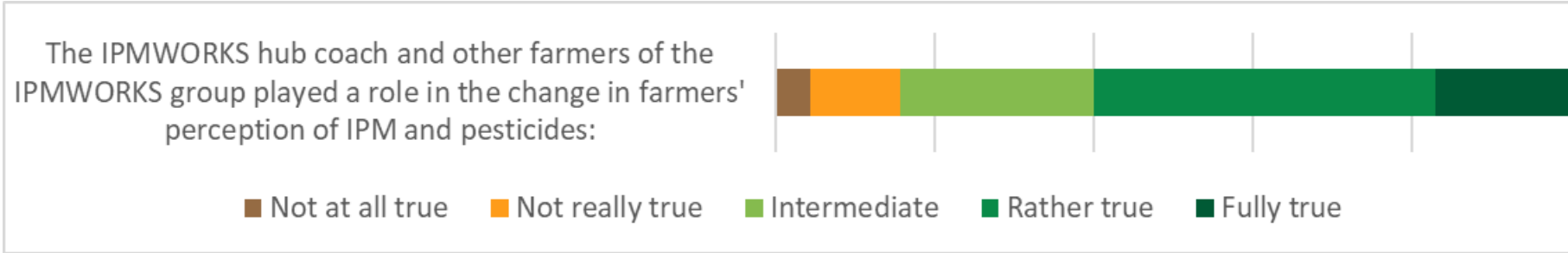
CHANGES IN MOTIVATION



CAUSES OF CHANGES IN PERCEPTION



CONTRIBUTION FROM HUB COACHES AND OTHER FARMS



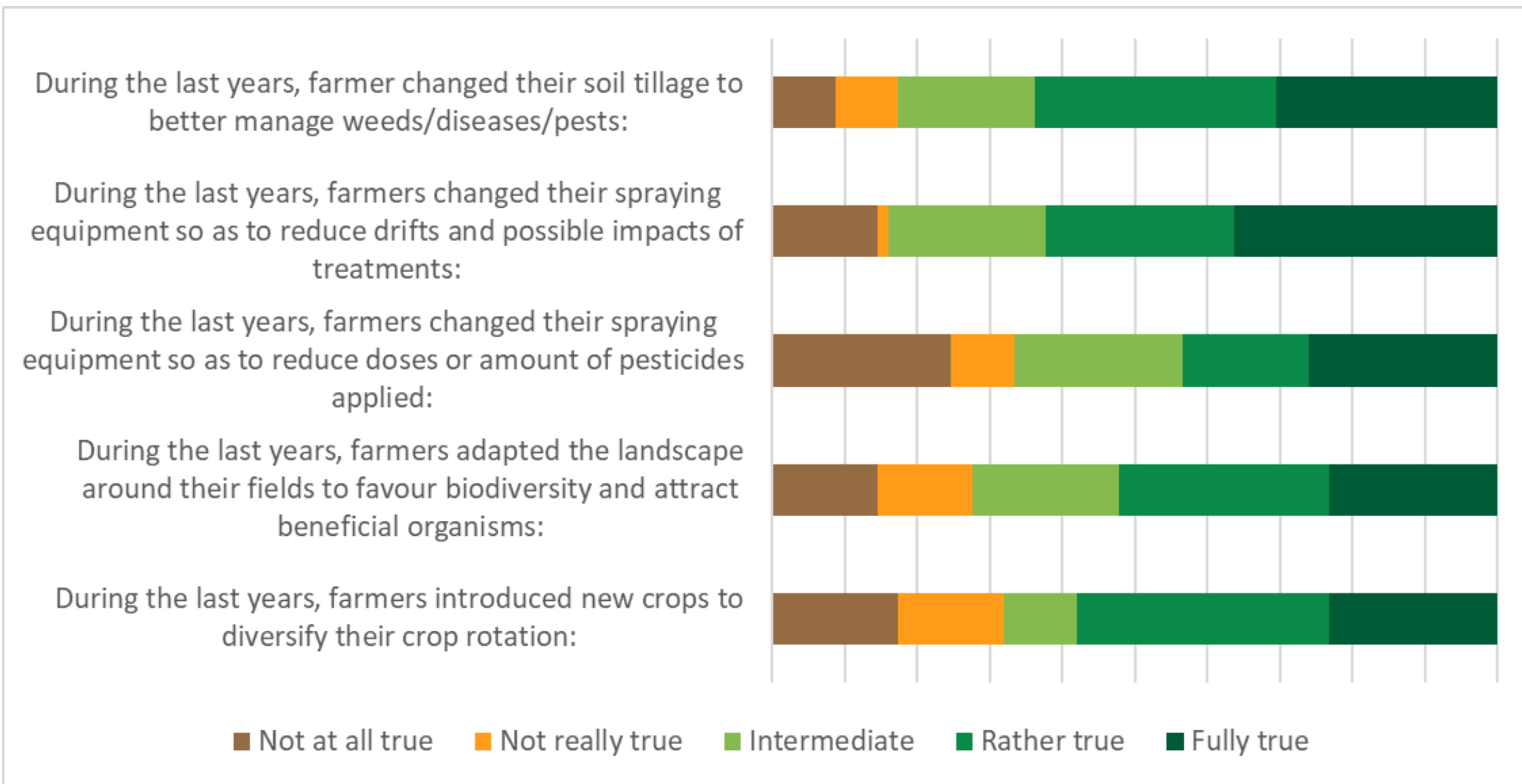
Farmer's motivation increase to reduce pesticide use and adopt IPM.

Interest of hub coach and other farms in changing the farmers' perception of IPM and pesticide use.

Importance of changes in regulation and advisory services in changing the farmers' perception of IPM and pesticide use.

Cultural practices: farm level

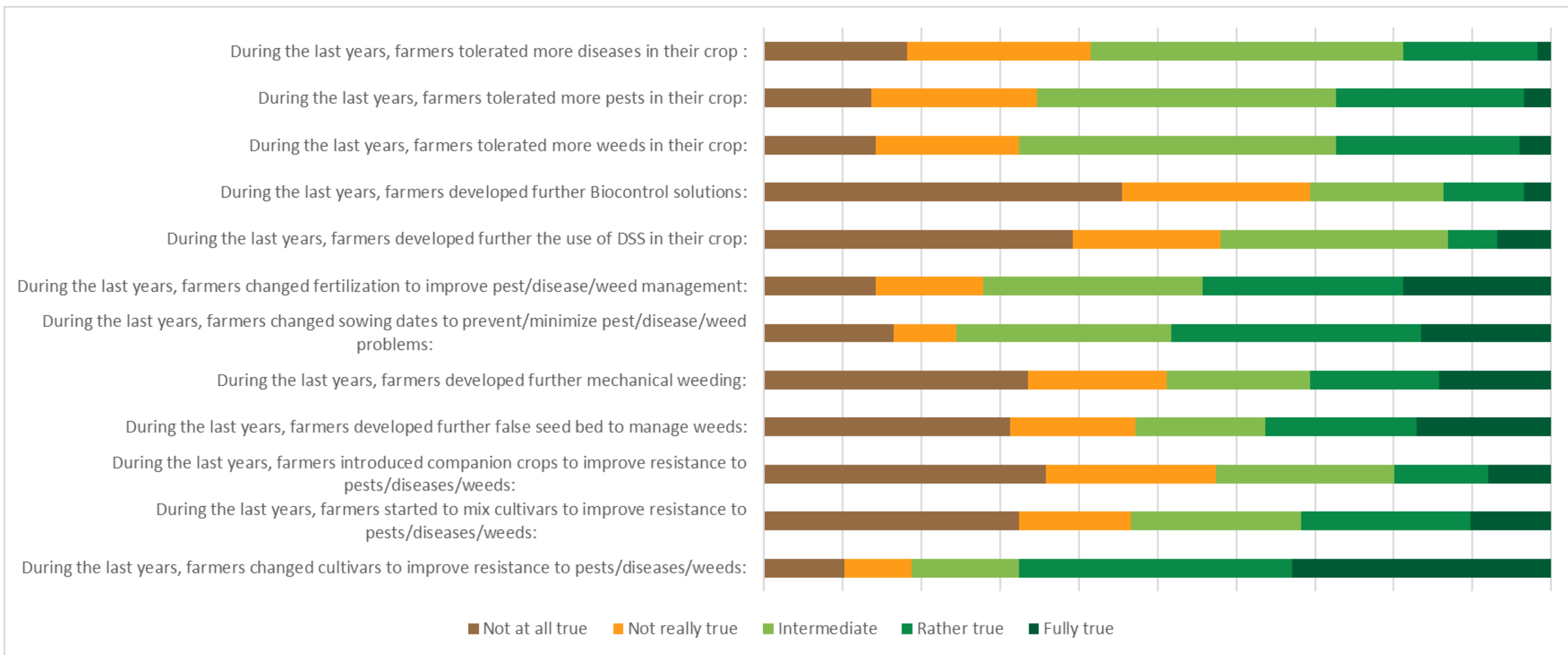
CHANGES IN CULTURAL PRACTICES AT THE FARM LEVEL



Half of farmers change their cultural practices at the farm level to adopt integrated pest management.

Cultural practices: crop level

CHANGES IN CULTURAL PRACTICES AT THE CROP LEVEL

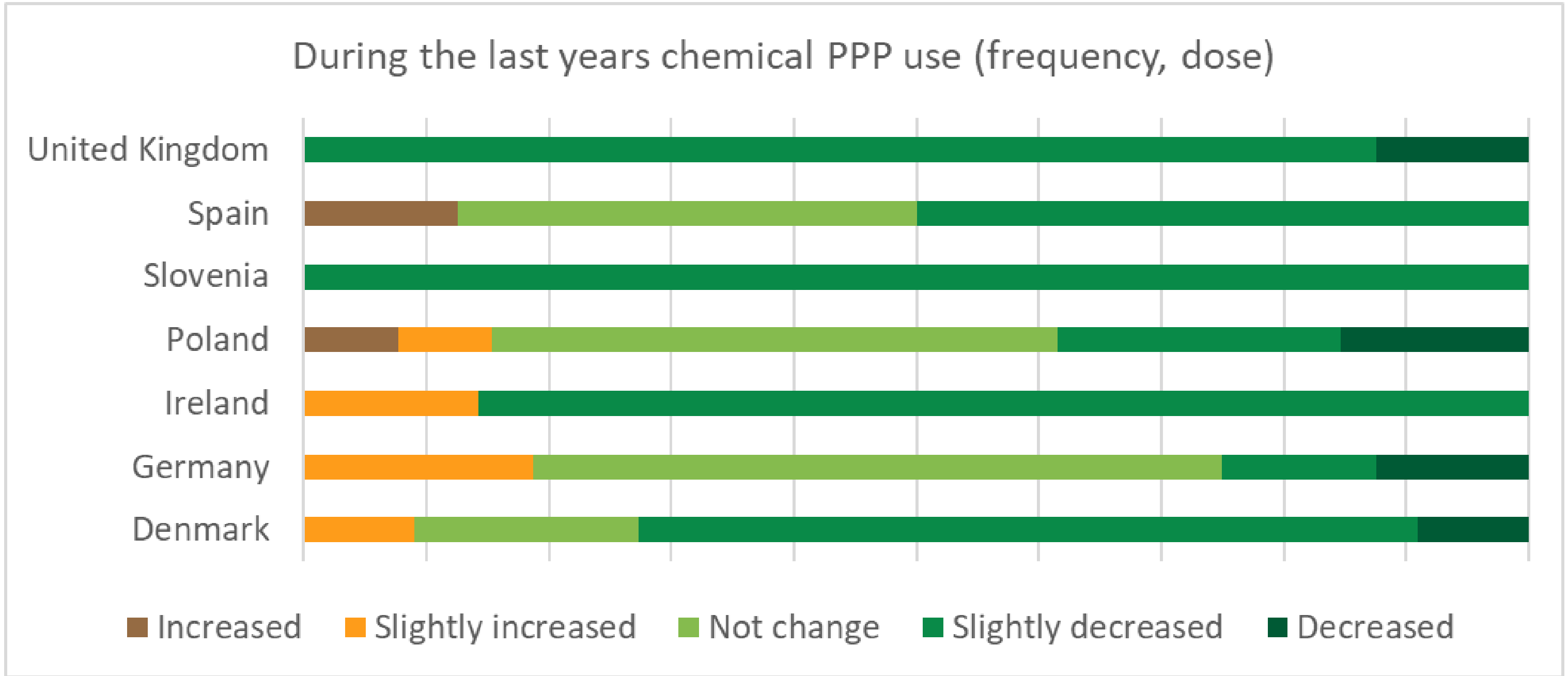


More changes in fertilisation and sowing dates, and changes in cultivars.

No further use of biocontrol solution, DSS, mechanical weeding, false seed bed, introduction of companion crops or mix cultivars.

Self-evaluation

PESTICIDE USE DEPENDING ON THE COUNTRY



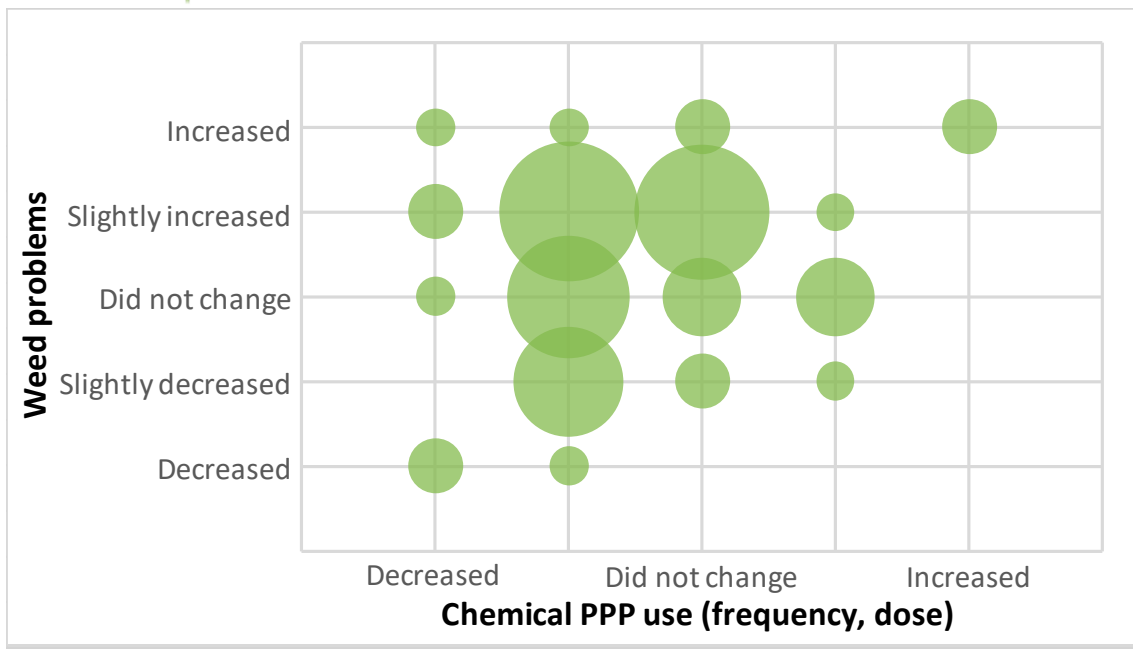
Less use of pesticides (herbicide, fungicide and insecticide) during the study, although there is some variation between countries.

Self-evaluation

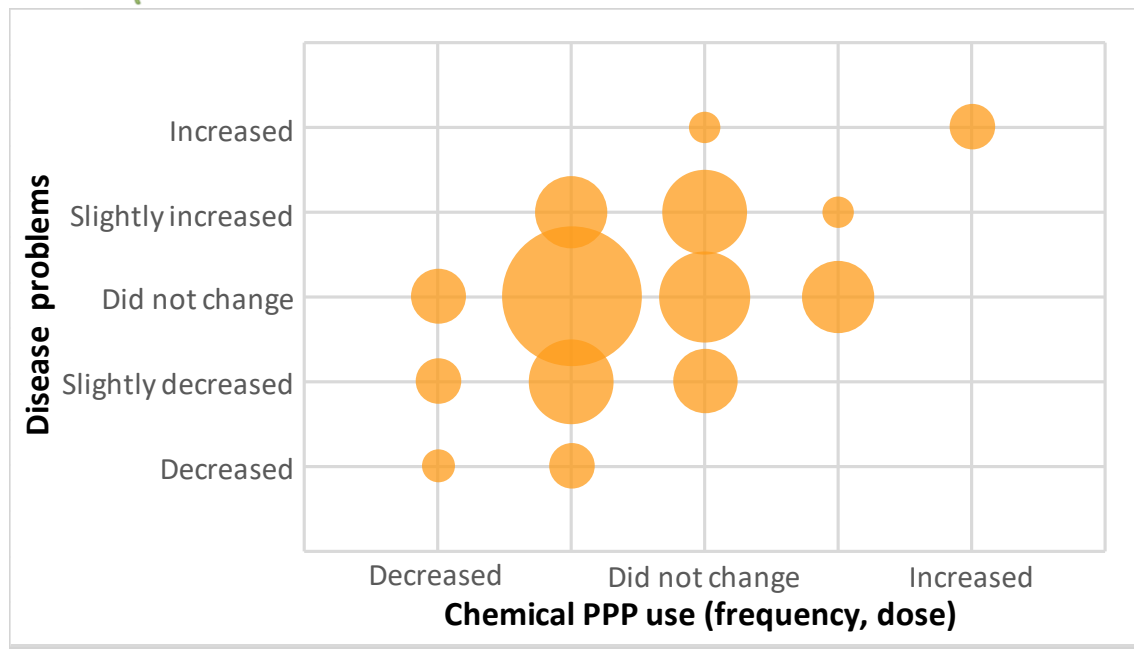
WEED, DISEASE AND PEST PROBLEMS COMPARED TO THE USE OF CHEMICAL PRODUCTS



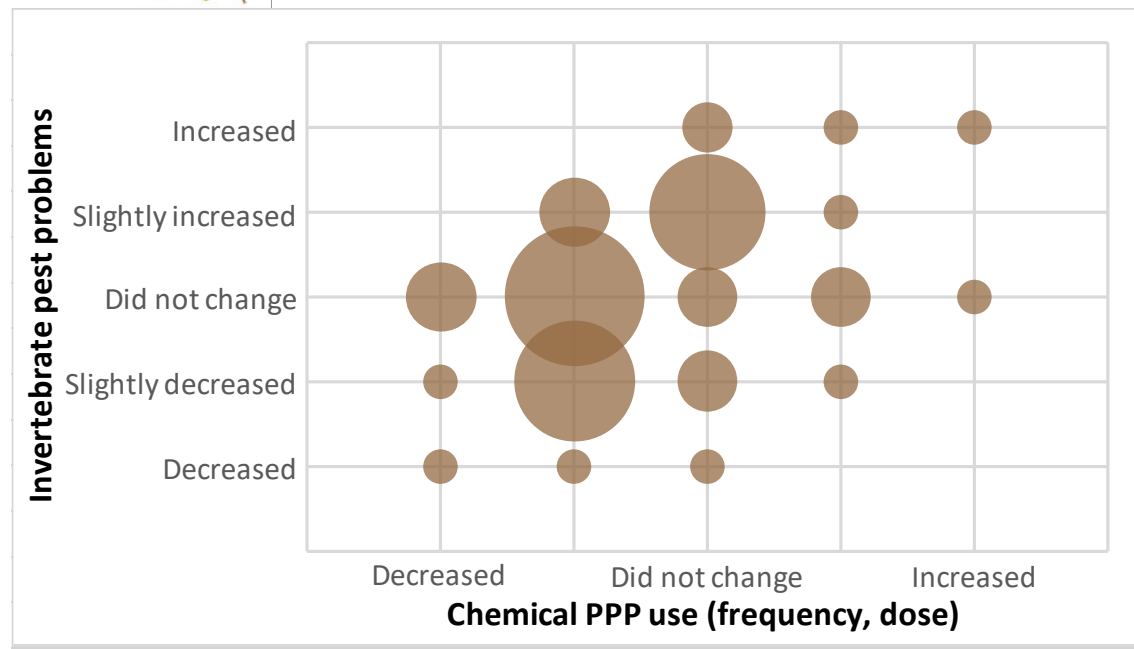
WEED PROBLEMS



DISEASE PROBLEMS



PEST PROBLEMS



No further weed problems when pesticide use is reduced.

No further disease problems when pesticide use is reduced.

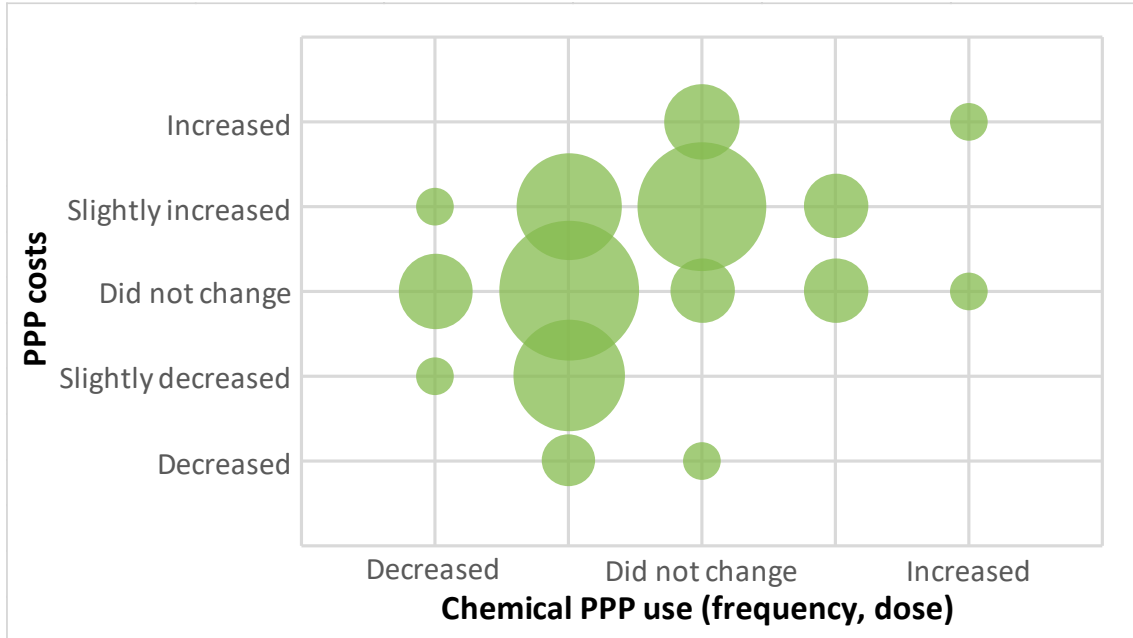
Slightly less pest problems when pesticide use is reduced.

Self-evaluation

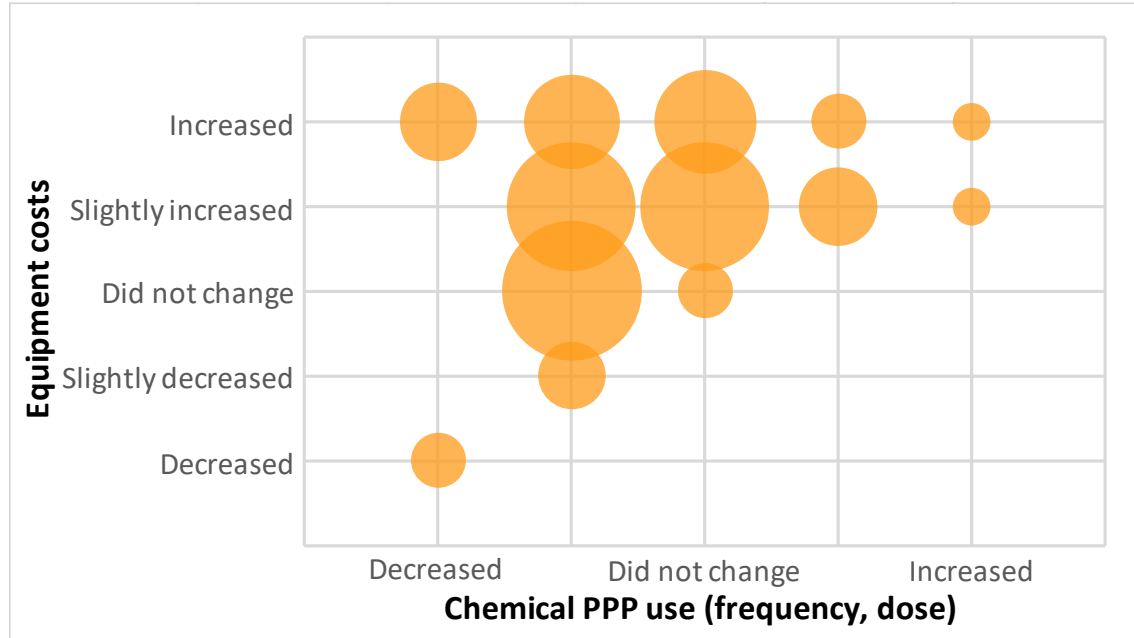
FARM COSTS COMPARED TO THE USE OF CHEMICAL PRODUCTS



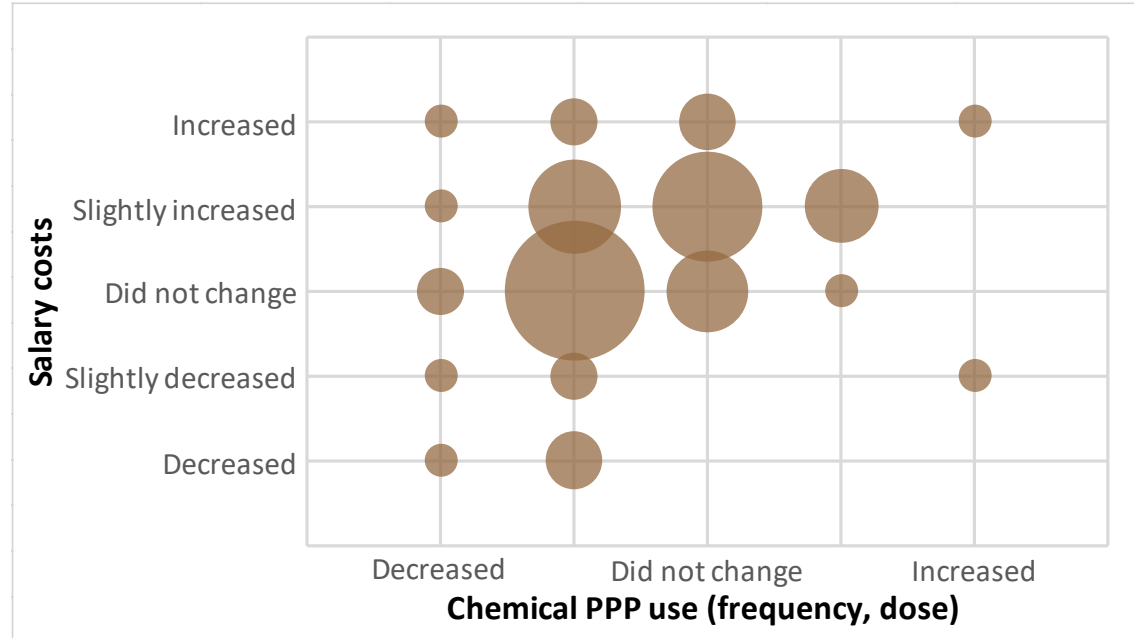
PPP COSTS



EQUIPMENT COSTS



SALARY COSTS



Slightly less PPP costs when pesticide use is reduced.

Tendency for equipment costs to rise, whatever the level of pesticide use.

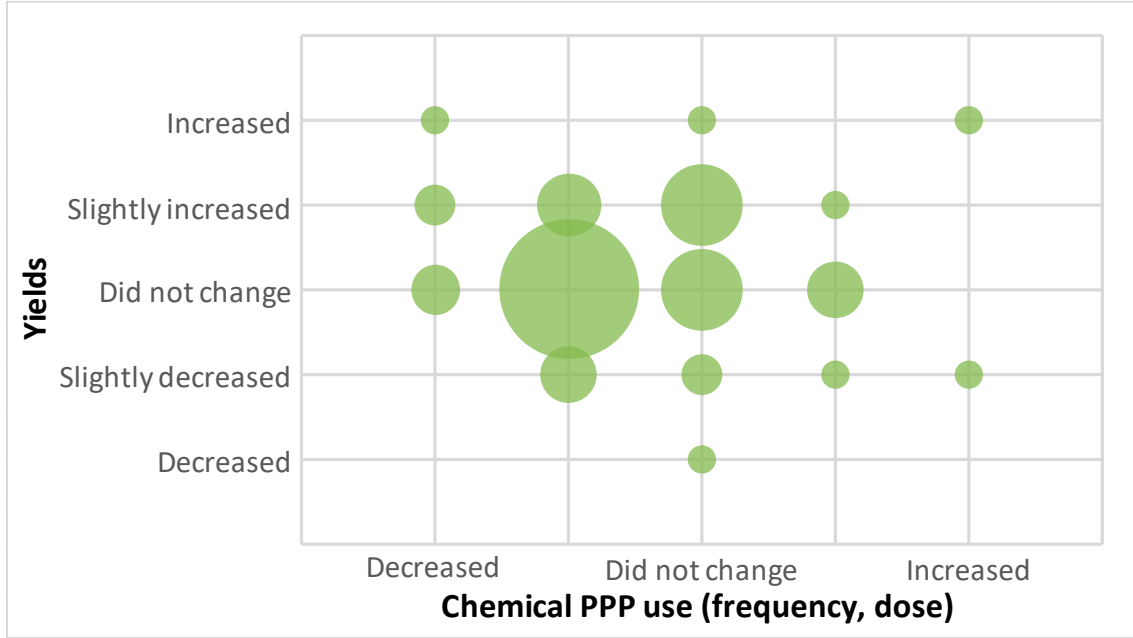
No change in salary costs when pesticide use is reduced.

Self-evaluation

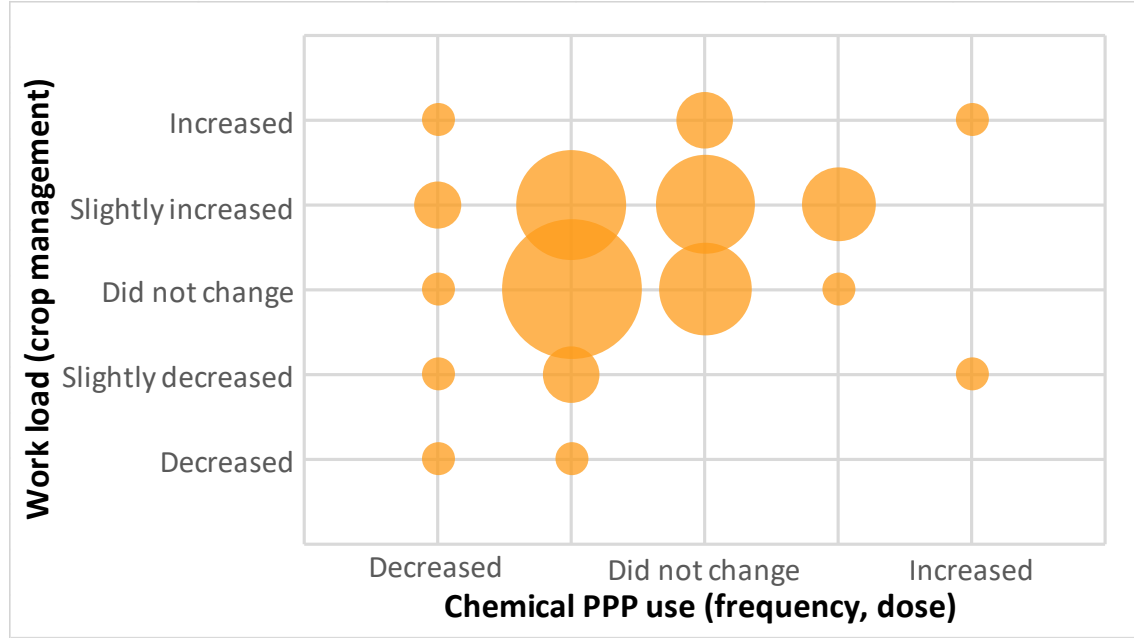
YIELDS, WORKLOAD AND PROFITABILITY COMPARED TO THE USE OF CHEMICAL PRODUCTS



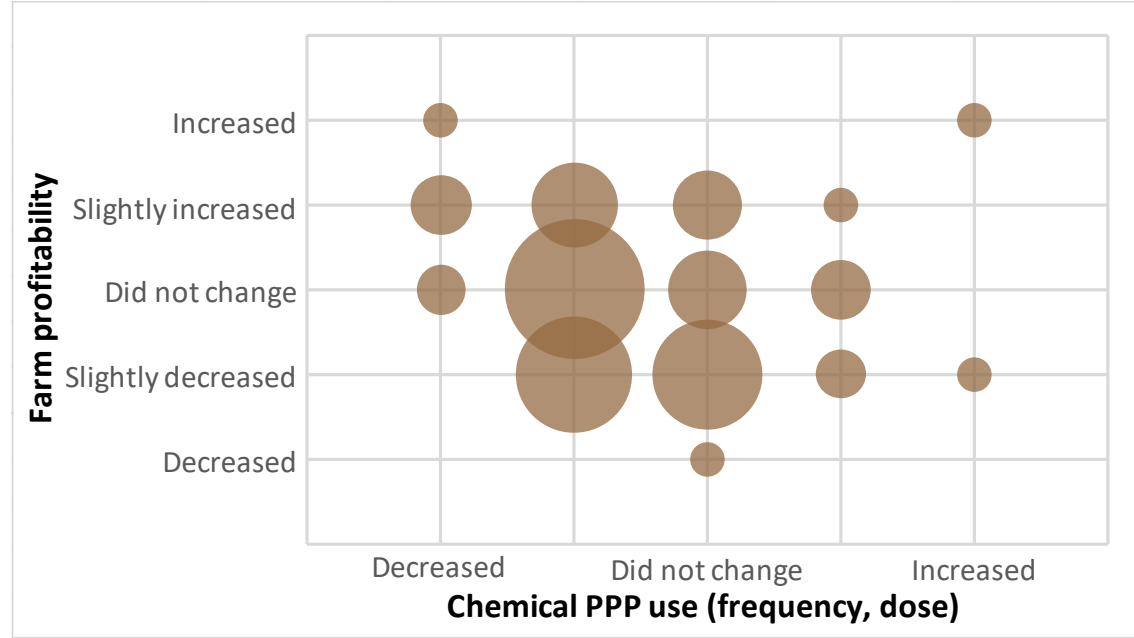
YIELDS



WORKLOAD



PROFITABILITY



No change in yields when pesticide use is reduced.

No change in work load when pesticide use is reduced.

No change in profitability when pesticide use is reduced.



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