

Documentation

Eaternity indicators

The sustainability calculations and the health score were developed in cooperation with well-known organizations. For more information, please visit <http://www.eaternity.org/foodprint/>.

Climate Score:

The CO₂eq value of an ingredient is measured with a life cycle analysis based on production, transport (origin, intermediate stations, destination country & means of transport and refrigeration), processing, preservation and packaging.

Water Footprint:

The water scarcity footprint of a product depends on two elements. Firstly, the amount of fresh water (surface and ground water, excluding rainwater or water pollution) used for the product in the respective production region. And secondly, the relative scarcity of water in the region.

Health Score:

The results of the "Global Burden of Disease" studies serve as the basis for our newly developed formula for evaluating foods. The indicator is based on the insight that a typical Western diet meets the nutritional needs of our body, but that it can also lead to health problems such as diabetes, cardiovascular disease and various types of cancer. The goal is to minimize the risk of diet-related diseases. For more information visit: <https://eaternity.org/foodprint/vita-score>

Furthermore, Eaternity supports the user with sustainable recommendations on rainforest deforestation and animal welfare.

Rainforest:

The score is awarded for food products that do not cause deforestation. This is the case if the product contains certified soya or palm oil or if the product does not contain any palm oil or soya at all. In addition, non-certified soya is still okay if it comes from a non-critical country.

Animal welfare:

The quality of life of animals reared for meat, milk or egg production varies greatly between different farming practices. Labels guarantee that the animals have been reared under certain minimum standards and are a valuable guide for consumers. Food products receive an award for the treatment of animals if they have a label that stands for an established practice that improves animal welfare.



Eaternity Lean – Results

The calculations are exported as a table. And can be publicly communicated to customers online, on labels or in any other form over the duration of the license via an additional license agreement and an additional review process. There is no license to print the values on the product packaging as with the Eaternity Score.

Eaternity Score (not inclusive)

The Eaternity Score is a comprehensive life cycle analysis based on the current scientific standards.

For the Eaternity Score, the calculations are worked out exactly with a specific questionnaire per product and are available as a label for printing on the product packaging. The calculations are

evaluated with a 3-star system to provide the consumer with transparent and fair information. Give your customer the opportunity to make sustainable decisions every day. This performance can be combined with the "Lean" calculations.

For more information: <https://eaternity.org/score/> or on request.



Calculation via product data

New articles are recorded by assigning parameters, which are collected with a questionnaire. Research is carried out for the respective project to enable precise calculations.

	Parameter
Origin	Reference region as text. Information is checked against the map service. Examples: "Switzerland" or "Suisse" or "Seeland Switzerland" or "USA Texas" or "DE".
Transport	ground, air, sea, train

Production	standard, organic, fair-trade, sustainable-fish For vegetables only: greenhouse (heated greenhouse) For fish or game meat only: farm (breeding), wild-caught
Conservation	conserved, boiled-down, canned, dried, frozen, fresh
Processing	raw For meat and fish only: boned, unboned For fish only: skinned, beheaded, fillet For vegetables only: cut, boiled, peeled
Certifications	Indication Label , to determine rainforest protection and animal welfare. Examples: "Bio Suisse", "EU Bio" or "RSPO".

Origin model

In order to enable accurate measurement, it is important to indicate the origin and the associated transport routes. Without this information, our model estimates potential import countries based on the ingredient and the current season and calculates an approximation.

Evaluation

The evaluation is available for tangible communication. Thus it can be seen at first glance how much the consumption of a product at CO₂ saves and whether the product is in the goal of a sustainable food system.

For the evaluation, the results are compared to about 100'000 products from a food database. We evaluate the products independently of the portion size. Every person's diet fulfills important basic needs with the intake of carbohydrates, proteins, fats, water and thus filling their stomach. So we need about 2000 kcal, 50 g proteins, 66 g fat, 2.5 liters water and 600 g dry matter every day. Accordingly, the products are differently "valuable".