



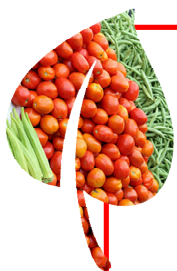
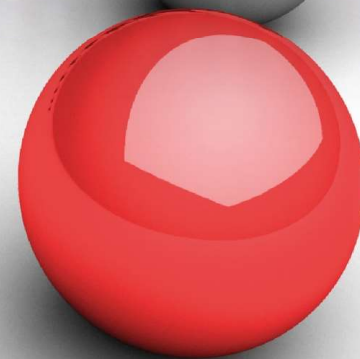
TRINIDAD AND TOBAGO BUREAU OF STANDARDS

National Standard

TTS 648:2020

Good Agricultural Practices – Fresh Produce
Requirements

*Fostering Excellence,
Improving Lives*





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GAP Context

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The Standard was developed in collaboration with NAMDEVCO and support from IICA

Aligned to the strategic level objectives outlined in the National Food Safety Policy 2018-2023, National Quality Policy 2018-2030 and the Trinidad and Tobago Trade Policy 2019-2023.



To build and assure food safety and quality for primary production of fresh produce. aimed by establishing minimum requirements for preventing or minimizing the risks of hazards to food, the environment, worker health, safety and welfare.



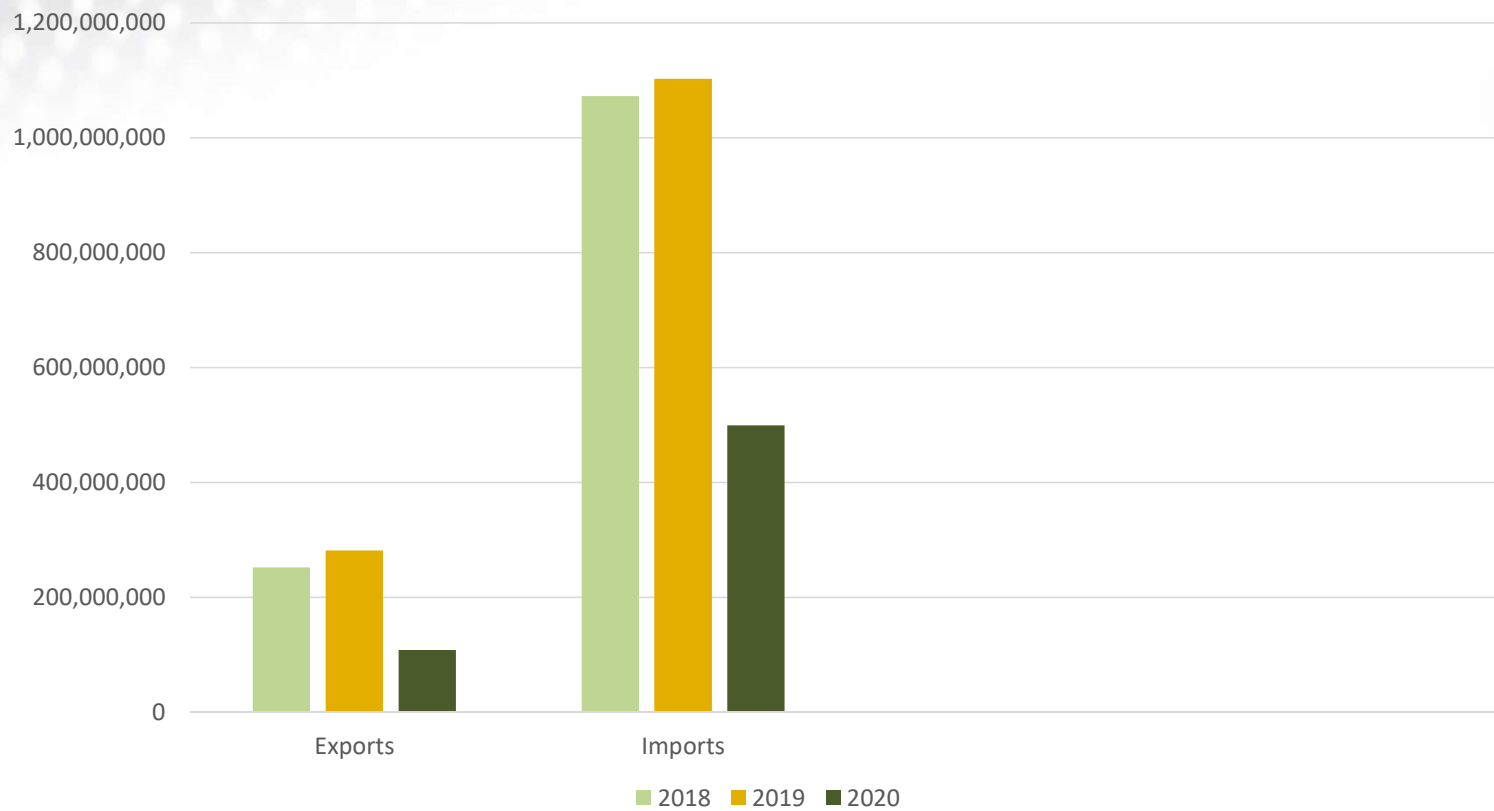
Enhance the international reputation of Trinidad and Tobago for producing good quality and safe fresh produce.

Have a positive impact on the trade and competitiveness of the country's primary agricultural products.



GAP Context

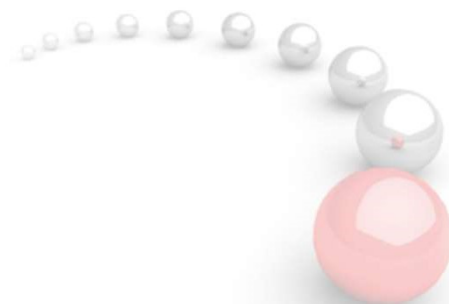
Exports/Imports of Fruit & Vegetables (TTD)



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GAP Context

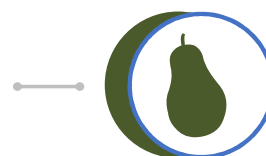
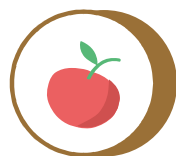


Trinidad and Tobago is a net importer of fruits and vegetables

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2018 Imports ~ 2 %
(TTD 1,072,317,319)



2018 Exports – 0.38 %
(TTD 251,862,685)

2019 Imports – 2.59 %
(TTD 1,102,326,152)

2019 Exports – 0.58 %
(TTD 281, 661,078)



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Good Agricultural Practices

Collection of principles, standards and technical recommendations that apply to on-farm production on through to post-production processes, resulting in safe and healthy food and non-food agricultural products, while taking into account economic, social and environmental sustainability

GAP Principles



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Worker
wellbeing

Environmental
protection

Food safety
& quality

Economic
sustainability



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GAP Standard

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'A standard is a document that provides technical specifications or other precise criteria to be used constantly as rules, guidelines or definitions of characteristics, to ensure materials, products, processes and services are fit for their intended purposes'.

It is a formal document established by consensus and published by a recognized body. The requirements are voluntary.



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GAP Standard

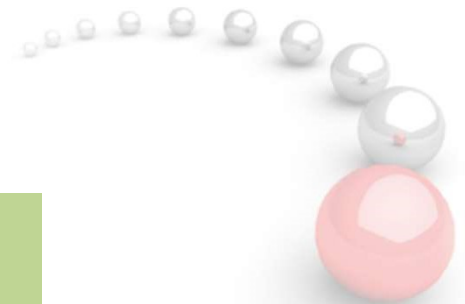
TTS 648:2020

Good Agricultural Practices – Fresh Produce – Requirements

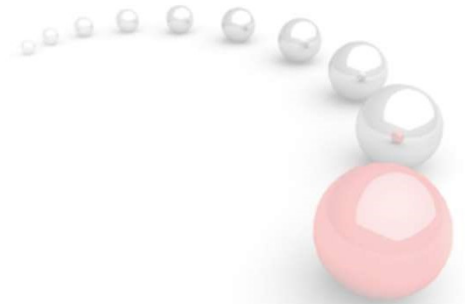


Establishes minimum requirements of good agricultural practices for fresh produce, inclusive of fresh fruits, vegetables, herbs, spices and root crops, at production, harvesting, post-harvest handling, packaging, storage, or transportation stages and where offered for sale or supply for direct consumption or further processing

Generic: applies to all farms, packing facilities, production system, size or complexity.
No processed foods



GAP Requirements

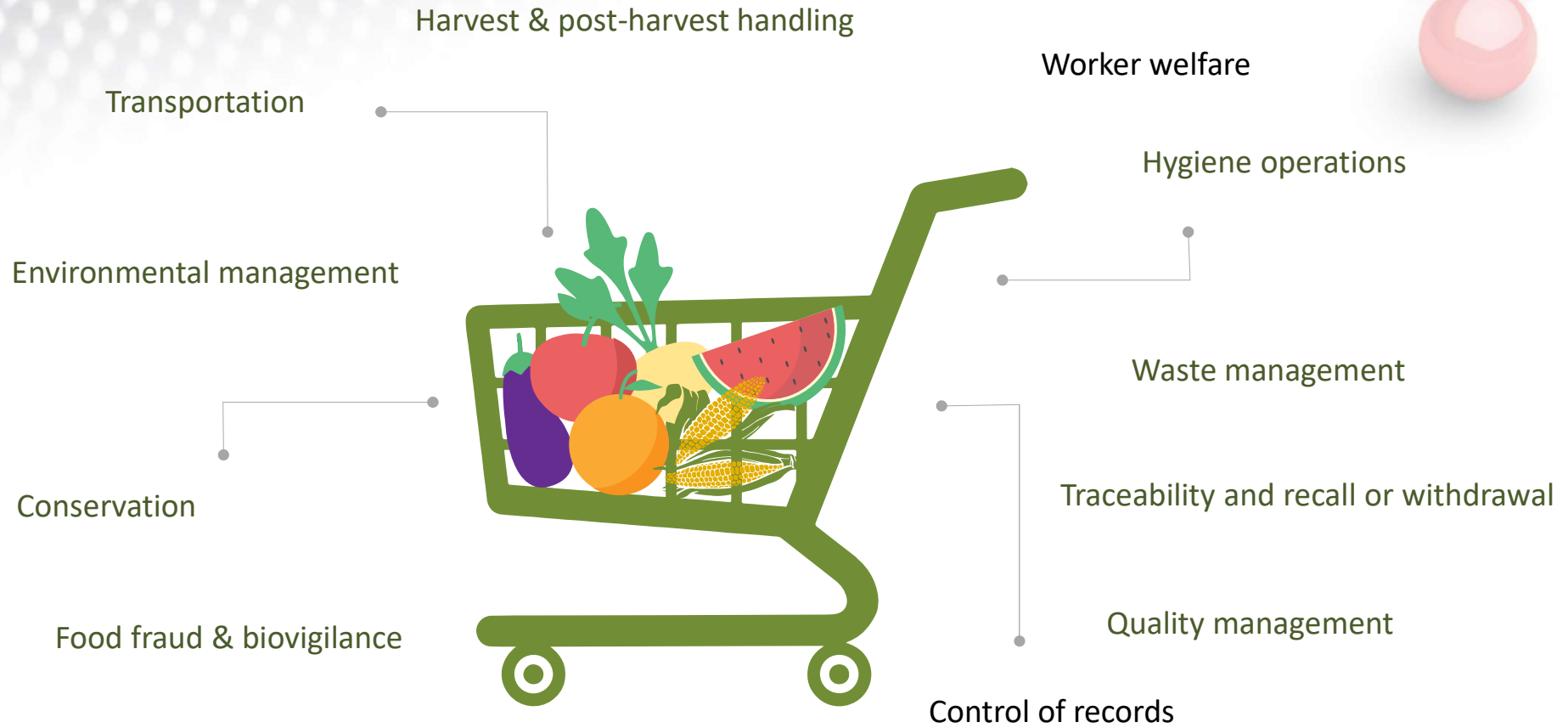


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GAP Requirements



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GAP Management Responsibility



Legal obligations



Resource provision



Risk assessment



Internal assessment and
external audits

Commitment to
food safety and
worker welfare
and safety

Implement Food
safety plan

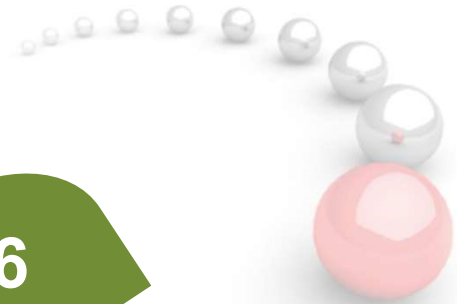
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GAP Risk Assessment



Production sites

Determine the risks posed to food safety by the history of previous use of the site and adjacent agricultural and non-agricultural activities

Environmental siting

Determine the risk of causing environmental harm on and off the site

Hygienic practices

Conducted for activities carried out at production, harvest and post-harvest

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Organic fertilizer use

Chemical and biological contamination of produce from the use of organic fertilizers for each crop produced

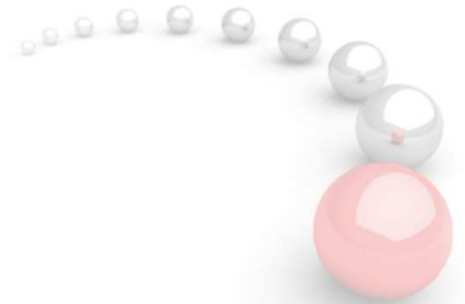
Worker health and safety

Conducted for activities carried out at production, harvest and post-harvest

Water source, storage, distribution and irrigation

Identify potential hazards and potential environmental impacts from each water source, water distribution and irrigation systems

GAP Worker Welfare



Training



Working
conditions



Health
and safety



Personal
hygiene



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GAP Quality Management

POLICY

A food safety policy
Practices to ensure quality

COMPLAINTS

Implement complaints procedure
Record, follow-up and resolve
complaints



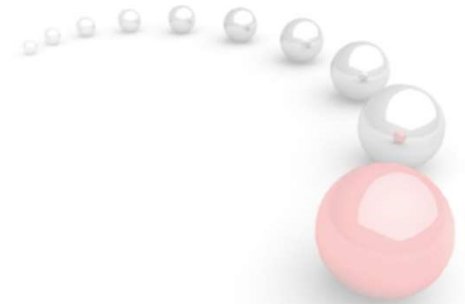
DEVIATIONS

Minor deviations = Correction
Major deviation = Corrective action
Records

SELF ASSESSMENT

Internal assessment at least once
per year
Records

Look at the system and include the interaction of processes



GAP Records & Review



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All records, inclusive of risk assessments, procedures, plans and policies shall be maintained, easily retrieved and in a readable format.

Control of Records

Records kept a minimum period of at least three years

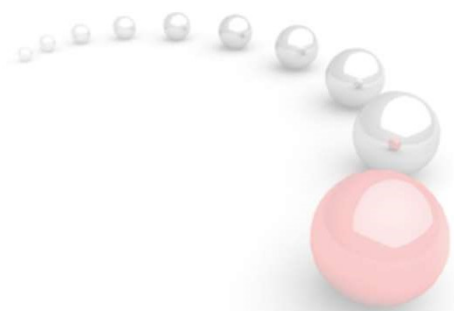
All practices shall be reviewed at least annually to ensure continuing suitability, adequacy and effectiveness of the practices

Review

A record shall be kept to show that all practices have been reviewed and any corrective actions documented



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GAP Other Requirements

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Conservation

Farm activities shall comply with national regulations covering protected plant and animal species to ensure that protected species are not damaged

Measures should be used to manage wild animals and environmental pests

Traceability/Recall

A documented traceability and recall system that allows all produce to be traced one step backward and one step forward from production, shall be in place, in the event of a recall or withdrawal

A record shall be kept of the date of supply and destination for each consignment of produce

Food Fraud/Biovigilance

The risks posed by potential acts of food fraud sabotage, larceny, vandalism or bioterrorism should be assessed and appropriate preventive measures implemented

Document the risk assessment and the mitigation measures implemented

GAP Benefits



PRODUCER

- Economic costs and benefit
- Access to new/expanded markets
- Knowledge transfer
- Improved worker conditions
- Improve overall competitiveness



CONSUMER

- Easier product identification
- Safer products
- Improved confidence in purchases



PURCHASER

- Product confidence
- Market brand recognition



NATIONAL

- Support in building quality infrastructure and institutional capacity
- Improves national economy
- National standard allows for recognition by import countries
- Enhance the international reputation of Trinidad and Tobago



GAP Benefits



To obtain the benefits of GAP there needs to be a process for assurance of the product safety and quality

Certification

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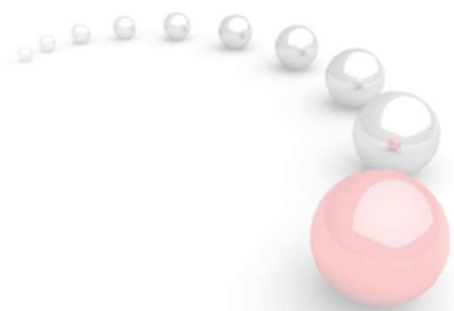


Thank you

662-TTBS

Standards Information Centre

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