



INTERNATIONAL YEAR OF  
**PLANT HEALTH**

2020

# *Maintaining Clean Seeds*



The Caribbean Agricultural Research and Development Institute (CARDI) conducts work in maintaining clean seed material for corn, beans, peanuts, pumpkin, table squash and hot peppers. Belize focuses on corn, beans and peanuts while Antigua & Barbuda focuses on pumpkin, table squash and corn. Hot peppers are conserved and reproduced across three units: Barbados, Belize and Antigua & Barbuda. To ensure clean seeds the following techniques are used:

- Seed quality assurance through selection of appropriate fruit
- Grading, pulping and drying of seeds
- Germination rate assessment
- Packaging for local sale

Belize has the following varieties in cultivation and storage:

Small Red beans	Small Black beans	Biofortified Beans	Corn
Jalacte Red (preferred on local Belize market)	MH-432	Currently evaluating Zinc and iron improved varieties (project funded by IICA, CARDI, MoA Belize, CIAT & Harvest Plus)	MB6 (white corn)
RS813-25	RBF-1160		YC001 (yellow corn)
Deorho (preferred on local Belize market)	ICTA Ligero (highest yielding and preferred on local Belize market)		Open pollinating yellow, white and purple corn are kept in storage
X-RAV	Talamanca		
Centapipil (highest yielding)	Jalacte Black		
UI-239	Zoro (preferred on local Belize market)		
Amadeus-77	SEN-89		
Vax-6	Inta Cardenas		



Antigua & Barbuda Maintains local Antigua pumpkin seeds, local table squash seeds and yellow corn (variety 'YC001). In 2019, approximately 81 kg of good quality corn seeds were produced, 3.75kg of pumpkin seeds and 140 kg of table squash were harvested for seed extraction.

All CARDI produced seeds can be purchased by contacting CACSH



**Caribbean Agricultural Commercial  
Services Hub Limited**

**P.O. Bag 212,  
University Campus,  
St Augustine,  
Trinidad, W.I.**

**Tel: 868-645-1205/7,  
3573, 8120, 8121  
Fax: 868-645-1208**



**CARDIcaribbean**  
Website: [www.cardi.org](http://www.cardi.org)