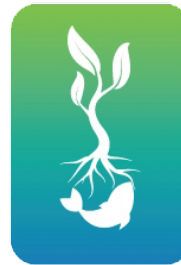


Case for Support



TARGETED
AQUAPONIC
GROWTH

Summary - Feed a child. Change a life. Define a future.

Targeted Aquaponic Growth (TAG) equips and educates orphanages and children's homes in Integrated Aquaculture technology, providing a sustainable solution to meet their need for food security. We believe that every child should consistently have access to nutritious, life-giving food. Using modern fish farming technology, we believe TAG can help fulfill their nutritional needs while educating them on how to create their own sustainable, reliable and renewable food source.

The Need

Millions of children in East Africa suffer from hunger and something needs to change! With your assistance we can reduce the physical, cultural and economic effects of malnourishment and stunting with a solution that provides consistent, predictable results. The cost to build and fully staff TAG's Food Production and Training Centers is **\$876,000**.

Our Solution

TAG's experience in agriculture and aquaculture technology plus the hope we have in Christ is the foundation of our work. Through the strategic placement of Integrated Aquaculture systems, and with the help of partners like you, TAG can reduce the devastating long term effects of malnutrition at orphanages and schools with a sustainable solution. We deeply care about reaching the lost, feeding the hungry, and creating reliable solutions!

Meeting a physical need: The Targeted Aquaponic Growth process brings immediate hunger relief to orphanages and children's homes using scientific agriculture technologies. This provides a sustainable solution while also creating financial relief for those we are serving.

Creating generational impact: TAG systems are self-sustaining, self-propagating and have the ability to contribute so much more than the immediate problem of food scarcity. Through education on agriculture, nutrition and entrepreneurship, we can establish tangible skills, socio-economic stability and community transformation in a tribal culture.

Multiplying spiritual growth: We believe that you have a greater opportunity to reach a spiritual need when you are also able to meet a physical need at the same time. Using 2 Timothy 2:2 as a model – we are entrusting those we train to share the good news while empowering others.

Our Method

Aquaponics is a marriage between aquaculture and hydroponics. The technology is based on a system of aquaculture in which the waste produced by farmed fish or other aquatic animals supplies nutrients for plants grown hydroponically.

Each system provides the capability for increasing access and availability to fresh, nutritional foods.



Where we go

Our first mission is reaching those in East Africa specifically in Uganda and South Sudan.

East Africa's culture is deeply rooted in a Christian heritage, and that's exactly what our mission is built upon. Producing food for hungry children is a means by which we can fill their bellies while spreading the good news. We have been called to serve our brothers and sisters in Christ while allowing the Gospel to be the cornerstone upon which we serve.

With over 500 miles of the Nile River flowing through them, fish have been a staple in their culture since the beginning of time. We are building upon this established food source to feed these children. With the capabilities of Integrated Aquaculture technology, we are able to ergonomically streamline fish and vegetable production.

Your Opportunity

We are asking ministry partners to prayerfully consider joining us on this journey. We are seeking **\$876,000** to build and fully staff TAG's Food Production and Training Centers in Lira, Uganda and Keller, Texas. We are excited to see what God has in-store for us and honored that you would consider investing in the important work we're doing.

For questions or more information contact

Damon Arthur

darthur@tag2grow.org

214-674-0056



TARGETED
AQUAPONIC
GROWTH

3 Year Budget (2022 – 2025)

Food Production and Training Center - Lira, Uganda

(Land donated by The Ogwang Foundation)

Capital Expenditures

Water well	\$40,000*
Solar power system	\$25,000*
Finish/remodel buildings (3)	\$35,000*
Fencing	\$15,000*
Truck	\$45,000*
Refrigeration	\$5,000
Aquaculture Systems	\$100,000
Remote monitoring systems	\$5,000
Misc. equipment, tools	<u>\$5,000</u>
	\$275,000

Annual Program Expenses

Director of Operations salary	\$36,000
Staff salaries	\$18,000
Operational expenses	<u>\$12,000</u>
	\$66,000/yr. x 3 = \$198,000

Research and Training Center - Keller, Texas

Capital Expenditures

Solar & Electrical expenses	\$15,000
Fish Hatchery	\$8,000
Remote monitoring system	<u>\$2,000</u>
	\$25,000

Annual Program Expenses

Director of Operations salary	\$30,000
Greenhouse staff salaries	\$12,000
Operational expenses	<u>\$12,000</u>
	\$54,000/yr. x 3 = \$162,000

Annual U.S. Administration

Executive Director salary	\$48,000
Office staff salaries	\$12,000
Travel expenses	<u>\$18,000</u>
	\$72,000/yr. x 3 = \$216,000

Total 3 Year Expense Budget

\$876,000

3 Year Project Plan

Food Production and Training Center – Lira, Uganda

1st Year – Phase 1

First 6 months

- Drill water well
- Install solar power system
- Build grow-out ponds
- Fence property

Second 6 months

- Build fish hatchery
- Fill and stock ponds
- Finish/remodel buildings on the property

End of 1st Year

- Water well in full production
- Fish hatchery operating
- Grow-out ponds operating

2nd Year – Phase 2

First 6 Months

- Build aquaponics system
- Build back-up power systems

Second 6 months

- Install remote monitoring system

End of 2nd Year

- Hatchery, Ponds and Aquaponic systems all into full operations

3rd Year – Phase 3

- Tuning all systems into full production