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

IPM works

GREENHOUSES

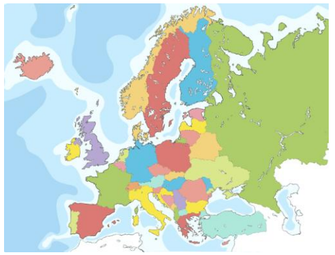
Survey #3: Progress in IPM adoption

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

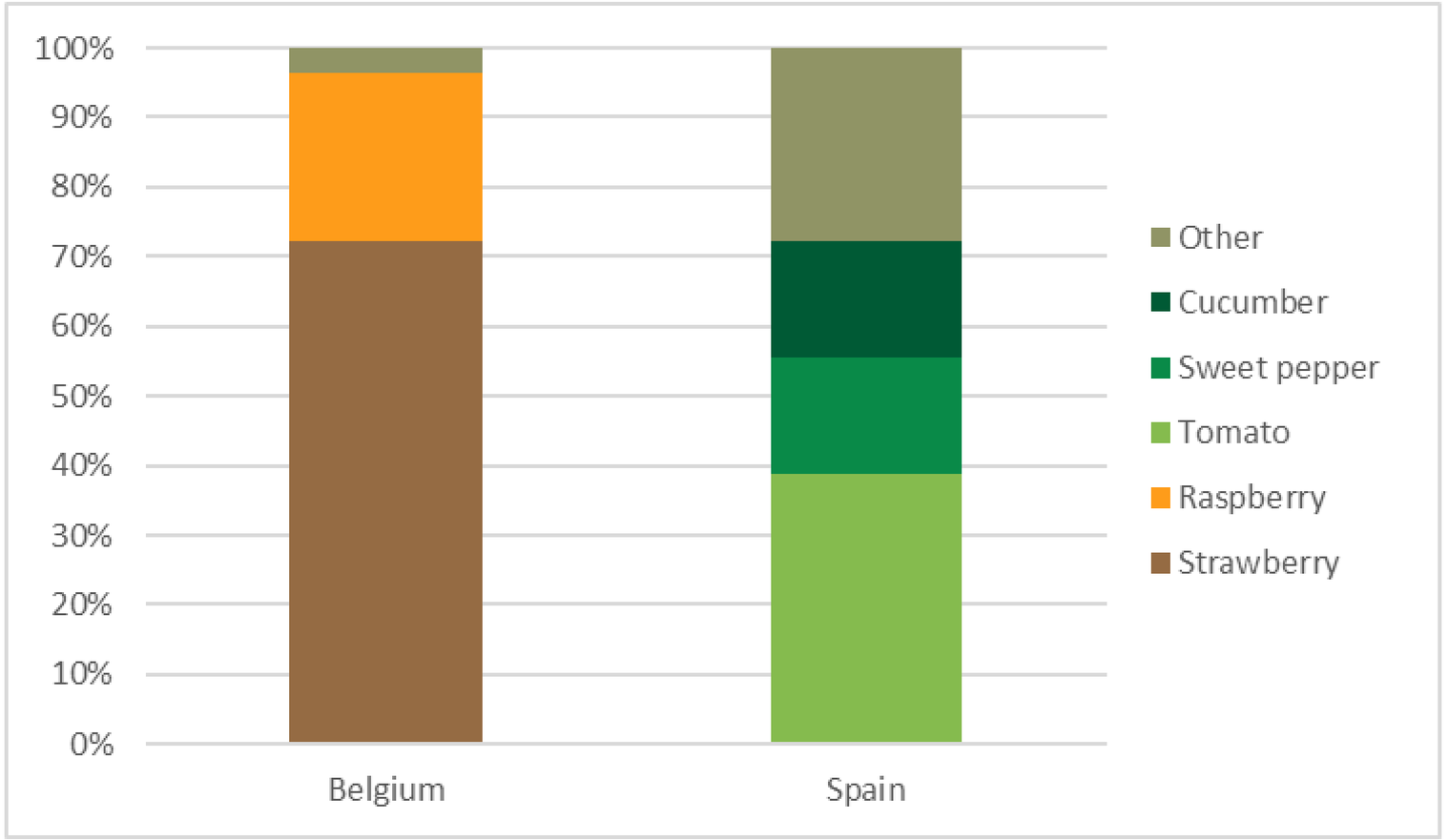
21



PARTICIPANT COUNTRIES

BELGIUM, SPAIN

Main crops in participating countries

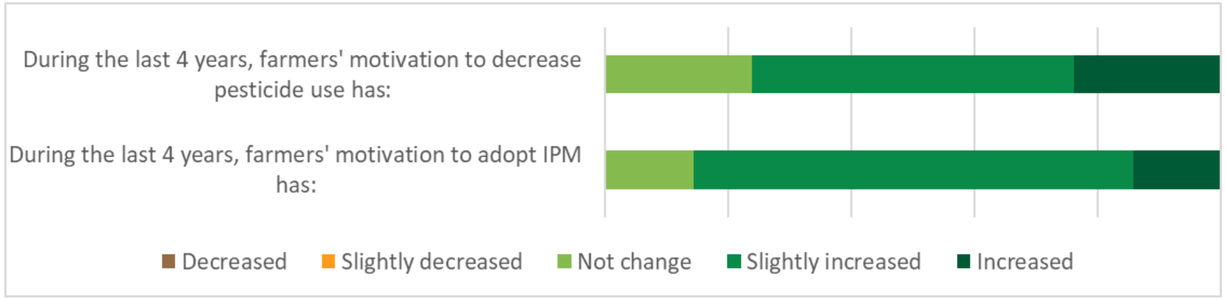


The network covers a wide range of crops, but Spain is more diversified than Belgium.

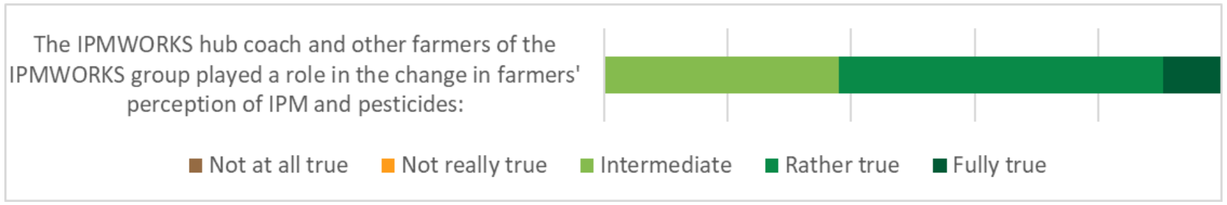
Farmers' awareness on IPM

CHANGES IN MOTIVATION AND CAUSES OF CHANGES

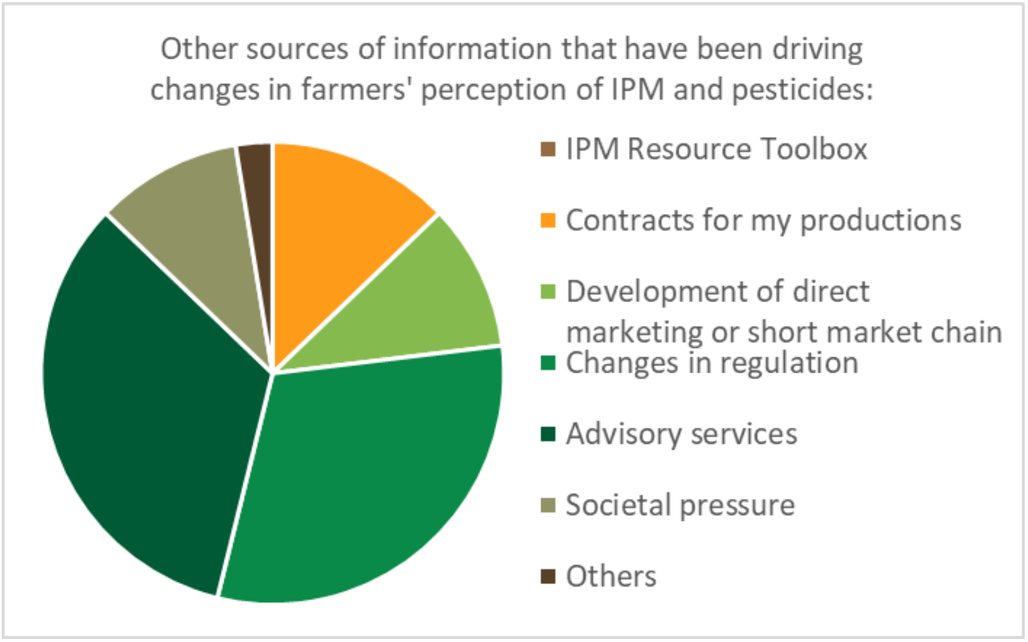
CHANGES IN MOTIVATION



CONTRIBUTION FROM HUB COACHES AND OTHER FARMS



CAUSES OF CHANGES IN PERCEPTION



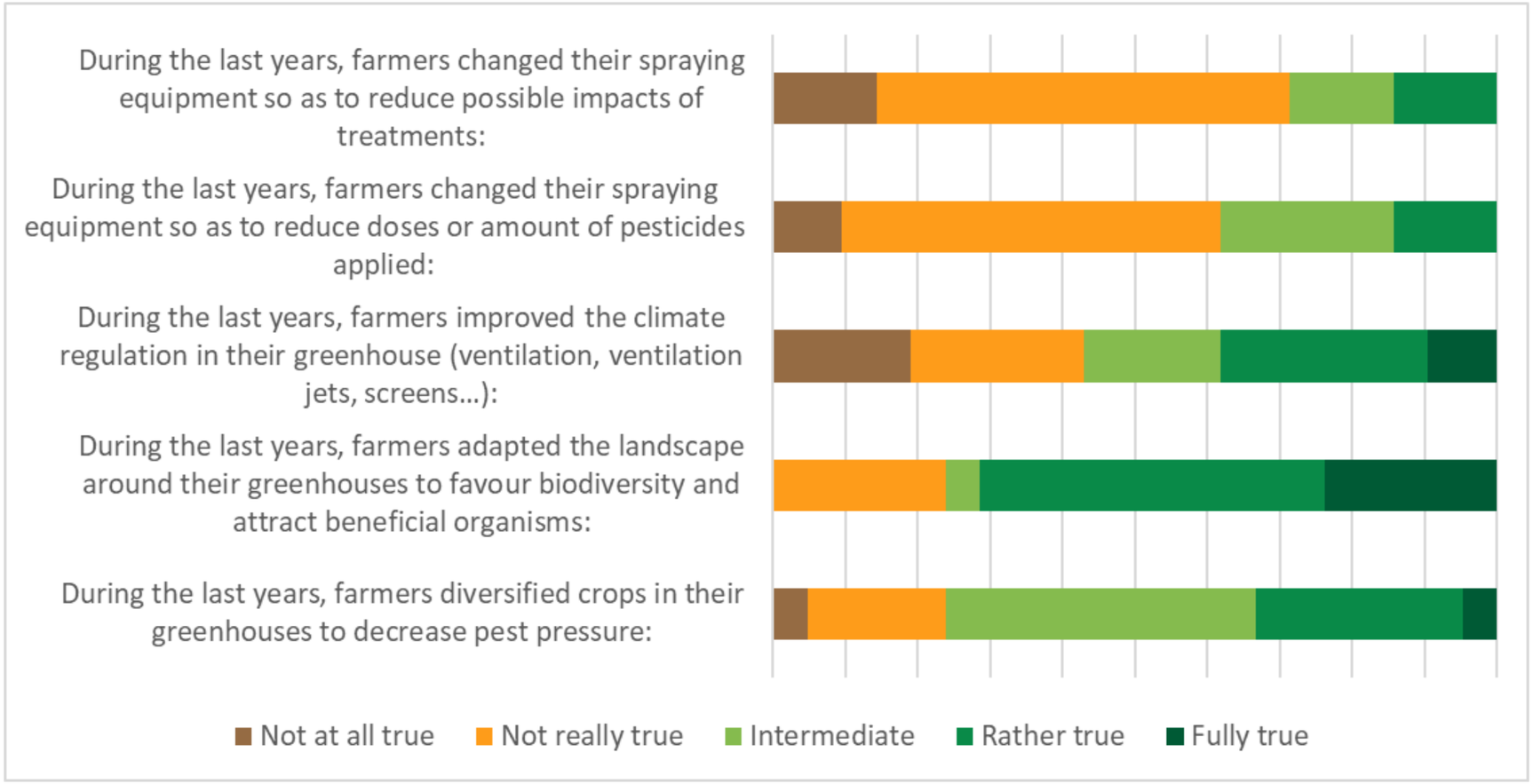
Farmer's motivation increase to reduce pesticide use and adopt IPM.

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



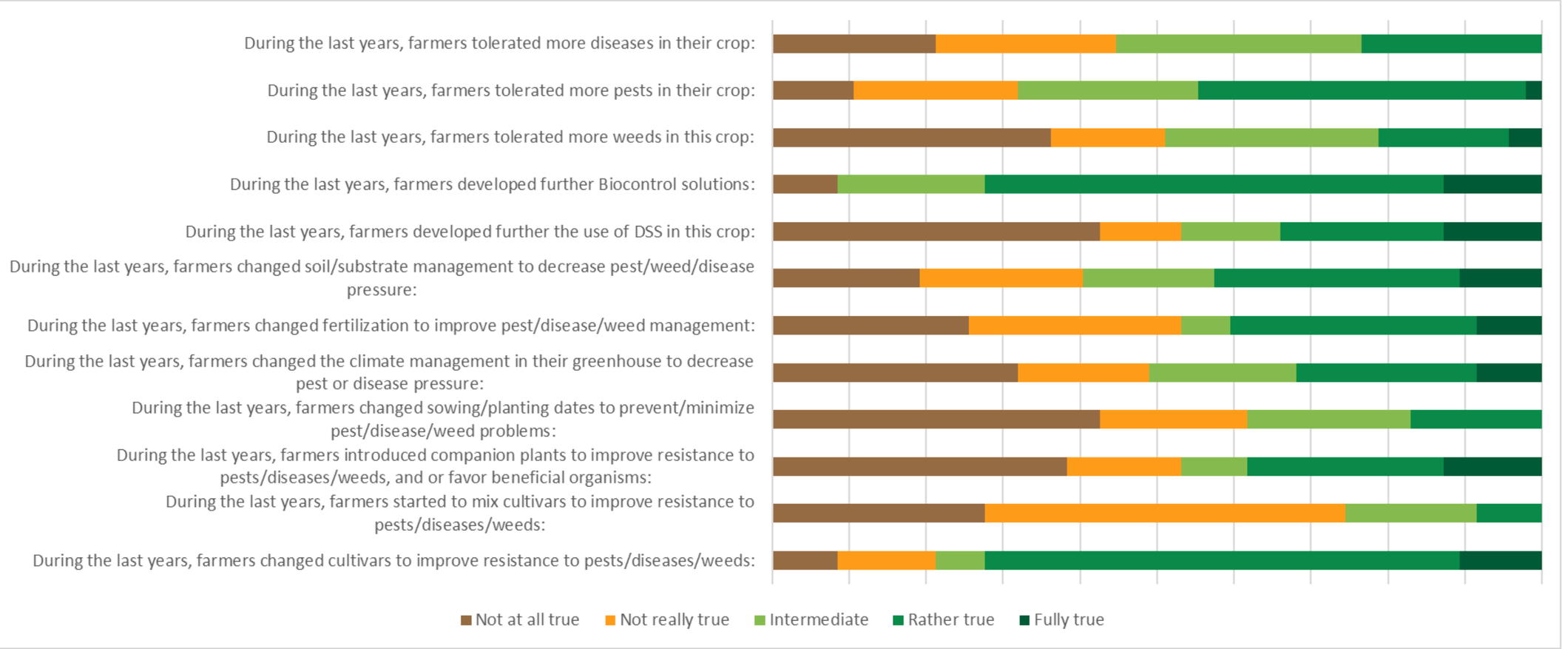
Farmers adapted the landscape around their greenhouse to favour biodiversity.

Half of farmers diversified crops and improved the climate regulation in their greenhouse.

No further changes of spraying equipment.

Cultural practices: crop level

CHANGES IN CULTURAL PRACTICES AT THE CROP LEVEL

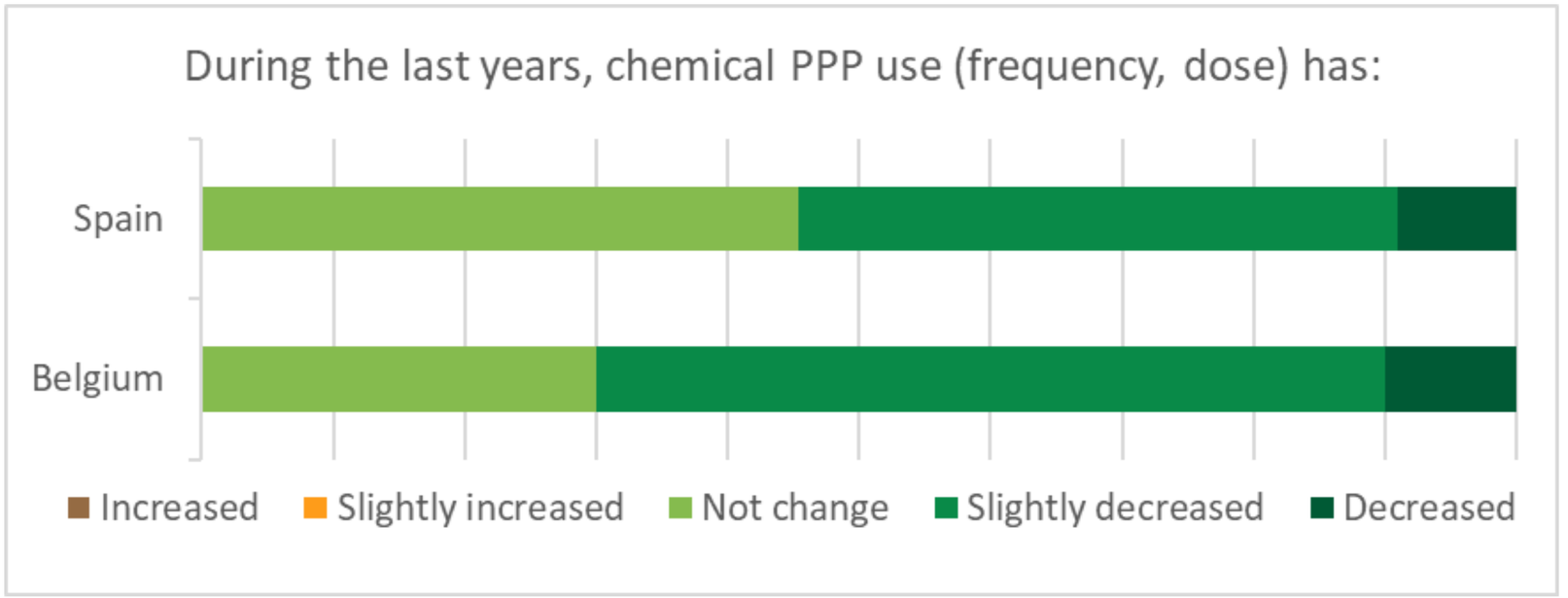


More biocontrol solutions and changing cultivars to improve resistance.

No introduction of mix cultivars.

Self-evaluation

PESTICIDE USE DEPENDING ON THE COUNTRY

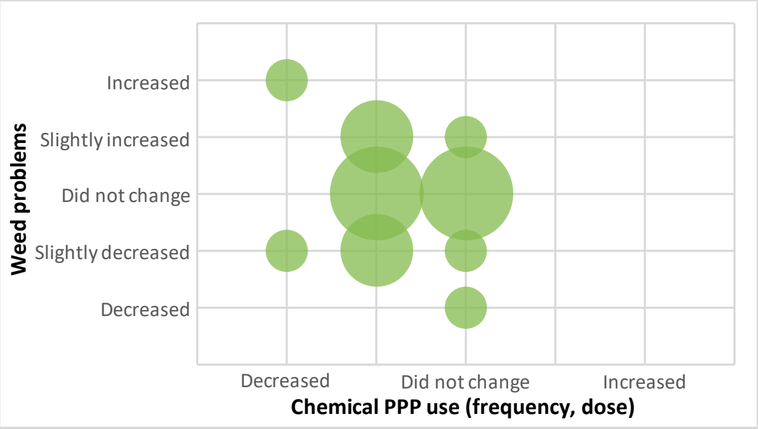


Less use of pesticides (herbicide, fungicide and insecticide) during the study in every country.

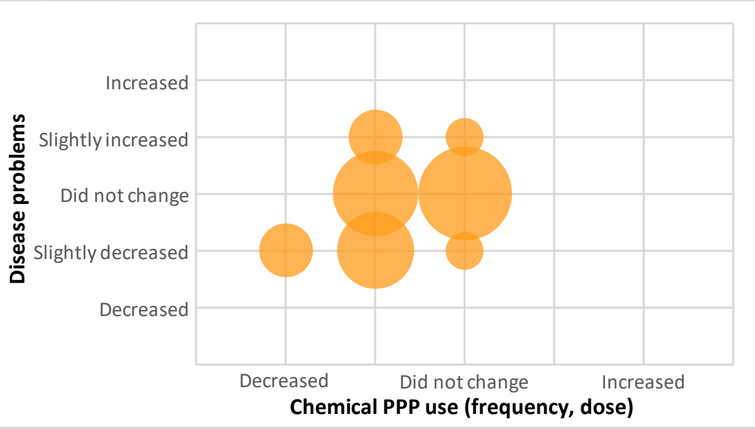
Self-evaluation

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

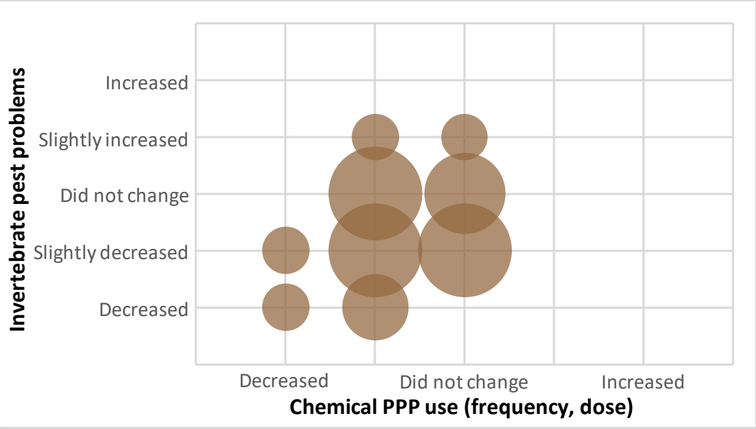
WEED PROBLEMS



DISEASE PROBLEMS



PEST PROBLEMS



No further weed problems when pesticide use is reduced.

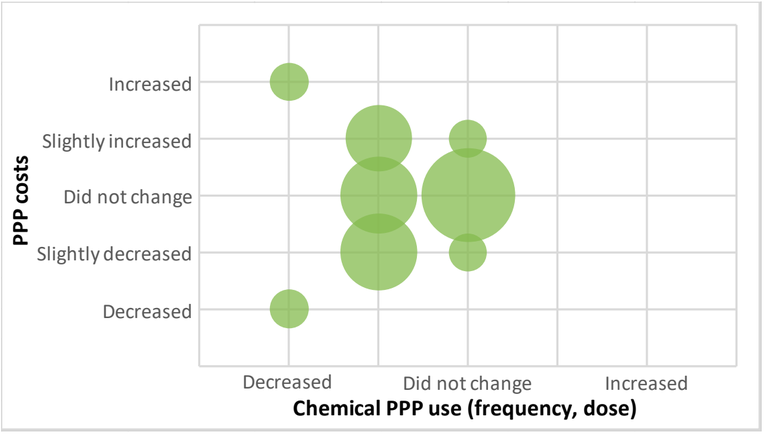
Slightly less disease problems when pesticide use is reduced.

Slightly less pest problems when pesticide use is reduced.

Self-evaluation

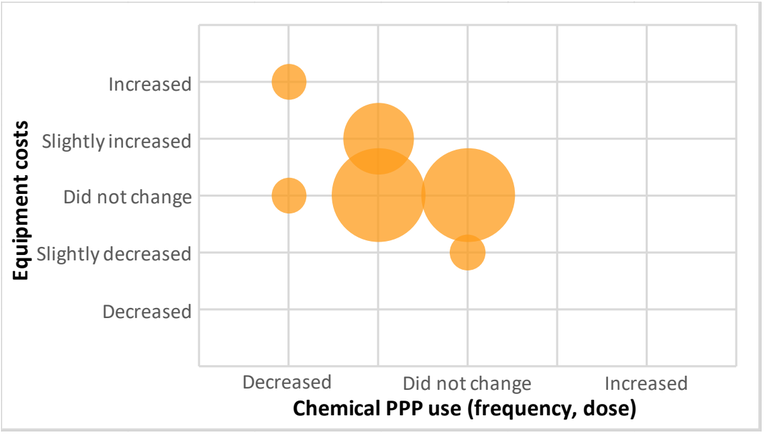
FARM COSTS COMPARED TO THE USE OF CHEMICAL PRODUCTS

PPP COSTS



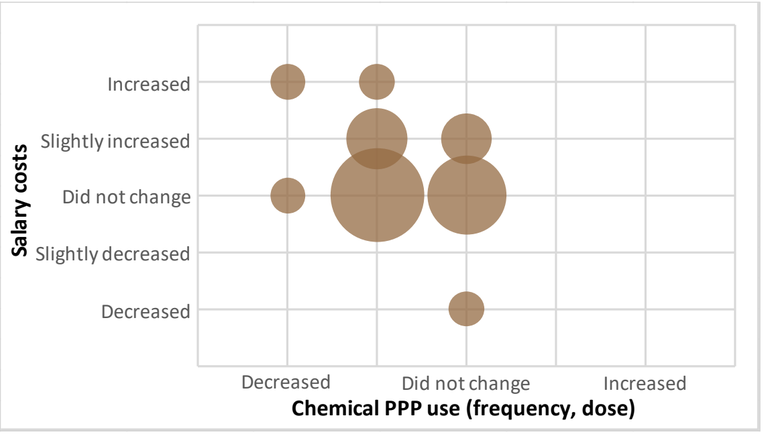
No change in PPP costs when pesticide use is reduced.

EQUIPMENT COSTS



Slightly more equipment costs when pesticide use is reduced.

SALARY COSTS

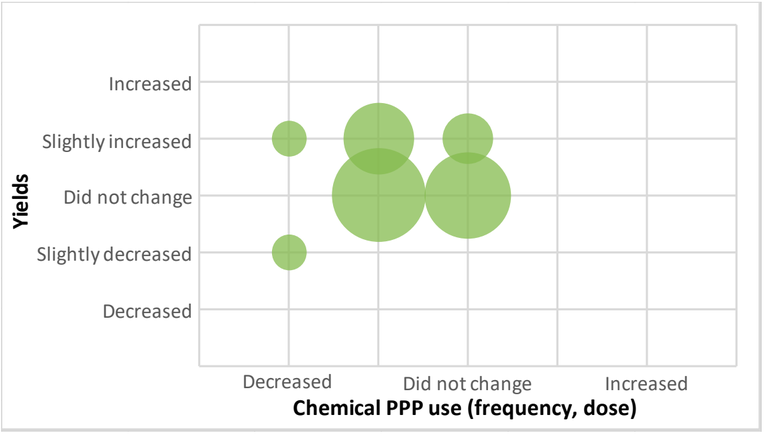


Slightly more salary costs when pesticide use is reduced.

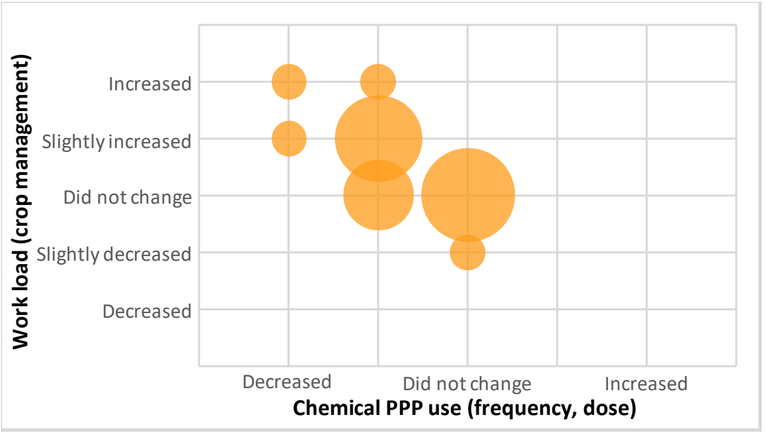
Self-evaluation

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

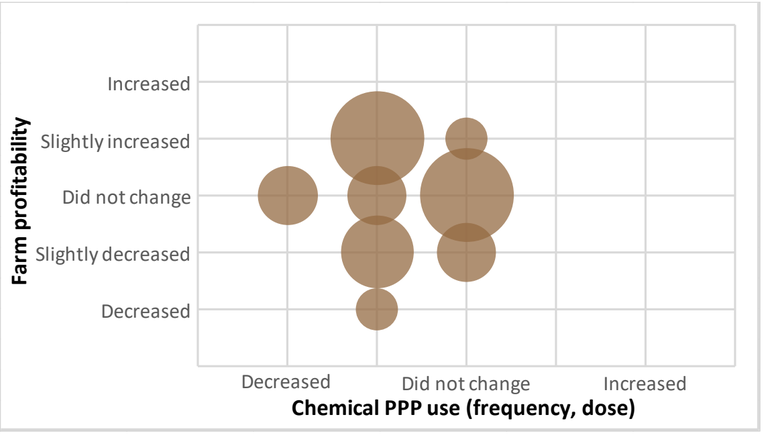
YIELDS



WORKLOAD



PROFITABILITY



No change in yields when pesticide use is reduced.

Slightly more work load when pesticide use is reduced.

No change in profitability when pesticide use is reduced.

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www.ipmworks.net

Nicolas Munier-Jolain (INRAE)
nicolas.munier-jolain@inrae.fr

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