

# A NEW SOLUTION FOR A SUSTAINABLE WORLD

EcoGiró is the brand through which Giró expresses its compromise with environment and sustainable development. As market leader in net packing solutions, Giró is focused in the research of environmental friendly materials and packing technologies to be applied to the fresh produce packing industry.

Giró offers a complete range of solutions grouped into three programs in order to satisfy all the segments of the demand.

## GIRÓ SUSTAINABLE PACKAGING LINE-UP

|                                       |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                                       |  |  |  |  |  |  |  |  |  |  |  |
| <b>Standard Program</b><br>(0-5kg)    |  |  |  |  |  |  |  |  |  |  |  |
| <b>Light Program</b><br>(0-4kg)       |  |  |  |  |  |  |  |  |  |  |  |
| <b>Compostable Program</b><br>(0-2kg) |  |  |  |  |  |  |  |  |  |  |  |

Coming Soon

|                   | <br>Standard Program   | <br>Light Program  | <br>Compostable Program   |
|-------------------|--|--|---|
| PACKAGING SYSTEMS | Our complete Line-Up: UB, GS, GP, WC, HB, GPS, WG, C2C                                   | Lighter packages: GP, GS (75/90), UB (75/90), PE-WG, C2C   | Compostable bags: WC, C2C and coming soon GP, GS, UB  |
| NETS              | Standard Knitted Net line-up<br>New Extruded Net Line-Up                                 | Use Ecogiró Light Nets<br>Use lighter colors / colourless net<br>Optimize net to pack weight   | Compostable nets<br>Can be discarded and recycled together with its organic contents<br>Can be turned into valuable compost   |
| PRINTS            | Standard films<br>Materials: GF, UP<br>Thickness: 280/320/360/450/550<br>Usual labelling | Thinner films (UP-210/250 for UB)<br>Use transparent film<br>Paper film as a 'natural feeling'<br>TT Print, avoid adhesive labels<br>PE labels for WG or C2C | Compostable labels<br>Can be discarded and recycled together with its organic contents<br>Can be turned into valuable compost |

# BENEFITS OF THE NET BAGS



|  |   |  |   |
|--|---|--|---|
|  | <b>RESISTANCE</b><br>Thanks to its special structure and composition, 1 gr of net can handle up to 1 kg reaching an excellent cost/resistance ratio.            |  | <b>PRODUCT ENHANCEMENT</b><br>Colour allows to highlight product's appearance, making it more attractive and thus more appetising for purchase. |
|  | <b>BREATHABLE</b><br>Net reticular structure allows the breathability of the fruit keeping all its features during much longer than other packing technologies. |  | <b>SUSTAINABLE</b><br>Net packaging is made of polyolefin, which is 100% recyclable, with a very low carbon footprint.                          |

# COMMITMENT TO THE ENVIRONMENT

With the continuous improvement of our processes and products, we turn sustainability into one of our top priorities.

- Green Energy Supply contract. All the electricity consumed by the Giró Group is generated from renewable energy sources and high efficiency cogeneration.
- We can use up to 30% of recycled material from the scrap of our production process.
- Company initiative to reduce waste and emissions.
- Implementation of a business culture committed to sustainability.



# ecogiró

## Sustainable Packaging Systems

|  |   |  |
|--|---|--|
| <br><b>STANDARD PROGRAM</b><br>Best material ratio: 1,8g per kg of content<br>100% Reciclable materials<br>Better product visibility and breathability<br> | <br><b>LIGHT PROGRAM</b><br>New variety of PE<br>Lighter material for greater sustainability<br>20% Less material and equivalent resistance<br> | <br><b>COMPOSTABLE PROGRAM</b><br>100% Compostable Packages<br>Compostable net and label<br>Use of Wineglass labels and C2C labels<br> |
|--|---|--|

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## ECOGIRÓ STANDARD PROGRAM

For more than 50 years, Giró has been committed to the environment, sustainable development and recycling. The unique breathability and visibility of the net bag not only makes product attractive, it is an extremely light package made with 100% recyclable materials. Giró net packaging systems has the best content/material ratio in the fast moving goods industry making them the most sustainable in the horticultural market.



This chart shows the weight of different types of packaging needed to contain 1 kg of product. In each type the usual range of values is indicated, taking into account that the packaging size and possible variants can significantly affect the weight of the pack to contain 1 kg of product.

### RECYCLABILITY STANDARD PROGRAM

From a purely technical point of view, any thermoplastic is recyclable, but from an economical point of view it is recyclable when there is a positive balance of the collect, classify and recycle process.

All the packaging systems included in the Standard Program are made of 100% PE tubular net and film that can be produced with different materials: PE+PE (GF), PP+PE (UP) or PET+PE (UB).

#### GIRO recommends the following:

| PE+PE (GF)   | PP+PE (UP)  | PET+PE (UB)   |
|--|---|---|
| For our well-known Girplus, Girsac and Girplusac packages. | For our Ultrabag, Ultrabag FSH, Girsac FSH, Window Ultrabag, Window Compact, Handle Bag, MiniBag. | Only in those cases where the image and the quality of the package prevail over any other priority. |

The use of labeling by thermal transfer (T.T.) avoids the use of adhesive labels made from other materials.

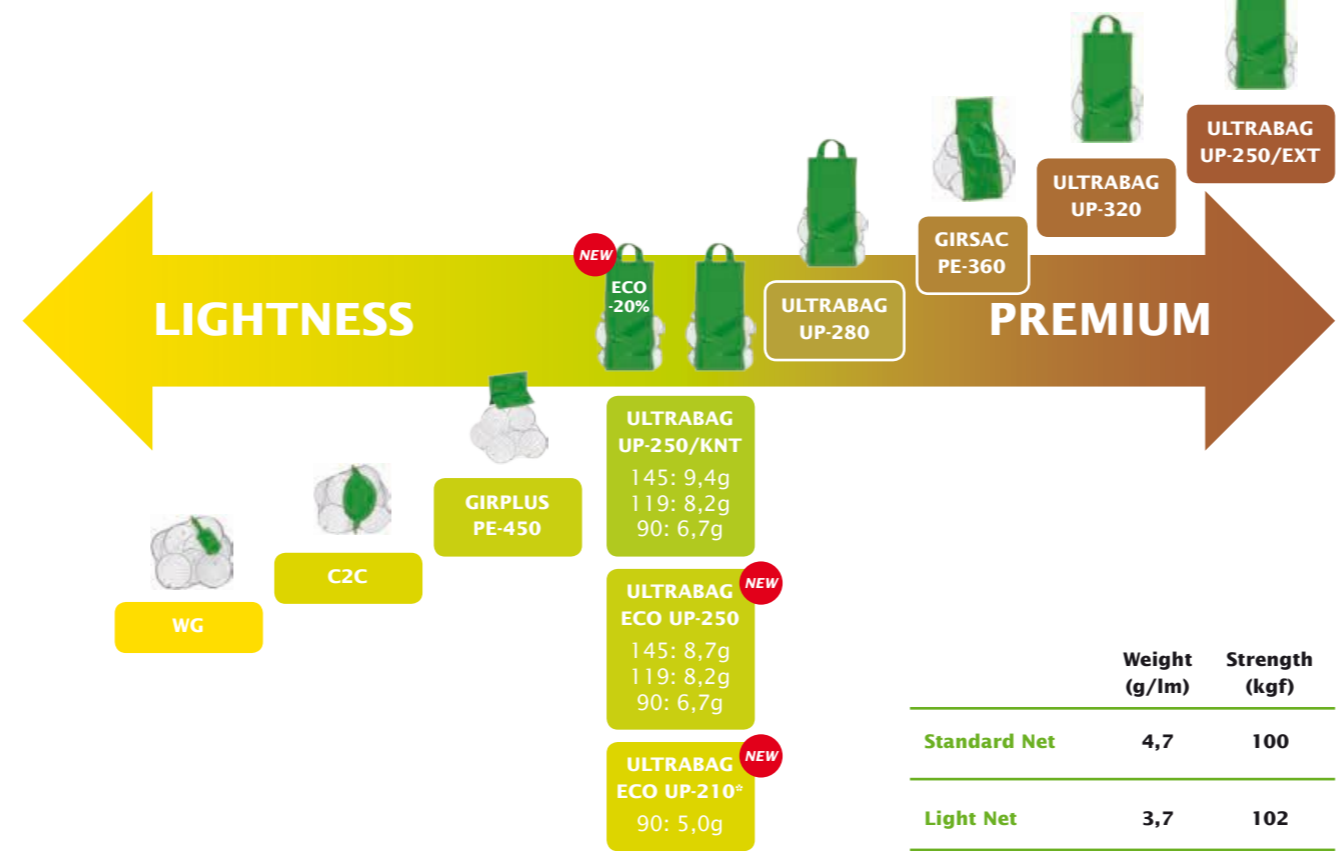


## ECOGIRÓ LIGHT PROGRAM

The new EcoGiró Light Program is focused on offering new alternatives to the market in order to reduce the possible environmental impact thru the production of low-weight packages.

- C2C packages made 100% with PE (need of labeling by T.T.)
- Packages with WG label of PE, also 100% PE and must be printed by T.T.
- Use of lower thickness films: we offer alternatives of 250 gg and 210 gg. Both proposals are perfectly valid for packages up to 1,5 kg of product.
- New «EcoGiró Light» net: produced with a new variety of PE that provides the same resistance by decreasing the weight of the net around 20%.

### PACKAGING WEIGHT FOR 1,5 KG CONTENT



### RECYCLABILITY LIGHT PROGRAM

The recyclability of this program is the same that the Standard program. The only difference is the use of an innovative net made with a new PE that allows a better strength/weight ratio. The top-of-the-line of this novelty is the capability of packing the equivalent weight of content using 20% less packaging with the same resistance. These nets possess lighter colors due to the use of less content of material.



## ECOGIRÓ COMPOSTABLE PROGRAM

Giró is involved in the development of a new range of compostable nets and labels in order to offer 100% compostable packages. Compostable bags must be deposited in the organic containers after its use.

### WHAT'S COMPOSTABLE?

The word compostable is used to define those materials which can be biodegraded by the action of microorganisms in a short period of time without leaving visible toxic waste. Compostability is regulated by European norm EN-13432 which limits its definition as well as the procedure to prove it.



Nowadays, it is possible to produce compostable clipped bags, but in the future, it will also be possible to produce compostable thermal welded bags.



### COMPOSTABILITY CERTIFICATES

Articles within Giró compostable product range have been certified in compliance with the European norm EN-13432 thus offering the requested securities in the environment care.

Certified compostability in compliance with the European norm EN-13432

