

**Packaging solutions  
that protect and  
preserve your harvest  
and the environment.**









# We help you reduce your environmental footprint

Whether you're a grower, packer, or retailer, Cascades is your partner of choice for recyclable packaging made from recycled materials and developed according to sustainability criteria.

We believe that there's always a better way to do things. From the recovery and management of residual materials, to the process of packaging and protecting your

products, our circular business model allows us to bring a new life to waste cardboard and plastics.

Every day, we take concrete action to be responsible and innovative, while also creating value for you. We're leading the way in terms of sustainable solutions, which helps us contribute to your success and reduce your environmental footprint.



In 2020, Cascades was recognized as one of the 100 Most Sustainable Corporations in the World, according to Corporate Knights.







# Our complete multi-material offer



With 55 years of experience in recovery, we know the full potential of the materials we transform. Whether it be for recycled plastic or cardboard, we work tirelessly to develop innovative and sustainable products and processes in an effort to reduce the environmental footprint of packaging.

We create complete packaging solutions that meet the specific needs of the entire supply chain. Whether for primary or secondary packaging, our solutions help preserve and protect fruits and vegetables from harvest to table.

Choosing Cascades means accessing a complete and sustainable multi-material offer that fulfills all your packaging needs, from harvest to table.





## Sustainable materials

Made from 100% recycled fibres.

## Food safe

Materials compliant with FDA and Health Canada requirements. BPA free. PFAS free.

## Recyclable coating

100% recyclable water-based moisture barrier.

Cascades  
**fresh**  
FIBRES

# 100%

## RECYCLED MATERIAL

CARDBOARD TRAY



CARDBOARD



## 100% RECYCLED CARDBOARD TRAYS

First recyclable packaging solution for fresh fruits and vegetables made from 100% recycled fibres.

Our cardboard trays are made from 100% recycled fibre certified<sup>1</sup> by the Forest Stewardship Council® (FSC®). Their water-based coating contains neither wax nor plastic. Yet it performs as well as those materials while still being recyclable.

### ■ Reduced environmental footprint

Manufacturing 100% recycled cardboard, such as that used to make this tray, generates 54% less waste, consumes 58% less water, emits 81% less greenhouse gases, and uses 41% less energy than producing virgin-fibre cardboard.<sup>2</sup>

<sup>1</sup> Licence FSC® C002973  
<sup>2</sup> Environmental Paper Network Paper calculator Version 4.0.

### ■ Optimized operations

Made with a rigidity optimized for packaging on high speed operations, our cardboard trays are also designed to be compatible with automated denesting equipment.

Additionally, these trays are designed to fit perfectly in our corrugated produce trays.

### ■ Patented SurfSHIELD® Plus coating

This coating meets the specific needs of the fruits and vegetables market, as it enables the cardboard to withstand moisture while remaining recyclable.

## Customizable model available

The customizable cardboard tray is designed with the same patented water-based coating. Its depth and customizable size give it versatility, while its rustic and natural look adds to its appeal.





## Sustainable material

Made from 100% recycled materials.



## SQF-certified facilities

Meet the highest standards of the food industry.

## Food safe

Materials compliant with FDA and Health Canada requirements.

**Cascades**  
**fresh™**  
PERFORMA

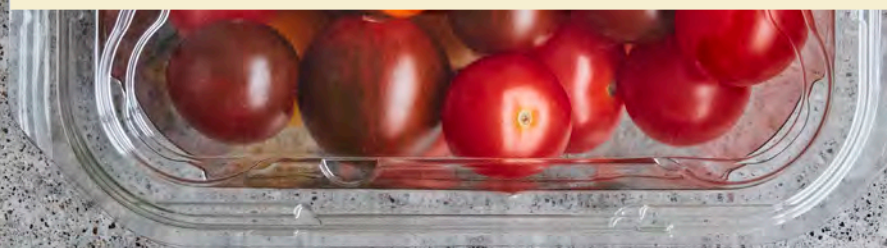
# 100%

## RECYCLED MATERIAL

PET  
TRAY



PET



## Custom solutions

Designed to fit your needs.





## 100% RECYCLED PET CUSTOMIZED CONTAINERS

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Protect your fruits and vegetables while reducing your environmental impact with recyclable containers made of 100% recycled PET.

Our team of experts leverages our modeling and simulation tools to develop appealing, innovative and sustainable packaging that perfectly meets your most stringent technical requirements. The use of 100% recycled PET ensures that the environmental impact of your packaging is minimized.

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### **Reduced environmental footprint**

Our design expertise allows us to create high-performance packaging that requires the least material possible. Additionally, using PET in the production of our containers makes them easily recyclable, helping to reduce their environmental impact even further.

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### **Optimized operations**

Our packaging solutions can be denestable, making them suitable for use in automated processes to ensure the efficiency of your operations.

Many other options are available, depending on your needs: clamshell, stand-alone cover, tamper-evident closing, top seal, and more.

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### **Maximum shelf life**

From perfectly sealed containers for modified atmosphere packaging to ventilated solutions, the possibilities are endless. We develop the ideal protection with you to keep your products fresh for as long as possible.

## Complementary solutions

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Choose our boxes and trays to transport your PET containers the entire length of your supply chain, ensuring that your produce reaches its destination in perfect condition.



## Sustainable design

Made from 20% less material.

## Food safe

Materials compliant with FDA and Health Canada requirements.

## SQF-certified facility

Meets the highest standards of the food industry.

*Cascades*  
**fresh**  
PERFORMA

# 100%

## RECYCLED MATERIAL

LDPET TRAY



LDPET

## Wide selection

Available in many sizes and colours.



## 100% RECYCLED LDPET TRAYS

Get the performance you desire while reducing your environmental impact with our recycled low-density PET trays.

These trays, made entirely of recycled materials and designed to reduce their weight by 20%, perform just as well as comparable trays made of virgin materials, thanks to our rigorous innovation process. They are optimized to have the rigidity necessary to meet the toughest requirements of any supply chain.

### **Reduced environmental footprint**

These trays are designed for maximum rigidity. What's more, using Cascades' proprietary LDPET technology in the manufacturing process also makes them 20% lighter than comparable trays.

### **Optimized operations**

These trays are engineered for wrapping with stretch film thanks to their pliable edge, which prevents damage to wrapping equipment and reduces the risk of film tear.

## Complementary solution

Choose our corrugated trays to transport your LDPET containers the entire length of your supply chain, ensuring that your produce reaches its destination in perfect condition.





### Sustainable material

Made of 50% recycled content.

### SQF-certified facility

Meets the highest standards of the food industry.

### Food safe

Made from materials compliant with FDA and Health Canada requirements.

### Two grades

Choice of processor and retail-grade trays, with or without absorbent pad.

Cascades  
**fresh**  
PERFORMA

50%

RECYCLED  
MATERIAL

POLYSTYRENE  
TRAY



### Wide selection

Available in various sizes and colours.



## 50% RECYCLED POLYSTYRENE TRAYS

First polystyrene trays made from 50% recycled material in North America.

Cascades actively contributes to its customers' success by offering them sustainable packaging solutions. Our polystyrene trays consist of 90% air and 10% material, 50% of which is recycled.

### Reduced environmental footprint

Because they are made from 50% recycled content, manufacturing these trays has a 43% smaller impact on climate change and requires 49% less non-renewable resources than making trays from virgin polystyrene only.

CARBON FOOTPRINT RESULTS (IN % OF VIRGIN PS)



In this graph, each column is expressed as a percentage of the virgin PS tray carbon footprint, which is set to 100%.  
Source: Life Cycle Assessment of Cascades trays, Groupe AGECO, Montreal, January 2020.

### Optimized operations

Although they are made of recycled material, they perform just as well as trays made from virgin material. That's because our rigorous development processes guarantee you reliable, quality products.

### Versatile solution

Our recycled polystyrene trays are suited for all kinds of vegetables. They come in a variety of sizes and colours to perfectly meet your needs.





## Sustainable material

100% recycled content.



**Cascades**  
**fresh**  
**PERFORMA™**

**100%**

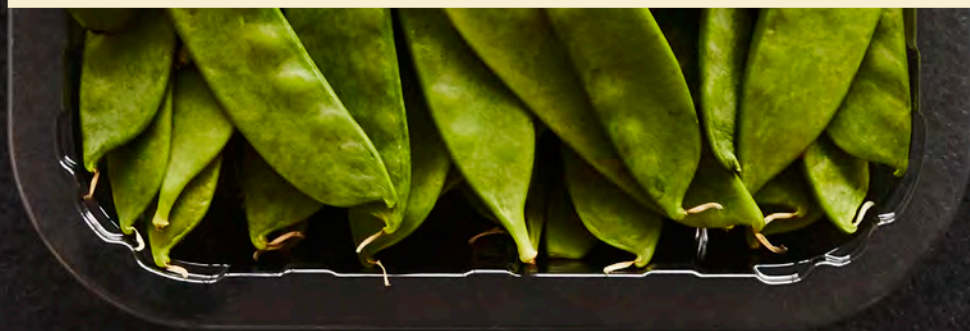
**RECYCLED MATERIAL**

PET ROLLED  
RIM TRAY



## Performance

Optimized design for increased stiffness.



## SQF-certified facility

Meet the highest standards of the food industry.



## 100% RECYCLED PET ROLLED RIM TRAYS

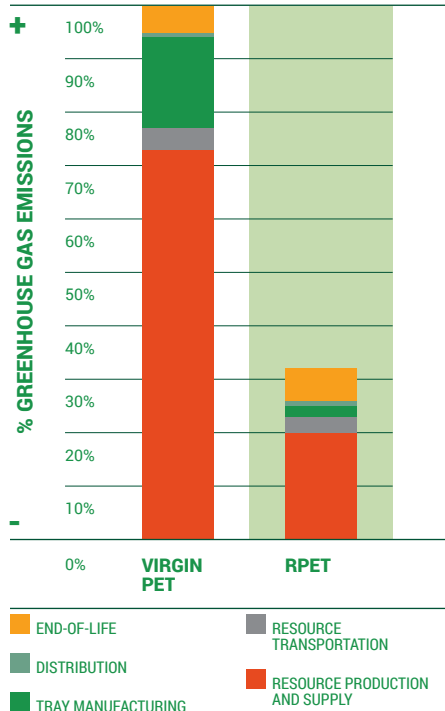
The first recyclable trays with rolled rim technology made from 100% recycled material.

Designed to work properly on packaging equipment operating at high speed, these recyclable rolled rim trays showcase your products without requiring any change to your operations, all while minimizing your environmental footprint.

### Reduced environmental footprint

Because they are made from 100% recycled material, manufacturing these trays has a 69% smaller impact on climate change than making trays from virgin PET only. They are also recyclable.

**CARBON FOOTPRINT RESULTS  
(IN % OF VIRGIN PET)**



In this graph, each column is expressed as a percentage of the virgin PET tray carbon footprint, which is set to 100%.  
Source: Life Cycle Assessment of Cascades trays, Groupe AGECO, Montreal, January 2020.

### Optimized innovative design

This line of trays has been carefully designed to maximize stiffness therefore minimizing the risk of warping. With their rolled rim, they are perfectly suited for any stretch film overwrap application. Their design prevents film tear, thus reducing potential losses and rewinding needs.





**New customizable  
cardboard handle**  
with your logo.

**Patent  
pending**

**Colour  
printing**  
that catches  
consumers' eye  
and highlights  
your products.







## BASKETS

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Because we're always at the head of the pack when it comes to recycled and sustainable innovations, Cascades offers you a cardboard basket option that makes recycling easy and helps reduce your environmental impact.

### Features that benefit you

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-  Redesigned basket that retains its shape once filled so you can better control the quantity of products placed during the filling process.
-  Multiple standard sizes are available, and we can also manufacture custom sizes to meet your needs and suit a specific variety.
-  Each basket's components are made from recycled fibres and are 100% recyclable. Upon request, they can be certified<sup>1</sup> according to Forest Stewardship Council® (FSC®) standards.
-  Cascades gives you access to different types of printing technology that will help meet your objectives.

<sup>1</sup> Licence FSC® C018029

### Complementary solution

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Choose our corrugated cardboard trays to transport your baskets along your entire supply chain, ensuring that your products reach their destination in the best condition possible.





**Made from  
recycled fibres,**

100% recyclable.

Can be certified<sup>1</sup> by the Forest  
Stewardship Council® (FSC®)  
upon request.

**Colour printing**

that catches  
consumers' eye  
and highlights  
your products.



**Easily  
stackable**  
for better  
stability.



## PRODUCE TRAYS

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Whether you need to accommodate several types of primary containers or you're directly transporting bulk fruits and vegetables, our produce trays provide the protection needed to ensure proper transportation and handling throughout your entire supply chain.


### Stand out from the pack


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Produce trays are regularly placed directly on the retail floor in the fresh produce section, so colour printing is key to helping you stand out and attract the customer's attention. Cascades gives you access to several types of printing technology: digital, lithographic and flexographic. Our experts will guide you at every step to ensure you get the most advantageous use of our technology.

### Plenty of options to meet your needs

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 To help you keep costs to a minimum, we offer you an eye-catching generic visual to which we can add your logo and contact details. You can also opt for a custom visual to serve as the perfect reflection of your brand.

 In addition to standard dimensions, which allow you to optimize space on pallets, we can also design with custom dimensions to meet the requirements of specific varieties.

 For heavy or fragile products, or to better withstand multiple forms of handling and transportation, we can advise you on the sturdiness options available to you.

<sup>1</sup> Licence FSC® C018029

## Complementary solutions

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Our produce trays complement all of our baskets and food trays, making transportation and handling easier at every step of your supply chain.





Corrugated cardboard's **integrated cushioning** acts as a natural protector.

**Ventilation holes** for good air circulation.

**Made from recycled fibres,** 100% recyclable.  
Can be certified<sup>1</sup> by the Forest Stewardship Council® (FSC®) upon request.

**Lower lock system** for better resistance during handling.







## VEGETABLE BOXES

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Harvesting and storage conditions, weight, shape and fragility are all important factors to consider when selecting your packaging. You can count on Cascades' expertise to provide you with solutions that will meet your specific needs.

### Optimum protection

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-  Produce boxes are available in several sizes and styles, depending on your requirements: half flaps, full flaps, or telescopic style.
-  If your products require a humid or cold environment, or contact with water, we offer barrier options to ensure proper preservation.
-  For increased sturdiness, we offer stronger options such as double walls and different board combinations.
-  To help you keep costs to a minimum, we offer you an eye-catching generic visual to which we can add your logo and contact details. You can also choose a personalized visual.

<sup>1</sup> Licence FSC® C018029

### Complementary solution

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For added protection, especially during long haul shipping and exporting of your goods, add cardboard separators between rows.





**Add your logo**  
on our generic design  
or completely customize  
with your own graphics.

**Made from  
recycled fibres,**  
100% recyclable.  
Can be certified<sup>1</sup> by the Forest  
Stewardship Council® (FSC®)  
upon request.



**Ventilation  
holes**  
for good air  
circulation.







## BULK BINS

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For harvesting heavier bulk crops that require increased strength, larger bins are essential. To ensure flawless delivery, trust Cascades' expertise to offer you an optimal solution that combines sturdiness, lightness, durability and visual appeal.

### The strength you need

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-  Whether you require a sleeve, a triplewall, staples, extra belts or reinforcement corners, we'll be able to offer you the appropriate level of protection.
  -  Multiple sizes and standard dimensions are available, in both square and octagonal form, or using custom dimensions according to your specific needs.
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-  For additional protection, bulk containers can be fitted with lower and/or upper covers or flaps, as well as ventilation holes.
  -  To help you keep costs to a minimum, we offer you an eye-catching generic visual to which we can add your logo and contact details. You can also choose a fully customized visual, either directly on the box or on a fitted sleeve.

<sup>1</sup> Licence FSC® C018029

























































## RECOMMENDATIONS BY VARIETY

The table below shows which packaging is most suitable for the most popular varieties of fruits and vegetables.

Please contact our experts to ensure you find the packaging solution best suited to your needs.

PRODUCTS	APPLES	POTATOES	ONIONS	CARROTS	MUSHROOMS	CABBAGES	BLUEBERRIES / STRAWBERRIES	GRAPES	MELONS	CHERRIES
BASKETS							 	 		 
PRODUCE TRAYS					 					
VEGETABLE BOXES	 	 	 			 				
BULK BINS									 	
CARDBOARD TRAYS										
LDPET TRAYS					 					
POLYSTYRENE TRAYS										
PET ROLLED RIM TRAYS										
PET CUSTOMIZED CONTAINERS										







## COMPLEMENTARY PRODUCTS

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In addition to Cascades Fresh™ packaging solutions, we provide a wide range of products through Cascades Protect™ and Cascades IMGN retail solutions™ that will meet your needs for consumer appeal or additional protection.



Maximize your impact at points of sale by capturing consumers' interest with our colourful Cascades IMGN retail solutions™. Our cutting-edge technologies, ranging from digital, lithography to seven-colour flexography, will help you convey powerful messages on packaging, displays, and more.

Our Cascades experts can assist in developing retail display solutions that will make your products stand out even more.



The Cascades Protect™ family includes packaging and accessories to protect your products, your pallets, and your full load, both during transportation and while being handled at the warehouse.

Multiple box types are available within this family, including our northbox® insulated boxes designed for shipping temperature-sensitive products directly to consumers.





## AN EXPERIENCED PARTNER AT THE FOREFRONT OF THE INDUSTRY

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Founded in 1964, Cascades offers sustainable, innovative and value-added solutions for paper, packaging, hygiene, and recovery needs.

Operating in six countries across two continents, with more than 90 production units and 12,000 employees dedicated to your success, Cascades contributes to the well-being of people, communities and the planet.

Every day, we play an essential role in the success of our customers. What makes us most proud is being able to outdo ourselves for the sake of our customers – to innovate for and with them.

Cascades realizes the full potential of material, people and ideas.

We are a source of possibilities.

## CONTACT

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Contact us to find out more  
or to receive an estimate.

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