



JDV NEEDS A TRACTOR!





ABOUT US

Deafness is not the enemy. *Language deprivation, however,* is a formidable foe: it creates barriers to success for the Deaf on various planes. Jobs, community relationships, interaction between family members -- even understanding the gospel -- they all require language. This is why we are here.

For over sixty years, CCCD has been bridging the divide. Through it the Deaf have opportunity for language, education, access to the gospel, job training, community involvement, and more.

Thank you for coming along with us to learn more about the heart of what we do and why we do it.

Quick Facts

- Over 65 years of service
- Gospel-based nonprofit
- Still 7,000+ unschooled Deaf
- One audiologist in Jamaica

The Main Thing

- Make the Gospel Deaf-accessible
- End language deprivation
- Offer education and job training
- Entrepreneur & job opportunities

Who We Serve

- Deaf children 3-22 years old
- Deaf adult students
- Deaf employees
- Deaf families

CCCCD LOCATIONS

WORKING TOGETHER TO REACH THE DEAF OF JAMAICA

CCCCD has two home offices. Jamaica's head office manages island activities while the U.S. office connects partners to Jamaica and offers ongoing support. Ministry locations in Jamaica include two pre-K through 12 schools, an adult education campus, and Jamaica Deaf Village: a 100-acre Deaf Transitional Training Centre where Deaf adults can work and raise their families in a Christian community.



Jamaica
JA Main Office



United States
US Main Office



Knockpatrick
Pre-K - 12



Kingston
Pre-K - 12



Montego Bay
Adult Deaf Ed



JDV
100 Acre Village

JDV AGRICULTURAL DEVELOPMENT PLAN

Jamaica Deaf Village has thirty to forty acres of prime land to be developed for crop production and animal husbandry. The campus has another ten to twelve acres that can be used as a plant nursery and orchard.

Due to various resource limitations, only about three acres of land are currently being used for small scale farming. This is grossly insufficient to meet ministry-wide demands for market goods and protein sources for students, staff, and the international and domestic groups hosted each year. We could do so much more if we could develop this land.



Current Practices

JDV has a variety of rotational crops like yam, sweet potatoes, Irish potatoes, coco, sweet peppers, scotch bonnet peppers, and cucumbers. The orchard has banana, rose apple, orange, lime, avocado, mango, and papaya trees. The primary cash crops are peanuts and red peas (red beans). Still, profit margins are relatively small. 90% of farm activities are manual labor. We need the tractor and implements to prepare the land for more planting.



Project Benefit

The current yearly farm revenue is \$2,000, not including cattle sales. This covers about 1% of JDV's annual budget, having little impact on CCCD's overall revenue generation. With current and anticipated future increases in food costs (and possible food shortages), it is good stewardship and financially wise for us to take greater responsibility for our own food production. We currently produce less than 5% of our ministry's internal demand for food.



Implementation

During the first five years of this plan, we want to increase crop production to roughly 30 acres, which is a 600% increase. We will minimize drought risks through improved water collection, storage, and distribution. We will improve crop quality and variety through greenhouse cultivation, and we will diversify our livestock by increasing the goat herd and adding poultry. An arboretum will be added for fruits and recreational use. Deaf staff will receive ongoing training in agriculture best practices for livelihoods skills and small business development.



The Need*

- One Model LS PLUS100 Four-Wheel Drive Tractor - \$61,000.00
- One AFC Mounted Disc Plough, three discs 28" x 6.00mm - \$8,000.00
- One Gaier Offset Disc Harrow 14x26" x 6.00mm - \$20,000.00
- CDR Ridger with six graduated Discs 20/22/24 6.00mm - \$10,000.00

*Some funds have been given. Please contact us to see how much is needed to finish the farm project.



THANK YOU

HOW TO DONATE TO THE JDV FARM DEVELOPMENT PROJECT

To give to the JDV Farm Project, you can go to the website at www.cccdjamaica.org/donate or you can mail a check to the US Office at CCCD, 100 S Pine Ste. 283, Zeeland, MI 49464. If you have any questions, please contact Ben Beukema via the information below.

Thank you for taking the time to consider this need.

 616-215-2075

 www.cccdjamaica.org

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Project Proposal JDV Agricultural Development Plan

The Jamaica Deaf Village has access to approximately thirty to forty (30-40) acres of prime arable agriculture lands for crop production and animal husbandry (beef cattle, goats, and poultry) as well as another ten to twelve acres that will be designated for an arboretum (ornamentals, lumber and fruit trees).

Due to various limitations – resource constraints, only about three acres of land are currently being utilized for small scale farming. This represents a significant underutilization of resources that is grossly insufficient to meet ministry-wide demands for market goods and protein sources (approximately \$8,000,000 JMD annually) for students, staff, and the international and domestic groups hosted each year.

Current Practices The initial plan for the Deaf Village focused on fully developing the property for residential and commercial utilization and did not include any agricultural development beyond the possible inclusion of “kitchen gardens” (small private gardens to supplement a family’s food supply) on the individual housing lots.

Over the years, it became apparent that the development would take many decades, and that the empty land could be put to better use to produce food for consumption by the residents or for sale in the local market. In 2009, small scale planting was started and in 2010 eight head of beef cattle were purchased for breeding. Over time, additional plots were cleared for planting and a handful of various fruit trees were also scattered around the property. Today, the Village has a variety of rotational crops including yam, sweet potatoes, Irish potatoes, coco (a form of taro), sweet peppers, scotch bonnet peppers, and cucumbers as well as an assortment of fruit trees (banana, rose apple, orange, lime, avocado, mango, and papaya). The primary cash crops are peanuts and red peas (form of bean), but our profit margins are relatively small because we need to rent equipment to prepare the land for planting.

There are also a number of other hurdles that must be overcome to more effectively meet the needs of both the internal (feeding our campuses) and external (sales for revenue generation) markets which include but are not limited to the following: regional and seasonal droughts, lack of adequate water catchment and storage facilities, lack of irrigation systems for crop and livestock production, no greenhouse production, deficient field/pasture conditions, lack of supplemental feeds for livestock, inefficient and inadequate farm equipment/machinery, no animal enclosures (primarily for goats and poultry), and insufficient training in agricultural best practices for our Deaf staff.

Projected Benefit

The average yearly farm revenue of \$300,000.00 JMD (not including cattle sales) accounts for roughly 1% of JDV's annual budget and has a relatively negligible impact to either JDV's or CCCD's overall revenue generation. With the current and anticipated future increases in food costs (and possible food shortages), it behooves us to take on a greater responsibility for our own food production; we currently produce less than 5% of our ministry's internal demand.

By increasing our agricultural production (produce, meat, and eggs), JDV/CCCD would realize the internal benefits of reduced food costs (up to 75% in comparison with market prices versus sales to wholesalers) and increased revenue streams from sales to the external market when the crop production exceeds internal demand.

In addition to the financial benefits, JDV's Agriculture Plan also directly and indirectly supports the Village's goals of empowering the Deaf community through access to a greater knowledge base and practical skills training which will not only benefit them during their time at JDV but also after transitioning off campus – through personal supplemental food production as well as possible entrepreneurial agricultural business opportunities.

Implementation

As a part of its strategic goal JDV/CCCD has proposed agricultural growth and expansion as an environmental, economic, and social risk management strategy, that will seek to improve climate change resilience, agricultural productivity, income generation, and human capital development by providing sustainable mitigation and adaptation strategies, skills training, and enterprise development.

CCCD'S/JDV's agricultural project will attempt to address five key areas:

- I. Sustainably increasing agricultural productivity with respect to both crops and animals.
- II. Adapting and building resilience to climate change through awareness and climate resilient practices and water management techniques.
- III. Expanding and improving agriculture as a social enterprise initiative for increased and sustained cost savings (internal market) and income generation (external market).
- IV. Upgrading farm tools, machines, and equipment to mechanize and optimize farm operations.
- V. Developing Deaf farm workers' agricultural skills, competency, and capacity for both personal and corporate benefit.

During the initial five years of the agricultural plan, JDV will seek to increase its land utilization for crop production to roughly 30 acres (600% increase), minimize risks to both crops and animals due to seasonal and/or regional droughts through improved water collection, storage, and distribution techniques, improve crop quality and diversity through the use of greenhouse cultivation, diversify our livestock by increasing the goat herd and adding poultry, create an arboretum for fruit and lumber harvesting as well as for recreational use, and increase Deaf staff's understanding of agricultural best practices for both personal consumption and small business development.

One key goal that is fundamental and critical to the success of the broad agricultural plan for CCCD is the acquisition of a tractor and its implements.

JDV has by God's help received assistance to source one of its most important piece of capital equipment: a tractor. The first step in realising our goal of increased and expanded agricultural production is acquiring a tractor. The tractor will serve for land preparation for crop cultivation and pasture preparation for goats and cattle and can/will be used to chaff supplemental feeds for goats and cattle.

The funds secured so far for purchasing a tractor is enough to cover 60% of tractor and implements cost. To date we have received USD 45,000.00 towards purchasing tractor and implements. The outlay below outlines the total cost for purchasing all the needed equipment:

- One (1) Model LS PLUS100 Four Wheel Drive Tractor: **USD 61,000.00**
- One (1) AFC Mounted Disc Plough, three (3) Discs 28" x 6.00mm with Depth control wheel notch disc blades: **USD 8,000.00**
- One (1) Gaier Offset Disc Harrow 14x26" x 6.00mm: **USD 20,000.00**
- CDR RIDGER WITH SIX (6) graduated DISCS 20/22/24 6.00MM: **USD 10,000.00**

Approximately USD 55,000.00 is needed to complete the purchase of tractor and implements.

The JDV agricultural expansion project is a significant undertaking that is planned to be implemented over the next three to five years in various phases. Certain phases have already received some degree of funding and have been started.

We are continuing to seek assistance and partnerships to achieve our goals in procuring a tractor and implements construct greenhouses, goat enclosure, a poultry enclosure, and the expansion/improvement of four pasture lots for either cattle and goats.

As costs (and to some extent availability) of food items continues to increase, the benefits of this project will be felt almost immediately. This project will not only provide more cost effective and healthy produce and protein sources to the hundreds of students, staff, residents and visitors at our four campuses, but will also provide jobs to Deaf residents at JDV and training that can be utilized in future careers or in providing supplemental food items for themselves and their families.