



Garibaldi et al. 2014 *Frontiers Ecol & Environ*



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wild pollinators honey-bee health

Synergies

Pollinator-friendly
practices

Bees



Environment



Kremen & Miles 2012
Wratten et al. 2012
Shackelford et al. 2013

Synergies

Pollinator-friendly
practices

- Soil erosion
- Water contamination
- + Pest control
- + Biodiversity
- + Scenic value & Tourism

Environment



Short-term revenues



Pollinator-friendly
practices

Trade-offs

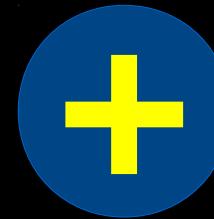
↑*Synergies*

Pollinator-friendly
practices

↓*Trade-offs*

Marginal lands

Water sources



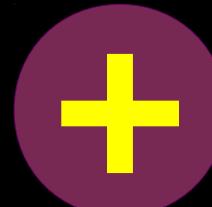
Crop yield



Smallholdings

Largeholdings

**Win-win scenarios
between
biodiversity and
crop yield**



Wild biota

Ecosystem services

nutrient cycling
pest control
wild pollination



Thanks!

Thanks!



Thanks!

POLLINATOR DIVERSITY

Mutually beneficial pollinator diversity and crop yield outcomes in small and large farms

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Thank you!