



REGIONAL MARKET BRIEF

# Broccoli & Cauliflower

Broccoli (*Brassica oleracea var. italica*) and Cauliflower (*Brassica oleracea var. botrytis*) are both members of the *Brassica oleracea* species, renowned for their nutritional richness and culinary versatility. With the region's growing focus on promoting healthy eating habits and increasing demand from the hospitality sector, IESC is supporting farmers' capacity through demonstration farm-based trainings and other technical assistance to meet the growing demand for produce like Broccoli and Cauliflower.

## About CAPA

A USAID-funded program, implemented by Improving Economies for Stronger Communities (IESC), focused on enhancing regional food security by increasing fruit and vegetable productivity, building the capacity of buyers and input suppliers, to strengthen relationships with farmers, and improving farm-level extension systems.

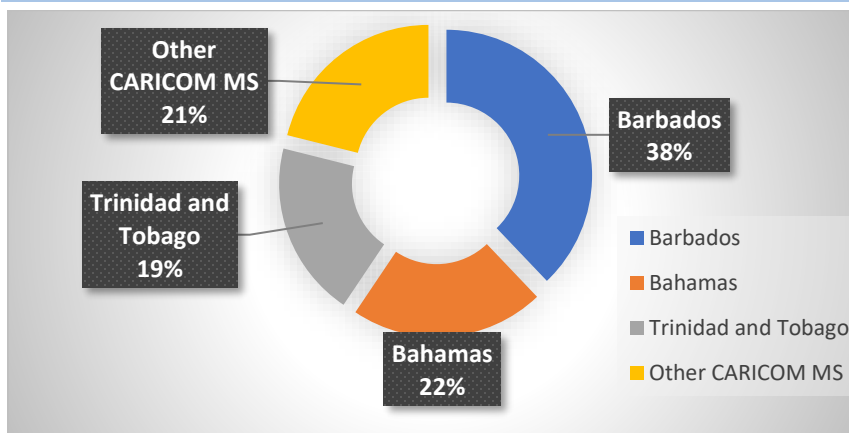
CAPA is being implemented in Barbados, Dominica, Grenada, Guyana, Saint Lucia, Saint Vincent and the Grenadines, Suriname, and Trinidad & Tobago.

- **Objective 1:** Increase smallholder market-led production of fruits and vegetables.
- **Objective 2:** Improve domestic and regional market linkages for smallholder farmers.
- **Objective 3:** Strengthen public/private sector extension skills, capacity, and systems to transfer best practices to smallholder farmers.

## Import quantities and values.

Three CARICOM Member States, Barbados (38%), Bahamas (22%), and Trinidad and Tobago (19%), accounted for approximately 79% of all regional imports between 2018 and 2022 (Figure 1). Average annual imports for these three countries were US \$9 million.

**Figure 1:** Imported values of Broccoli and Cauliflower by percentage by CARICOM Member States over the period (2018-2022).



Intra-regional trade for Broccoli and Cauliflower remains limited.

Explore intricate details on the next page, where import dynamics and trends are uncovered.

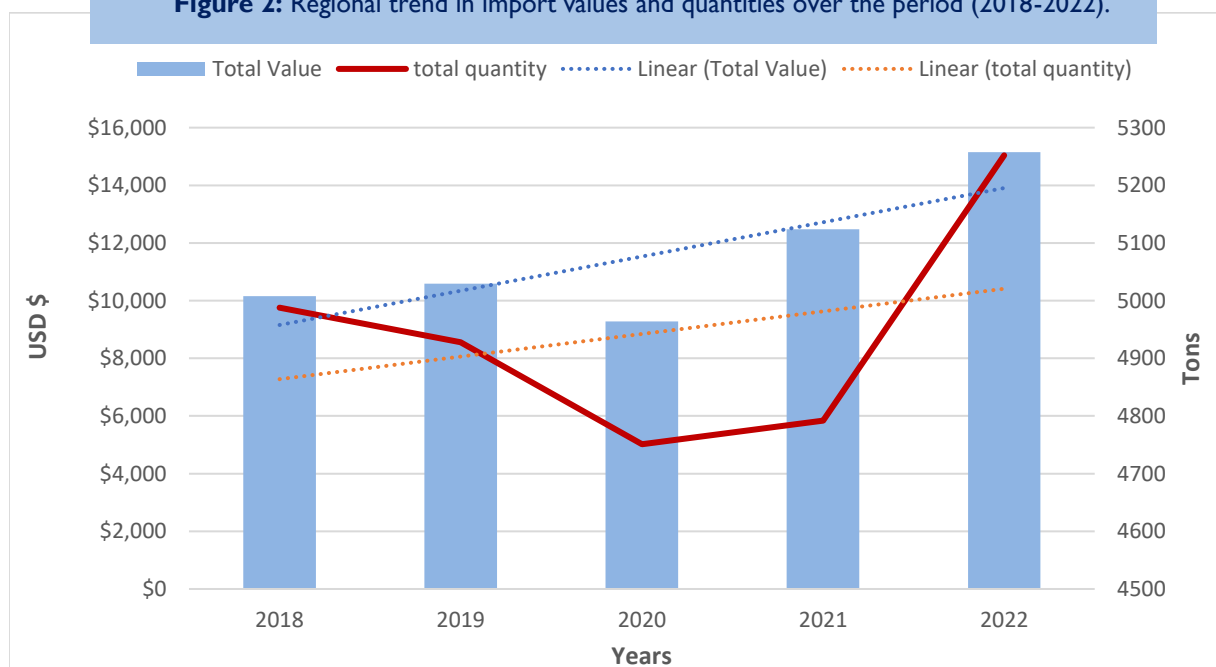


**Table I:** Total and Average values and quantities of Broccoli and Cauliflower imported by CARICOM Member States over the period (2018-2022) in US \$'000 and Tons, respectively.

Importers	Total Import Value US \$'000	Average Import Value US \$'000	Total Import Quantity (Tons)	Average Import Quantity (Tons)
Barbados	21,843	4,369	7,166	1,433
Bahamas	12,411	2,482	4,058	812
Trinidad and Tobago	11,237	2,247	7,732	1,546
Antigua and Barbuda	3,993	799	1,691	338
Guyana	1,689	338	537	107
Jamaica	1,507	301	952	190
Saint Lucia	1,342	268	447	89
Grenada	1,324	265	462	92
Saint Vincent and the Grenadines	713	143	235	47
Belize	695	139	963	193
Dominica	294	59	117	23
Suriname	281	56	320	64
Saint Kitts and Nevis	233	47	0	0
Montserrat	67	13	31	8
Haiti	23	5	0	0
<b>Total</b>	<b>57,652</b>	<b>11,531</b>	<b>24,711</b>	<b>4,942</b>

Source: <https://www.trademap.org>

**Figure 2:** Regional trend in import values and quantities over the period (2018-2022).



Explore the regulatory and market requirements for importing and exporting broccoli and cauliflower on the next page.





## Import Requirements.

- Phytosanitary Risk Assessment (PRA) required for the first entry.
- Plant Certification (PC) issued after inspection and in accordance with conditions of the importing country.
- Surface disinfection and disinfestation required.
- Import Permit (IP) to be obtained before commodity leaves exporting country, valid for 60 days from the date of issue.
- Valid Import Permit with stipulations must be issued from the importing country to meet entry requirements.
- Use of pesticides must conform to the regulations of the National Plant Protection Organization (NPPO) and collaborating agencies.
- Certification of freedom from soil and pests of plant quarantine significance.



## Export Requirements.

- Phytosanitary Certification (PC) required, issued no more than 72 hours before export.
- Surface disinfection and disinfestation of the commodity by the exporter, overseen by a plant quarantine inspector.
- Traceability of production, processing, and distribution maintained. Notification must be given by existing pack house facilities to the NPPO/Plant Protection Unit in the Ministry of Agriculture to ascertain pack house requirements.

## Regulatory Regimes/Market Requirements

### Quality Requirements:

Broccoli and Cauliflower must be intact, sound, clean, fresh in appearance, practically free from pests and damage, and free of abnormal external moisture and foreign smell/taste. The floral stem cut must be clean, and hollow stems are acceptable if sound. Two classes exist:

**Class I:** Good quality, firm, compact, tightly-grained, with fully closed buds, and free of defects such as stains or traces of frost.

**Class II:** Slightly less compact, with buds practically closed, and may have slight defects in shape or colouring.

**Sizing:** Size is determined by the diameter of the floral stem or head, with minimum requirements specified. Uniformity in size is not required for prepacked or bunched produce.

**Tolerances:** Tolerances are allowed for quality and size deviations. For both classes, a total tolerance of 10% is allowed for produce not meeting class requirements. Quality tolerances differ slightly between Class I and II.

**Uniformity:** Each package must contain uniform Broccoli and Cauliflower of the same origin, variety, quality, and size. For mixtures of different colours, uniformity in quality is required, but size uniformity is not necessary.

**Packaging:** Broccoli and Cauliflower must be packed to protect it properly, with materials free from foreign matter and damage-causing substances. Crushed ice, if used, must not cause water to accumulate around the heads. Packages must be clearly marked with identification details (packer/dispatcher, nature of produce, origin, and commercial specifications) in legible and indelible letters.

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