

CURRICULUM VITAE FOR MALCOLM DAVID CASTILLO

Date: 16th JANUARY, 2016

PERSONAL DETAILS:

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| 1) SURNAME: | Castillo |
| 2) GIVEN NAMES: | Malcolm David |
| 3) DATE OF BIRTH: | 15 th July, 1973 |
| 4) COUNTRY OF BIRTH: | Belize |
| 5) CURRENT AGE: | 42 years |
| 6) MARITAL STATUS: | Married |
| 7) DEPENDENTS: | One |
| 8) PROFESSION: | Agronomist |
| 9) NATIONALITY: | Belizean |
| 10) NATIVE LANGUAGE: | English |
| 11) OTHER SPOKEN LANGUAGE(S): | Spanish |
| 12) HOME ADDRESS: | 10413 Old Cutler Rd. Apt. 111
Old Cutler Village Apartments
Cutler Bay, FL, 33190
U.S.A |
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✓ **EDUCATION:**

▪ **1981 - 1988:** St. Francis Xavier Primary School, Corozal Town, Belize
(Primary School Level)

▪ **1988 - 1992:** Corozal Community College, Corozal District, Belize
(High School Level)

▪ **1992 - 1994:** Belize College of Agriculture, Cayo District, Belize
(College; Sixth Form Level)

▪ **1999 - 2005:** Agrarian University of Havana (UNAH), Province of Havana,
Cuba (University Level; Bachelor's Degree);

Thesis, (To defend Diploma Paper) was entitled; "The Study on Sugar Cane Fertilization with N₂, P₂O₅ & K₂O Cultivated in Dark Gleyed Plastic Soil (Vertisols)", it was defended on the 23rd June 2005 & the grade I attained was with the maximum mark of (5) being Excellent.

❖ **Short Term Training(s)/Qualification:**

✓ **Internationally:**

- 1) Attended a two (2) weeks workshop in **Taiwan (Taipei)** on: "**Agricultural Marketing & Rural Development**", from 2nd - 15th March, 2011. (Received Best Participant Report Award for the Best Group Presentation). Workshop held in Taiwan was financed by the International Cooperation and Development Fund (ICDF), Taiwan.

✓ **Regionally (Central America, Caribbean & Mexico):**

- 1) Attended training course seminar in **El Salvador (San Salvador)** on: **“Statistics Analysis of data base information with Microsoft Excel”**, from 6th - 7th May, 2010.
- 2) Attended training course seminar (1st session) in **Mexico (Veracruz)** on: **“Transfer of Technology on the Production, Management and Conservation of grains with emphasis on Corn, Beans and Rice Commodities at the producers’ level”**, from 14th - 15th July, 2011.
(Facilitated by the INIFAP Research Institute, Mexico)
- 3) Attended a second training course seminar (2nd & last session) in **Mexico (Veracruz)** on: **“Transfer of Technology on the Production, Management and Conservation of grains with emphasis on Corn, Beans and Rice Commodities at the producers’ level”**, from 26th - 28th September, 2012.
- 4) Attended the 58th Annual Meeting of the Central American Programme of Cooperation for the Improvement of Crops and Animals (PCCMCA), carried out in **Honduras (La Ceiba, Atlántida)** from 22nd - 26th April, 2013.
- 5) Participated in the course **“Use of doubled haploids as an alternative for the reduction of the number of endogenes in the corn crop”**, from the 23rd - 24th April, 2013 during the 58th Annual Meeting of the PCCMCA as part of numerous other short courses taking place simultaneously, **Honduras (La Ceiba)**.

✓ **Nationally (within Belize):**

- 1) Attended training course in: **“Writing a Convincing Proposal, Strengthening Project Development, Donors Relations, and Resource Mobilization in Agricultural Innovation”**, from 14th - 16th June, 2006.
- 2) Attended training course workshop in: **“Project Identification, Formulation and Implementation”**, from 26th - 28th July, 2006.
- 3) Attended training course in: **“Sharpen Writing Skills”** from 2nd - 4th of August, 2006.
- 4) Attended training course workshop in: **“Strategic Planning”**, from 26th - 28th March, 2007.
- 5) Attended training course in: **“Project Cycle Management and Logical Framework”**, from 2nd - 3rd July, 2009.
- 6) Attended training course in: **“Project Development & Proposal Writing”**, from 30th May - 3rd June, 2011.

✓ **EXPERIENCE RECORD:**

- 1) Plan, Coordinate and Implement (PCI) activities, as an Agriculture Officer, for the Commercial Rice Seed Production Project along with the Republic of China (ROC) Taiwan Technical Mission (TTM) in Belize (*refer to internet; Belize news article, "Rice Seeds In the South"; posted on February 10, 2012 by 7 Newsbelize.com*) with 30 acres of rice plots in the Toledo District to supply high quality rice seeds to rice farmers of the South of Belize since August 2008 to August 2014; (rice plots were cultivated using the Taiwanese Flood/Irrigated System, a production system that allows rice seed yields of 4,000-6,000 lbs./acre);

- 2) Other duties related to the rice commodity was to conduct trainings to rice farmers, along with the ROC TTM and the Extension Service of the Agriculture Department, Toledo, in:
 - i. Good Agricultural Practices,
 - ii. Rice Seed Production,
 - iii. Usage of adequate harvest, post harvest and storage technology &
 - iv. Transfer of technology of producing paddy under rain fed condition to irrigated condition so as to increase yields from 2,500 to 5,000 lbs. per acre.

- 3) Since June 2009 to August 2014, PCI activities, as Focal Point, for the Corn and Beans Seed Production Project along with the Caribbean Research & Development Institute in Belize (CARDI), the Inter American Institute of Cooperation for Agriculture in Belize (IICA), the Food & Agriculture Organization (FAO) and the Central American Integrated System of Agriculture Technology; SICTA-

(Sistema de Integración Centroamericano de Tecnología Agrícola) with small corn & beans producers in 7 communities of Toledo to adopt technology on producing new and improved imported corn (open pollinated) and beans seed varieties from neighbouring Central American Countries, introduce good agricultural practices, crop rotation, soil conservation and adequate post harvest and storage techniques (*refer to internet; FAO-“Seed for Development” Project & IICA/SICTA-“Red SICTA” & “PRESICA” Projects*). Also, participated in annual workshops in the countries of Nicaragua & Costa Rica on project progress presentation & budget planning for the Red SICTA & PRESICA projects.

As part of the Red SICTA project; Phase III; attended a Climate Change Workshop entitled “*Innovative Technologies for the Adaptation to Climate Change with the Corn and Beans Commodities in Central America*” which was held in Matagalpa, Nicaragua on the 7th September, 2012.

The FAO- “Seed for Development” Project financed two (2) trainings for Technicians of the Ministry of Agriculture involved with the grains programme/projects <Trainings were Facilitated by CARDI> on:

- i. **Seed Production:** on 23rd February 2013; **Module 1-3:** Meaning of Seed, Seed-Origin, Development and Structure, Seed-Functions and Concept of Quality of Seed”; on 27th February 2013; **Module 4-5:** Production and Marketing of Quality Seed, Stages of Seed Multiplication and Quality Declared Seed Standards (FAO), & on 6th March 2013; **Module 6-** Seed Testing-practical session done at the laboratory unit of CARDI.

- ii. **Research Methodology:** from 23rd to 27th September, 2013; Usage of Genstat software to analyze experimental data;- Histograms, Stem & Leaf Plots, Box Plot & Normal Plot;- Central tendency & range;- Variability;- Replication, Randomization, T-Tests, Basic experimental design, Completely randomized design, Randomized block design (Plot & blocks), General change of variability with plot size, Field layouts, Latin square, Standard Latin squares, Factorial design, Split-plot design, confounding, On farm trials-validation & Observational trials.
- 4) Other duties since August 2008 to August 2014 with relation to the rice, corn & bean commodities was to:
 - i. Formulate costs of production for Milpa and Mechanized rice, corn & bean producers of the Toledo District.
 - ii. Prepare annual budget for commercial rice seed production for 30 acres of rice plots.
 - iii. Coordinate land preparation and harvesting of rice paddy with 500 acres of land in Toledo.
 - iv. Establish 30 acres of rice plots to produce 120,000 lbs of certified commercial rice seeds annually and market to rice farmers at dry weight.
 - 5) Implemented the Belize Rural Development Programme (BRDP) in the Corozal District from March 2006 up to April, 2008 with projects financed under the **{9th European Union Development Fund: 2000-2007, Cotonou Agreement}**, along with the District Development Committee; as chairperson (DDC) and its Project Management Unit; for country of Belize (PMU).

In the year 2007 the BRDP/DDC/PMU financed and implemented a first three (3) projects under the Small Grants Programme; (Habanero Hot Pepper Production, Cattle Production & Vegetable Nursery Seedling Production), another three (3) under the Village Development Programme; (Internet Cafe, Sewing Garment & Corn Tortilla Factory), (each financed with \$12,500.00 USD) and fifty three (53) projects under the Micro - Grant "Seed Capital" Programme (each financed with \$500.00 USD only).

- 6) Chair the Sugar Cane Production Committee (Sub-committee) for the Sugar Industry Control Board; Sugar Industry of Belize (represented by 5,000 cane farmers; North of Belize), from September 2006 to August 2007 as representative for the Ministry of Agriculture (MAF). Every year the chairmanship is rotated between representation from the Belize Sugar Industry Company Ltd., Belize Sugar Industry Control Board (Statutory Body of the Government of Belize), Belize Sugar Cane Farmers Association & MAF.
- 7) Employed in the capacity of Agriculture Officer as District Agriculture Coordinator at the Agriculture Department in the Corozal District for the Ministry of Agriculture since November, 2005 to July, 2008. The Ministry of Agriculture currently has five (5) ongoing programmes: Crops, Fruit Trees, Livestock, Agro-Processing & Extension.
- 8) Secularly employed at the Citrus Company of Belize (Presently under the name of Citrus Products of Belize Limited; CPBL) as "Farm Manager" to manage 3,000 acres of citrus groves from January, 1996 - November, 1998.
- 9) Employed at the River Walk Nursery doing Landscaping, plant rentals, plant propagation and care-taking during the months of February to May, 1995.