

NextGen Advisory Digital Advisory tool for Farmers

Empowering Farmers with Digital Guidance

The NextGen advisory system utilizes precise location, context, and climate data to offer tailored agricultural advisories. Using machine learning algorithms, the system analyzes diverse data points to provide accurate recommendations for fertilizer use and other farming practices.



Excellence in Agronomy
Lulseged Tamene

This technology is **pre-validated**.

8·7

Scaling readiness: idea maturity 8/9; level of use 7/9

Gender assessment

Climate impact

Problem

- Traditional low fertilizer application rates, which are prevalent in many agricultural regions.
- This practice leads to underutilization of resources and limits crop growth, thereby affecting overall agricultural productivity.

Solution

- The tool provide site-specific organic and inorganic fertilizer recommendations for key crops such as maize, teff, and wheat.
- It integrates hyper-localized data and tailored approaches to address soil fertility management plus (ISFM+) framework.
- This comprehensive tool aims to increase agricultural productivity and sustainability by providing precise, actionable advisories directly to farmers.

Commodities

Wheat, Teff, Maize

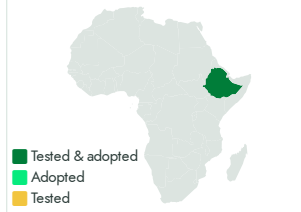
Sustainable Development Goals



Categories

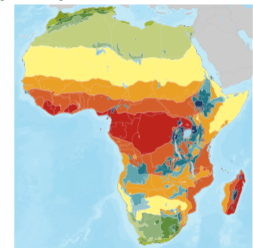
Production, Digital applications, Advisory and information service, Yield improvement

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Development institutions, Farmers, Governments

Key points to design your project

The NextGenAgroadvisory tool aims to revolutionize wheat, maize and teff farming, boosting production, increasing profits, and minimizing wastage.

To integrate NextGenAgroadvisory Into Your Project:

- Access the app from Google Play or the web for advice on various devices.
- Farmers get advisories through videos, interactive voice responses, and digital formats for accessibility.
- Promote the tool's benefits and ease of access among farmers.
- Promote investments in fertilizer and weed management technologies.
- Create flyers, videos, and radio broadcasts to encourage adoption.

24—36 %

Wheat yield increased



Unknown



NextGen Advisory

<https://e-catalogs.taatafrica.org/gov/technologies/nextgen-advisory-digital-advisory-tool-for-farmers>

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