



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

INTEGRATED WARNING AND MANAGEMENT SYSTEM FOR FALL ARMYWORM

What

The Feed the Future Developing Local Extension Capacity (DLEC) project, in partnership with the Feed the Future Ethiopia Value Chain Activity (FTF-EVCA) implemented by Fintrac, is testing a multi-pronged, digital data-driven approach to mitigate the effects of Fall Armyworm for smallholder farmers in Ethiopia.

Why

The Fall Armyworm (FAW) has infested approximately a quarter of the 2.6 million hectares of land planted with maize since 2017 in Ethiopia.

The Government of Ethiopia has established a National Technical Advisory Committee (TAC) on FAW to respond to the devastation caused by the pest.

The DLEC Engagement aims to support the TAC prevent and mitigate FAW by leveraging a suite of digital tools to track FAW spread in real-time and deliver tailored solutions to extension agents and smallholder farmers at scale.



Farmer Reach:

**25,000 FARMERS ACROSS 10 WOREDAS
IN AMHARA AND OROMIA REGIONS**

Partners

Ministry of Agriculture, Agricultural Transformation Agency, Regional Bureaus of Agriculture, Fintrac, CIMMYT



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global forum for rural advisory services
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How



CHANNEL 1 VIDEO-ENABLED EXTENSION

Extension agent shows socially-relevant videos on FAW mitigation

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CHANNEL 2 NATIONAL IVR Q&A FORUM

Farmer reports FAW sighting and requests inputs via IVR

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CHANNEL 3
FAMEWS
(Fall Armyworm Monitoring and Early Warning System)
Data is collected via pheromone traps on FAW sightings

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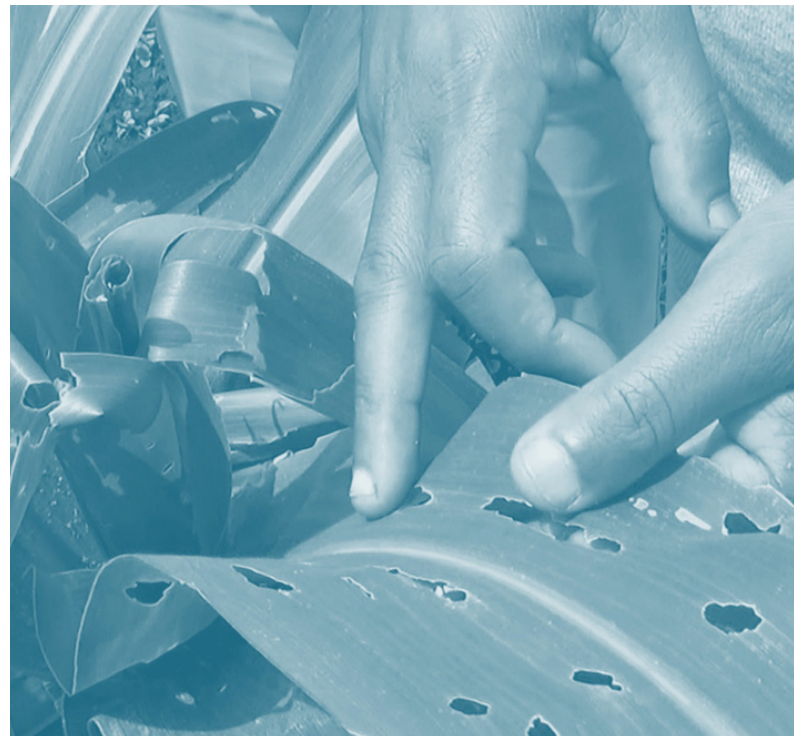
TAC makes targeted evidence-based decisions on where, when and how to target FAW mitigation efforts based on data from all three channels

Timeline

May 2018 - September 2019

Expected Outcomes

Engagement results will demonstrate how a FAW infestation can be combated with an integrated digital approach. The results will serve as a blueprint for replication across other pest infestations in additional country contexts. DLEC will share learnings and influence scale up of the digital approach across Ethiopia and other contexts.



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