

11 September 2024



## Session n°14:

# Innovations of Caribbean entrepreneurs in climate resilient technologies



*Caribbean Agrifood Business Series* ...



Funded by  
the European Union



Name: MSc. BSc. Mr. Itajah Simmons

Profession: Mechanical Engineer

Country: Antigua & Barbuda

City: St. Johns

Itajah Simmons is a Mechanical Engineer by profession with expertise in biogas production. In 2017 he leased a plot of land from the agriculture department with the intention of doing biogas production. While preparing for that project he started planting crops and that was the starting of **Simmons Farm**.

**Simmons Farm**, started in the year 2017 doing a variety of crops with no intention that the farm would have grown to what it is now. What started as a hobby or extra activity was now seeing financial gains, hence the reason for its expansion into a business venture.

## PROJECT FUNDED BY THE MEXICAN AGENCY FOR INTERNATIONAL DEVELOPMENT COOPERATION



**Small Island Developing States (SIDS) Project using an integrated Water Energy Food Nexus approach.**

**The objective of the project is to promote and increase food production and security in the Caribbean through improve water and energy management in addition to increase in resilience to climate change.**

## OUR SPECIALTY



Seasoning peppers



Colored peppers



Watermelons

# ACHIEVEMENT

2023 calendar Farmer for watermelons in the Caribbean

## TARZAN WATERMELON

- ✓ Medium sized weighs up to 22 lbs (10 kg)
- ✓ Vigorous vines
- ✓ Adapted to rain & dry seasons
- ✓ Good disease tolerance
- ✓ Over 1 month storage ability
- ✓ Excellent for shipping
- ✓ High brix content (very sweet)
- ✓ Early Maturity (75 days from planting)



**Simmons**  
PREPPER FRUIT & VEGETABLE FARM  
FOODS ARE PRODUCED FROM 1988-2023

**ALL NEW SUGAR BABY HYBRID**

**TARZAN**  
WATERMELON

ANTIGUA

Photo Credit: Itajah Simmons  
SIMMONS PREPPER FRUIT AND VEGETABLE FARM, ANTIGUA WI

Caribbean chemicals AND AGENCIES LIMITED

Instagram YouTube TikTok



# WATERMELON PRODUCTION





# PEPPER PRODUCTION OPEN FIELD DRIP IRRIGATION





# HARVESTING TECHNIQUE



# PRODUCTS USED IN SEEDLING PRODUCTION



# DRONE TECHNOLOGY



# Thank you

