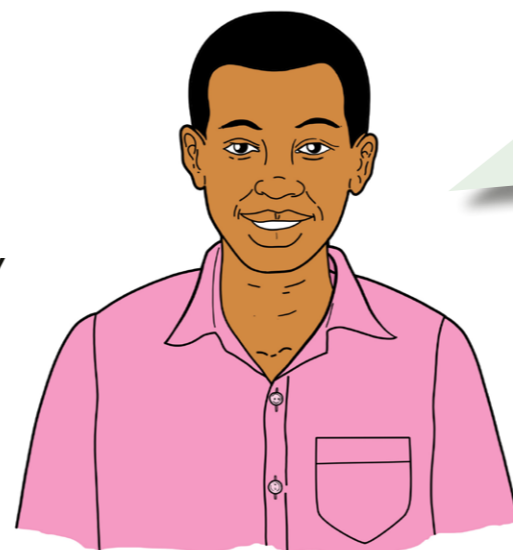


Biodiversity and climate change adaptation on ecological organic farms in the Tropics

What is biodiversity and what benefits can it provide for farmers?

Biodiversity is the variety of living beings, including plants and animals, bacteria, and fungi, working together in ecosystems to support life. Biodiversity is not only the wild animals and plants living in and around a farm, but the crops grown and animals raised there as well.

Biodiversity supports ecosystems to provide what we need to survive: food, clean water, medicine and shelter. Farms which support biodiversity benefit in many ways, including improving crop, soil and water quality, as well as improving a farms ability to adapt to challenges, e.g., risks associated with climate change like droughts, heavy rain events and pest and disease outbreak.



Adaptation is the ability of a farm to: be flexible and productive in the face of challenges to the system. Current challenges that require increased adaptability for farmers include: the increasing droughts and intense rain events occurring with climate change, rising fertiliser and food prices, etc.



Knowledge product funders



Projects involved



Project funders



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