




# **PUBLIC DISCLOSURE STATEMENT**

**YARRA VALLEY CHERRIES  
ORGANISATION 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 <sub>2</sub> -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	20.60%
TECHNICAL ASSESSMENT	4 October 2022 Deepali Ghadge Pangolin Associates Next technical assessment due: 30 <sup>th</sup> April 2025
THIRD PARTY VALIDATION	Type 1 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, and covers the Australian business operations of The Trustee for Boroko Trust (ABN 81 699 386 044), trading as Yarra Valley Cherries, for the purpose of carbon neutral medium organisation certification.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- 585 Victoria Rd Seville VIC 3139

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008.

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

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

## Organisation description

Yarra Valley Cherries are able to guarantee the freshest fruit due to their unique advantage of growing, picking, grading and packing their cherries on our orchard in Seville, facilitating same day market access. Our focus on quality is supported by a state of the art high definition electronic grading machine, operating in tandem with advanced quality control systems.

Our focus on quality is supported by our state of the art, high definition four lane electronic grading machine. This machine photographs every cherry thirty times, as they pass under the cameras, to detect blemishes, and ensure size and colour is uniform.

Yarra Valley Cherries is accredited by Fresh care and Harps as Australia's leading edge quality control systems. Our Orchard has its own unique micro climate, through our situation in the lee of the Warramate Hills to the north and the Dandenong Ranges to the west. Our trees grow in soils of Silurian siltstone and mudstone, which contains considerable minerality. These unique aspects of climate, soil, topography and location influence the size and complex flavours of our cherries, giving them a specific personality, much like terroir in wine.

## 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 relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

**Non-quantified emissions** have been assessed as relevant 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

**Excluded emissions** are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are 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

### Excluded

Cherry transport (customer to home) and consumption

## **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 carbon neutral Opal Australian Paper in FY2022. Pangolin Associates Pty Ltd did the carbon footprint and CA submission for this organisation.

### Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-based approach.

Emission category	Sum of total emissions (tCO <sub>2</sub> -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	
○ Fungicides	
○ Herbicides	
○ N <sub>2</sub> O from Applied Fertiliser	
○ Nitrogen & Non-Nitrogen based fertilisers	117.23
○ Other chemical inputs for crop growth/management	
○ Packaging	
○ Pest control	
○ Pesticides/insecticides	
○ Plant nurseries	
ICT services and equipment	1.85
Machinery and vehicles	
○ Agricultural machinery and parts	
○ Agricultural tractors	
○ Cars	
○ Equipment hire	
○ Equipment repairing	43.96
○ Forklifts	
○ Irrigation equipment	
○ Motor vehicle and lawn mower repairs	
○ Structural metal products	
○ Motor vehicle repairs and maintenance	
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
<b>Total</b>	<b>307.08</b>

# Uplift factors

N/A

Reason for uplift factor	tCO <sub>2</sub> -e
N/A	
Total of all uplift factors	0
<b>Total footprint to offset</b> <i>(total net emissions from summary table + total uplifts)</i>	<b>308</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report	308
2. Total eligible offsets purchased and retired for this report	380
3. Total eligible offsets banked to use toward next year's report	72

### Co-benefits

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on, and managing their country. Communities are supported in the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of traditional custodians.

## Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Central Arnhem Land Fire Abatement (CALFA) Project	KACCU	ANREU	26/07/2023	3,800,798,700 3,800,798,949	2019-20	-	250	-	-	250	81%
Native woodland regeneration project BRO21	KACCU	ANREU	26/07/2023	8,351,234,686 8,351,234,815	2022-23	-	130	-	72	58	19%
Total offsets retired this report and used in this report										308	
Total offsets retired this report and banked for future reports										72	
Type of offset units		Quantity (used for this reporting period claim)								Percentage of total	
Australian Carbon Credit Units (ACCUs)		308								100%	

## 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

Screen shot of ACCUs retired on ANR



**Australian  
National Registry  
of Emissions Units**

Logged in as: Ian Dobbs / Industry User

- ANREU Home
- Account Holders
- Accounts
- Unit Position Summary
- Projects
- Transaction Log
- CER Notifications
- Public Reports
- My Profile

### Transaction Details

Transaction details appear below.

**Transaction Successfully Approved**

Transaction ID	AU28759
Current Status	Completed (4)
Status Date	26/07/2023 14:44:17 (AEST) 26/07/2023 04:44:17 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Dobbs, Ian Alexander
Transaction Approver	Dobbs, Ian Alexander
Comment	Retired on behalf of The Trustee for BOROHIO TRUST trading as Yarra Valley Cherries for their FY2022 Climate Active carbon neutral certification.

#### Transferring Account

Account Number	AU-3255
Account Name	Tasman Environmental Markets Australia Pty Ltd
Account Holder	Tasman Environmental Markets Australia Pty Ltd

#### Acquiring Account

Account Number	AU-1068
Account Name	Australia Voluntary Cancellation Account
Account Holder	Commonwealth of Australia

#### Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">EQD100947</a>					2019-20		3,800,798,700 - 3,800,798,949	250
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">ERF166012</a>					2022-23		8,351,234,686 - 8,351,234,815	130

## APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-based approach

### Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

### Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	979	0	2%
<b>Total non-grid electricity</b>	<b>979</b>	<b>0</b>	<b>2%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	7,199	0	18%
Residual Electricity	31,524	31,365	0%
<b>Total grid electricity</b>	<b>38,722</b>	<b>31,365</b>	<b>18%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>39,701</b>	<b>31,365</b>	<b>21%</b>
Electricity renewables	8,178	0	
Residual Electricity	31,524	31,365	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		31,365	
<b>Total renewables (grid and non-grid)</b>	<b>20.60%</b>		
<b>Mandatory</b>	<b>18.13%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>2.47%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>31</b>		



Figures may not sum due to rounding. Renewable percentage can be above 100%

### Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	38,722	35,237	3,872
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>38,722</b>	<b>35,237</b>	<b>3,872</b>
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	979	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>979</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>39,701</b>	<b>35,237</b>	<b>3,872</b>
<b>Emission Footprint (TCO2e)</b>	<b>39</b>		
Scope 2 Emissions (TCO2e)	35		
Scope 3 Emissions (TCO2e)	4		

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

The following sources emissions have been assessed as relevant, 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

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** 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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Cherry transport (customer to home) and consumption	No	No	No	No	No	No



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