



-Certificate Carbonocero-

Granted to SOCIEDAD EXPORTADORA VERFRUT S.A.C of Peru by Fundación Plan21 for the calculation of its Footprint Water corresponding to Cultivation, Harvest, Packaging and Transportation to the port of grapes and blueberries.

**Year: 2021**

This organization has earned this certificate for having calculated the Business Water Footprint.

Calculation methodology:  
Water Footprint Network

Direct green and blue + indirect water footprint per base box of grapes and blueberries = 10.7866 m<sup>3</sup>/box.

Certificate N° HH-1-P-23.

**22 de February 2023**



Certified Company.



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## -ANNEX 1-

### SOCIEDAD EXPORTADORA VERFRUT S.A.C

Grupo Verfrut is a Chilean-owned fruit company dedicated to the production, processing and export of fresh fruit. With its main office in Piura (Caserío El Papayo Mz O, Castilla), it operates in the Fruit Tree and Nut Cultivation sector. The Verfrut Group is committed to the quality and safety of its products, and has implemented and certified its entire agricultural, production, and packaging system based on international standards, ensuring full traceability of all its products from fields, packing, processing, and even the end consumer.

#### A. Objective.

Quantify the water footprint, understood as the impact due to the use of water, of the "Sociedad Exportadora Verfrut" located in Caserío El Papayo Mz O, Castilla, Piura. The quantification is done through the Fundación Plan21 Carbonocero Program.

#### B. Scope and areas.

The blue, green and gray water footprints were calculated for the cultivation and processing/packaging phase at the Verfrut facilities.

Preliminary scope: direct and indirect grey, green and blue water footprint.

To calculate the water footprint of the crop, the FAO CROPWAT 8.0 program was used. A total - blue water footprints (surface and groundwater, that is, that required for irrigation) and green (precipitation) were calculated. The gray Water Footprint was calculated separately.

#### C. Calculation methodology

The methodology applied for the calculation is:

##### Water Footprint Network

1,043.98 hectares planted with grapes and blueberries were taken into account for 2021 (677.56 ha of grapes and 366.42 ha of blueberries), and the full calendar year was considered.

From these data, the following results are obtained for grapes:

- Blue water requirement: 7,265 M3/ha.
- Green water requirement: 916 M3/ha.

And the following results for blueberries:

- Blue water requirement: 9,915 M3/ha.
- Green water requirement: 1,014 M3/ha.



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