



PUBLIC DISCLOSURE STATEMENT


YARRA VALLEY CHERRIES

**PRODUCT CERTIFICATION
FY2021–22**

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	The Trustee for BOROKO TRUST, trading as Yarra Valley Cherries
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022 Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p> <p></p> <p>Andrew Fairley Director 19/10/2023</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	308 tCO ₂ -e
THE OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	20.60%
TECHNICAL ASSESSMENT	4 October 2022 Deepali Ghadge Pangolin Associates Next technical assessment due: 30 th April 2025
THIRD PARTY VALIDATION	13 June, 2023 Tim Grant Life Cycle Strategies Pty Ltd

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year 2022, from 1 July 2021 to 30 June 2022. The carbon neutral certification applies to one tonne cherry of The Trustee for Boroko Trust (ABN 81 699 386 044), trading as Yarra Valley Cherries, for the purpose of carbon neutral product certification.

This is a child certification of Yarra Valley Cherry Organisation certification, which has the same reporting boundary.

“We wanted to be the first cherry producer to be certified carbon neutral in Australia and be leaders in sustainability in our market.”

Product description

The product under this certification is full service and measured using a cradle to gate approach. The functional unit for this certification is one tonne of cherries produced, packed, and distributed until the point of the gate (Yarra Valley Cherry Farm). Cherries are picked up by the clients from the farm and sold across all Australia. Hence it was difficult to track the downstream supply chain, therefore, cradle-to-gate approach has been applied.

3. EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Embodied emissions from material acquisition and transport for cherry growing

Fungicides, Herbicides, Fertilisers, Pesticides/insecticides, Other chemical inputs for crop growth/management

Packaging (Recycled punnets
Cardboard boxes)

Plant nurseries

Agricultural machinery and parts, Agricultural tractors, Cars, Forklifts

Irrigation equipment

Structural metal products

Freight

Cherry farming

Stationary & Transport fuels

Emissions from fertilisers application

Labour services

Equipment hire

Equipment repairing

Business Operations

Hotels

Cleaning & Detergent

Non-building repair

Electricity

Food and beverage services

Office equipment & supplies

Clothing & General products and merchandise

Refrigerants

Business Flights

Transport fuels (Diesel, Petrol, LPG)

Employee Commute & Taxi

Accounting services

Advertising services

Banking

Education

Entertainment

Insurance

Security services

Computer and electrical components, hardware and accessories

Computer and technical services

Telecommunications

Waste (Landfill & Recycling)

Water

Non-quantified

N/A

Optionally included

N/A

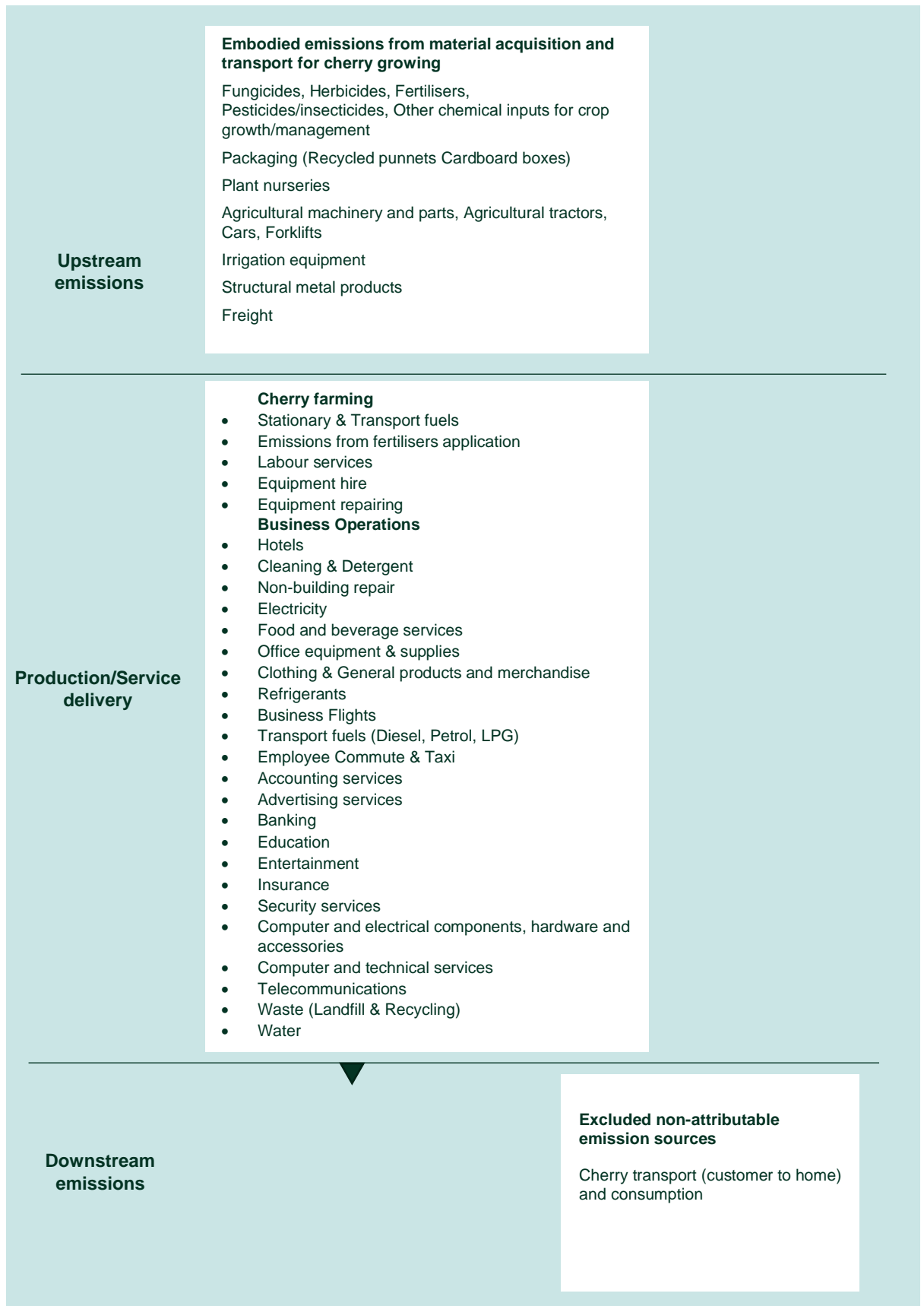
Outside emission boundary

Non-attributable

Cherry transport (customer to home) and consumption

Product process diagram

Cradle-to-gate



Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Yarra Valley Cherry commits to reduce their Greenhouse Gas emissions intensity by 15 % by 2030 from a 2022 baseline. This will include the following actions.

Scope 2 Emissions

- Scope 2 emissions will be reduced by – 15% of the total emissions come from the electricity usage through the grid. Yarra Valley Cherries has set a plan to install on-site solar panels and purchase Greenpower from the grid. This transition will take place gradually over the next 5 years and reduce the emissions intensity.

Scope 3 Emissions

- Scope 3 emissions will be reduced by: switching to organic fertilisers, herbicides, pesticides, fungicides and growth inhibitors wherever and whenever possible. Scope 3 emissions coming from these materials is currently 24%. Switching to organic products from inorganic has less scope 3 GHG emissions. Yarra Valley will slowly transition this action depending on the requirements for the cherry plant and the soil.

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

Yarra Valley cherries purchased Opal Australian Paper in FY2022. Pangolin Associates Pty Ltd did the carbon footprint and CA submission for this organisation.

Product emissions summary

Stage	tCO2-e
Accommodation and facilities	0.18
Cleaning and Chemicals	0.57
Climate Active Carbon Neutral Products and Services	0.00
Construction Materials and Services	17.65
Electricity	39.11
Food	0.27
Horticulture and Agriculture <ul style="list-style-type: none"> ○ Fungicides ○ Herbicides ○ N₂O from Applied Fertiliser ○ Nitrogen & Non-Nitrogen based fertilisers ○ Other chemical inputs for crop growth/management ○ Packaging ○ Pest control ○ Pesticides/insecticides ○ Plant nurseries 	117.23
ICT services and equipment	1.85
Machinery and vehicles <ul style="list-style-type: none"> ○ Agricultural machinery and parts ○ Agricultural tractors ○ Cars ○ Equipment hire ○ Equipment repairing ○ Forklifts ○ Irrigation equipment ○ Motor vehicle and lawn mower repairs ○ Structural metal products ○ Motor vehicle repairs and maintenance 	43.96
Office equipment & supplies	1.07
Postage, courier and freight	0.35
Products	1.98
Professional Services	13.04
Refrigerants	22.69
Stationary Energy (liquid fuels)	27.27
Transport (Air)	1.13
Transport (Land and Sea)	13.63
Waste	2.55
Water	2.54
Total	307.08

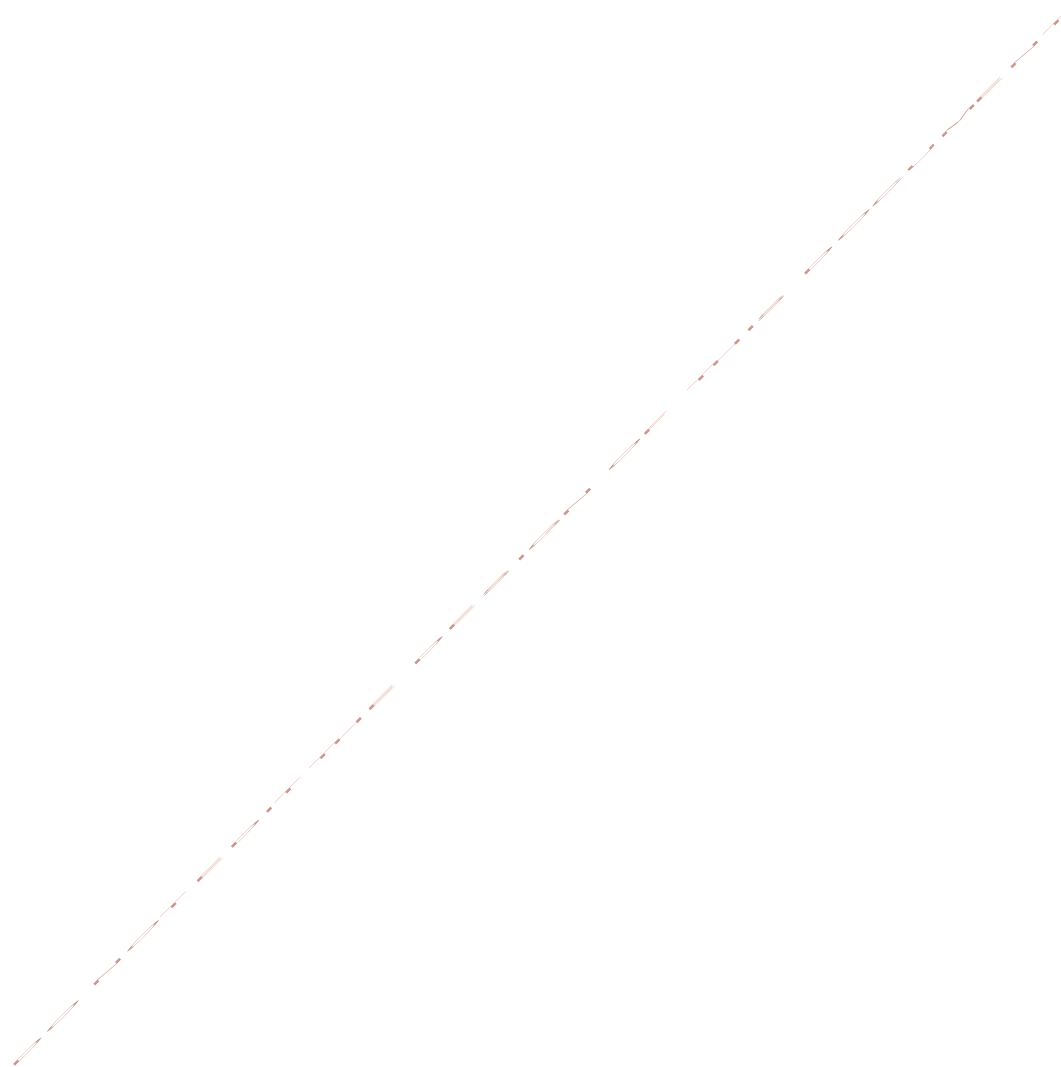
Emissions intensity per functional unit (including any uplifts required)	6.64 tCO ₂ -e / 46.23 tonne cherry
Number of functional units to be offset (certified)	46.23 tonne cherry
Total emissions to be offset (certified)	307.08 tCO ₂ -e

6. CARBON OFFSETS

Offsets retirement approach

100% Yarra Valley Cherries emissions relevant to the product have been captured within the Organisational boundaries. Please refer to Yarra Valley Cherries FY2021-22 Organisation PDS for evidence of the offset retirement.

Further details of Yarra Valley Cherries Organisation assessment can be found [here](#) on the climate active website.



7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

N/A.

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	N/A
2. Other RECs	

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A									
Total LGCs surrendered this report and used in this report									

APPENDIX A: ADDITIONAL INFORMATION

APPENDIX B: ELECTRICITY SUMMARY

100% Yarra Valley Cherries electricity emissions relevant to the product have been captured within the Organisational boundaries. Please refer to Yarra Valley Cherries FY2021-22 Organisation PDS.

Further details of Yarra Valley Cherries Organisation assessment can be found [here](#) on the climate active website.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**).

	No actual data	No projected data	Immaterial
N/A			

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>
Cherry transport (customer to home) and consumption	No	No	No	No	No



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