

Dairy Farming Demonstration Unit (DFDU)

Impact Brief | Grace Foundation International (GFI)

Project Overview

The Dairy Farming Demonstration Unit (DFDU) is a flagship initiative of Grace Foundation International aimed at transforming rural livelihoods through climate-smart dairy farming in Kenya's South Rift region. The project serves as a hands-on learning hub where smallholder farmers acquire practical skills that improve productivity, nutrition, and household income while strengthening resilience to climate change.

Problem Statement

Many smallholder dairy farmers face low milk yields, poor animal health, limited access to training, and weak market linkages. These challenges contribute to low incomes, food insecurity, and vulnerability to climate shocks. DFDU addresses these gaps through practical demonstration, farmer-to-farmer learning, and value-chain oriented support.

Core Interventions

- Hands-on training in animal health, feeding, breeding, and hygiene
- Climate-smart fodder and pasture management
- Improved milk handling, quality control, and productivity
- Women and youth inclusion in dairy value chains
- Market readiness and income stabilization pathways

Expected Impact (2026–2030)

- 200+ smallholder households directly supported
- 30–50% increase in milk yields per participating farm
- USD 600–1,200 increase in average annual household income
- Improved household nutrition and food security
- Replication of best practices across surrounding communities

Why DFDU Matters

DFDU is not only an agricultural project; it is a dignity-centered livelihood model rooted in the Golden Rule. By empowering farmers with skills, confidence, and market access, DFDU contributes to sustainable development, climate action, and inclusive rural growth.

Partnership & Funding Opportunities

Grace Foundation International welcomes partnerships with foundations, philanthropists, faith-based institutions, and development partners to scale DFDU. Support may include training sponsorships, infrastructure co-funding, equipment support, or long-term program partnerships.

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