



Enhancing biodiversity in agricultural landscapes

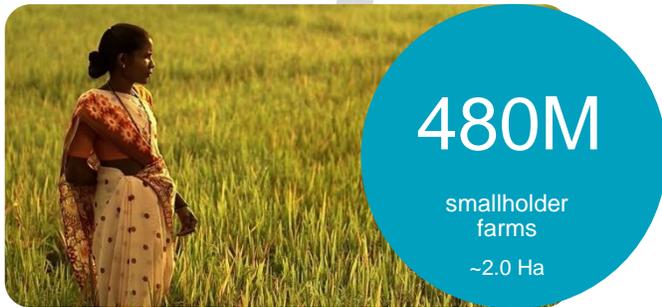
Liz Hunt, Sustainable & Responsible Business

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Helping small and large farms meet the challenges of global food production

Our ambition

We play a vital role in the food chain to safely feed the world and take care of our planet.
We will be the most collaborative and trusted team in agriculture, providing leading seeds and crop protection innovations to enhance the prosperity of farmers, wherever they are.



Bringing plant potential to life

The Good Growth Plan

We've made six commitments to help grow more food using fewer resources, while protecting nature, and at the same time helping people in rural communities live better lives

**More food
Less waste**



Make crops more efficient

Increase average productivity of the world's major crops by 20% without using more land, water or inputs

**More biodiversity
Less degradation**

Rescue more farmland

Improve the fertility of 10 million hectares of farmland on the brink of degradation

Help biodiversity flourish

Enhance biodiversity on 5 million hectares of farmland

**More health
Less poverty**

Empower smallholders

Reach 20 million smallholders and enable them to increase productivity by 50%

Help people stay safe

Train 20 million farm workers on labor safety, especially in developing countries

Look after every worker

Strive for fair labor conditions throughout our entire supply chain network

One planet. Six commitments.

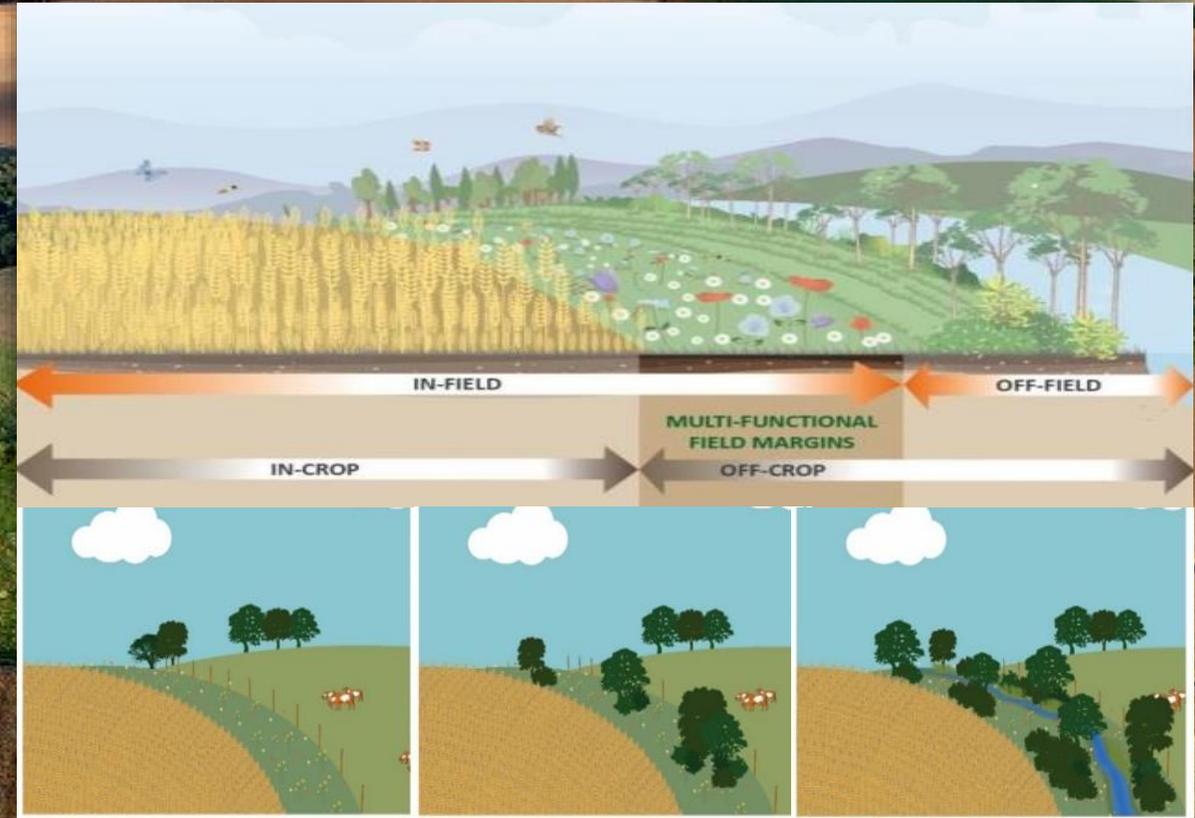
Multi-Functional Field Margins: Assessing the benefits for nature, society and business

Description

- Establishment and management of biodiversity on marginal and less productive farmlands
- Farmers are provided with a protocol and seed mixture of local origination.

Services

- Pollinators and natural pest-control species
- In-situ conservation of CWR
- Soil and water conservation
- Landscape connectivity
- Recreational, cultural and aesthetics



The more ecological features and biodiversity richness MFFMs have, the more benefits provided.

Multi-Functional Field Margins: Assessing the benefits for nature, society and business

More research is needed to develop a more sophisticated model for MFFM benefits evaluation

Questions to address:

1. How to achieve an integrated, scalable valuation taking into account landscape features, trade-offs with crop yields, farming practices and cultural context?
 2. How to address coefficients, control data gaps, and extrapolate data and results from farm to landscape level?
 3. How can benefits of MFFMs be reflected in crop prices?
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Transparency • Collaboration • Open Communication

