

Practice Abstract N° 7

Top weaknesses of herbicides for farmers, researchers and advisors

INTRODUCTION

The effectiveness and sustainability of weed management strategies depend on stakeholders' perspectives, including farmers, researchers, and advisors. Understanding their concerns regarding **herbicides' weaknesses** is crucial for developing integrated and sustainable weed management approaches. This study identifies commonalities and differences, enabling better-targeted solutions for agroecological weed management.

The analysis is based on 240 interviews conducted at the GOOD Living Labs in 2023 and presented as aggregated data.

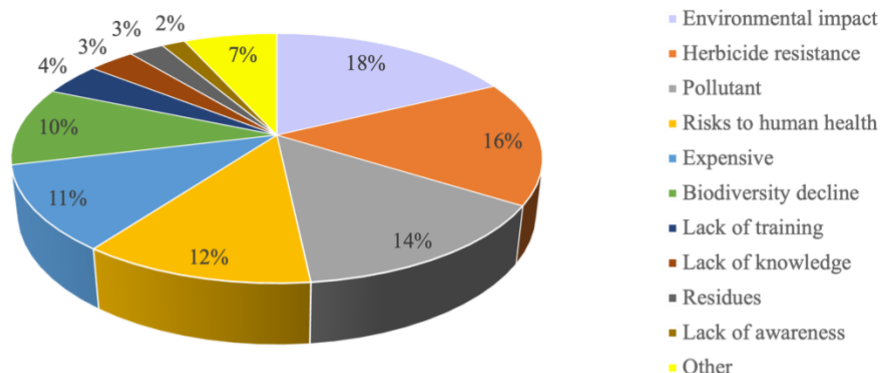
MAIN RESULTS – OUTCOMES

- ✎ Across all groups, environmental impact is a top concern, highlighting the need for sustainable alternatives
- ✎ All recognize the increasing challenge of herbicide-resistant weeds
- ✎ Herbicides are perceived as expensive, particularly by farmers, influencing their weed management decisions
- ✎ Compared to other groups, advisors emphasize the negative effects of herbicides on biodiversity

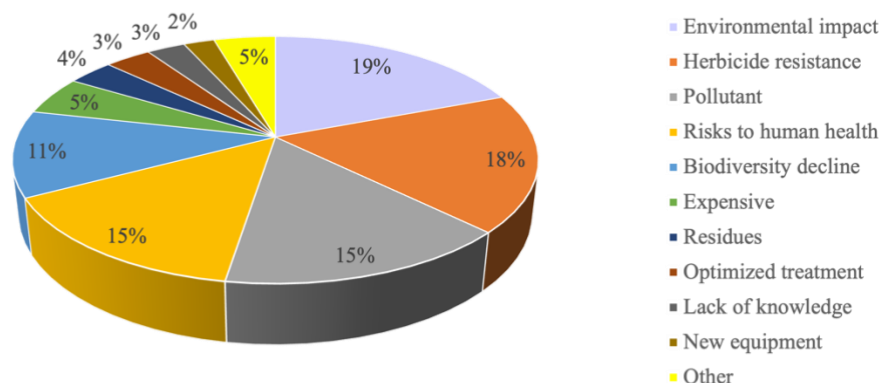
PRACTICAL RECOMMENDATIONS

- 1 **Promote agroecological weed management** such as cover crops and bioherbicides to reduce herbicide reliance
- 2 **Create farmer training programs** to improve knowledge and implementation of agroecological weed management strategies
- 3 Encourage **research and innovation** & support **policies** for sustainable weed management

TOP 10 WEAKNESSES OF HERBICIDES FOR FARMERS



TOP 10 WEAKNESSES OF HERBICIDES FOR RESEARCHERS



TOP 10 WEAKNESSES OF HERBICIDES FOR ADVISORS

