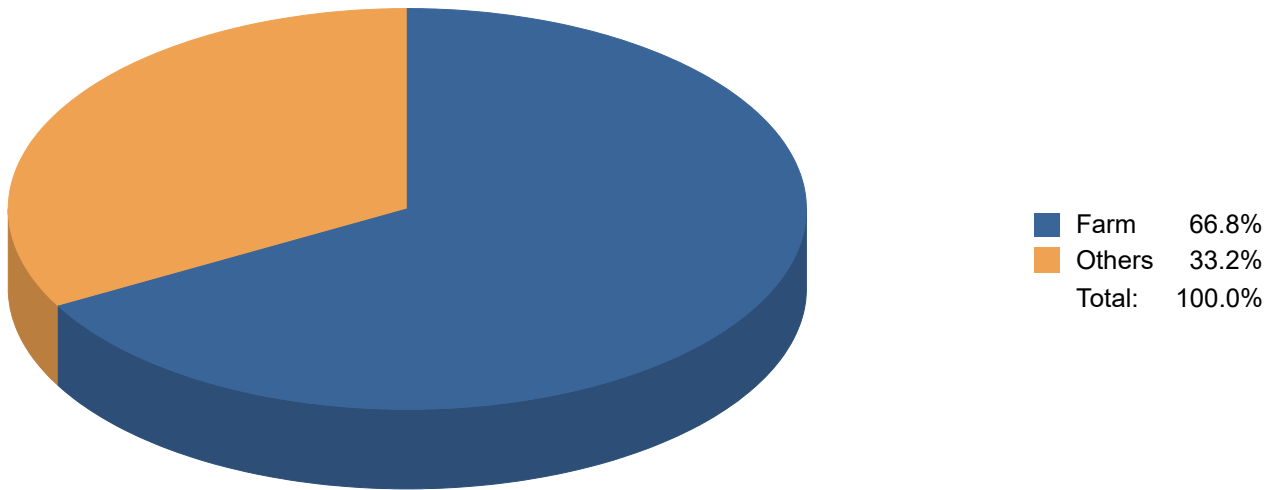


## Carbon Calculator Results

**Business Name:** J&L Construction Mooihoekspoor  
**Creation Date:** 2022/04/07 16:35:32  
**Data Collection Period:** Jan 2021 to Dec 2021  
**Report Grade:** B1 - This dataset has been checked by CCC and is part of the benchmark.

## Business Unit - Boundary View



Boundary	Ton CO2e	%
Farm	164.26	66.82
Coldstore	81.56	33.18
<b>Total</b>	<b>245.82</b>	<b>100.00</b>

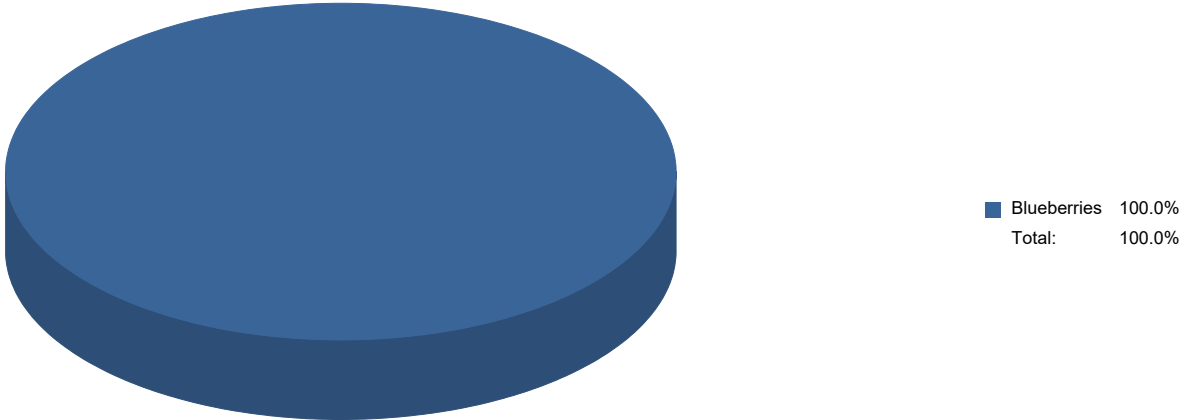
The Carbon Calculator must be completed on an annual basis. This allows users to monitor their carbon footprint trend and analyse improvements.

**Business Name:** J&L Construction Mooihoekspoor

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

# Business Unit - Commodity View



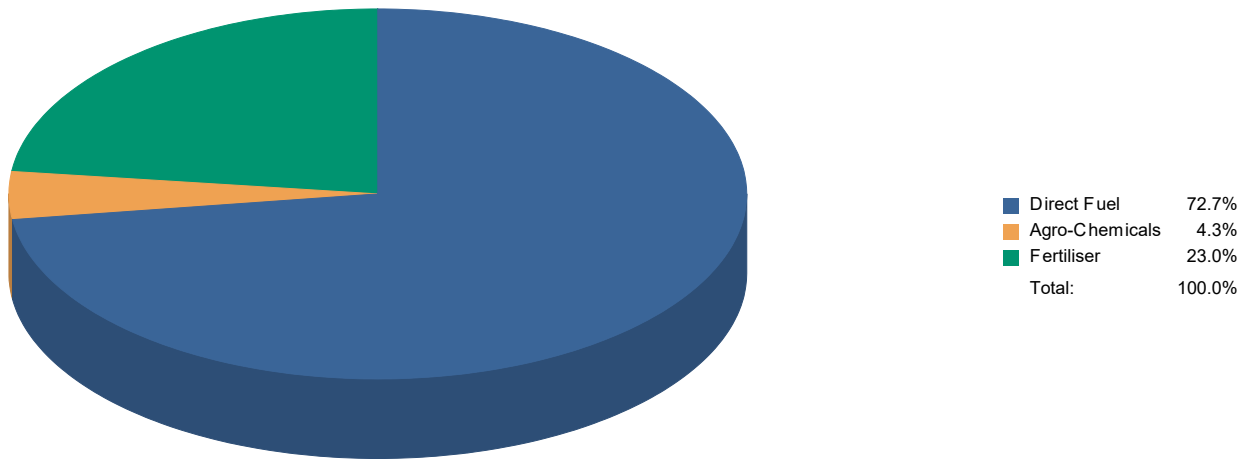
Commodity	Ton CO2e	%
Blueberries	245.82	100.00
<b>Total</b>	<b>245.82</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Farm - Emission Source View



Emission Source	Ton CO2e	%
Direct Fuel	119.43	72.71
Agro-Chemicals	7.10	4.32
Fertiliser	37.73	22.97
<b>Total</b>	<b>164.26</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoort

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Farm Commodity Benchmark

Commodity	Kg CO2e per Kg Fruit	Benchmark
Blueberries	0.77	The CCC regional average is 1.68 Kg CO2e per Kg Fruit and consist of 32 data points.

## Farm Hectare Breakdown

Commodity	Ton CO2e per Bearing Ha
Blueberries	11.00

## Farm Scope Breakdown

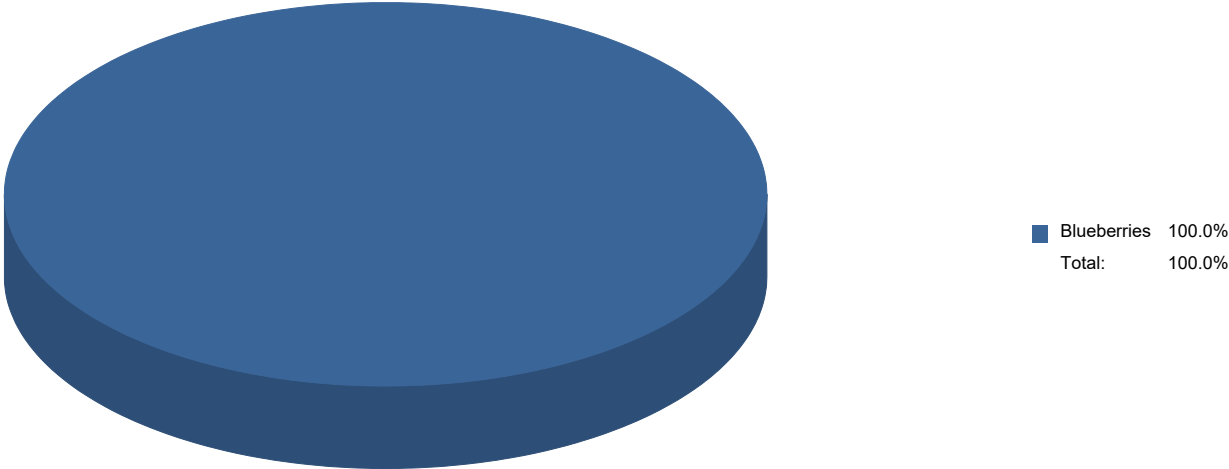
	Ton CO2e	%
Scope 1	119.43	72.71
Scope 3	44.83	27.29
<b>Total</b>	<b>164.26</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

# Farm - Commodity View



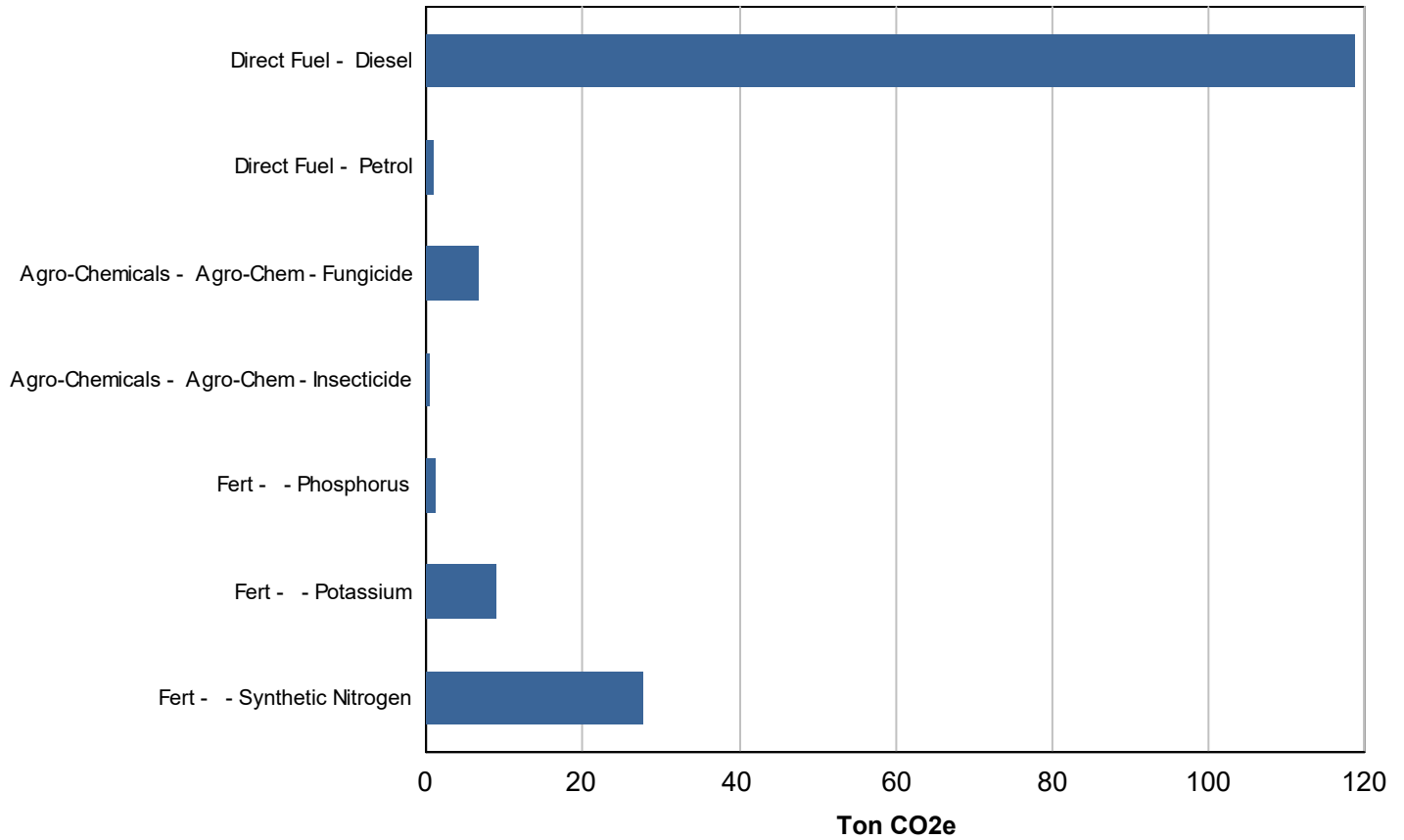
Commodity	Ton CO2e	%
Blueberries	164.26	100.00
<b>Total</b>	<b>164.26</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoort

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Farm - Emission Source Breakdown



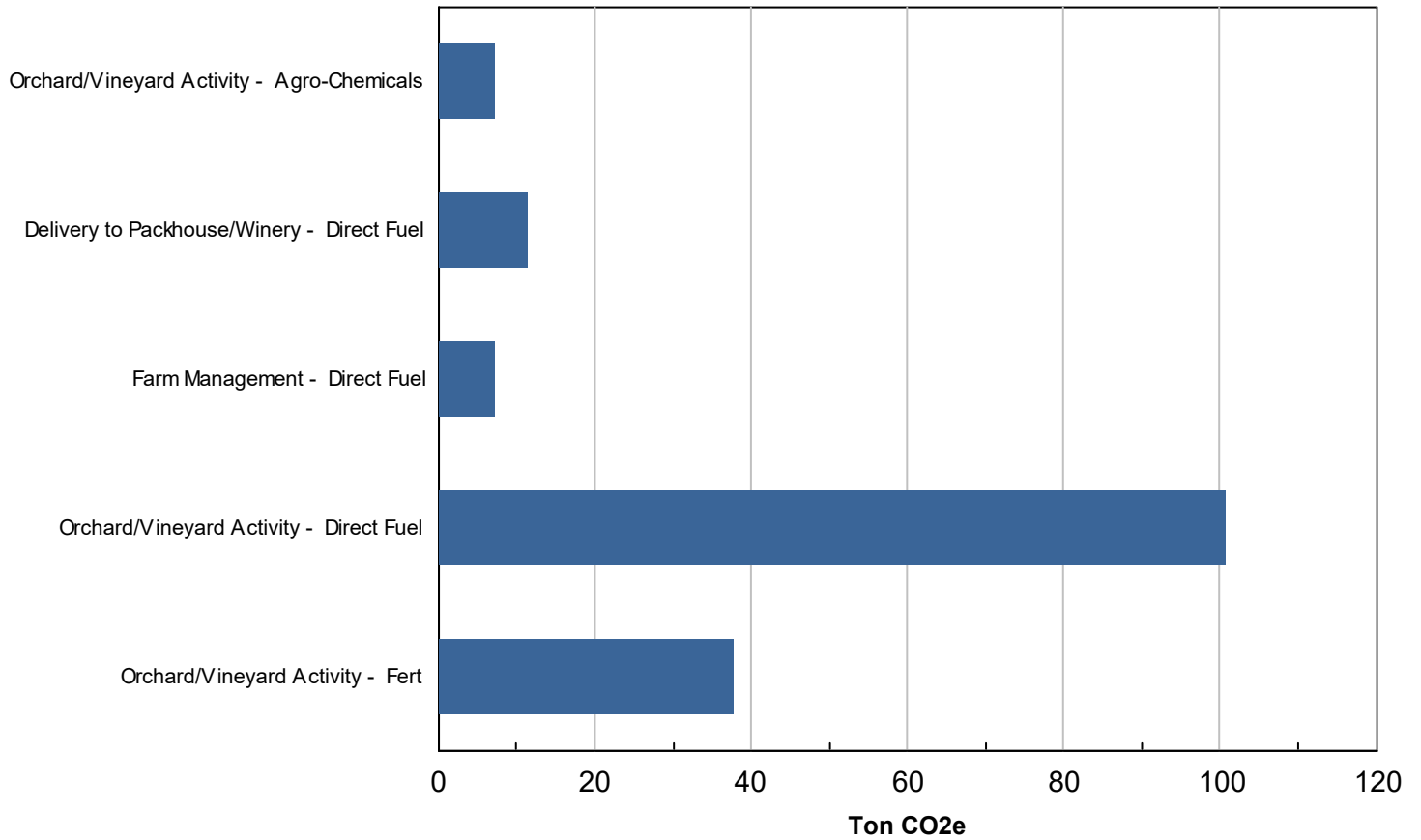
<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel - Diesel	118.55	72.17
Direct Fuel - Petrol	0.87	0.53
Agro-Chemicals - Agro-Chem - Fungicide	6.79	4.13
Agro-Chemicals - Agro-Chem - Insecticide	0.32	0.19
Fert - - Phosphorus	1.21	0.74
Fert - - Potassium	8.82	5.37
Fert - - Synthetic Nitrogen	27.69	16.86
<b>Total</b>	<b>164.26</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoort

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Farm - Activity Breakdown



Activity Breakdown	Ton CO2e	%
Orchard/Vineyard Activity - Agro-Chemicals	7.10	4.32
Delivery to Packhouse/Winery - Direct Fuel	11.44	6.96
Farm Management - Direct Fuel	7.29	4.44
Orchard/Vineyard Activity - Direct Fuel	100.69	61.30
Orchard/Vineyard Activity - Fert	37.73	22.97
<b>Total</b>	<b>164.26</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoort

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Detailed Carbon Emissions Breakdown

Detailed Activities	Ton CO2e	%
Direct Fuel - Diesel - Orchard/Vineyard Activity - BO	62.39	37.98
Direct Fuel - Diesel - Orchard/Vineyard Activity - NBO	37.43	22.79
Direct Fuel - Diesel - Delivery to Packhouse/Winery	11.44	6.96
Direct Fuel - Diesel - Farm Management	7.29	4.44
Direct Fuel - Petrol - Orchard/Vineyard Activity	0.87	0.53
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - BO	17.31	10.54
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - NBO	10.38	6.32
Fert - - Phosphorus - Orchard/Vineyard Activity - BO	0.76	0.46
Fert - - Phosphorus - Orchard/Vineyard Activity - NBO	0.46	0.28
Fert - - Potassium - Orchard/Vineyard Activity - BO	5.51	3.36
Fert - - Potassium - Orchard/Vineyard Activity - NBO	3.31	2.01
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - BO	4.24	2.58
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - NBO	2.55	1.55
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - BO	0.20	0.12
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - NBO	0.12	0.07
<b>Total</b>	<b>164.26</b>	<b>100.00</b>



**Business Name:** J&L Construction Mooihoekspoort

**Dataset:** 2022/04/07 16:35:32

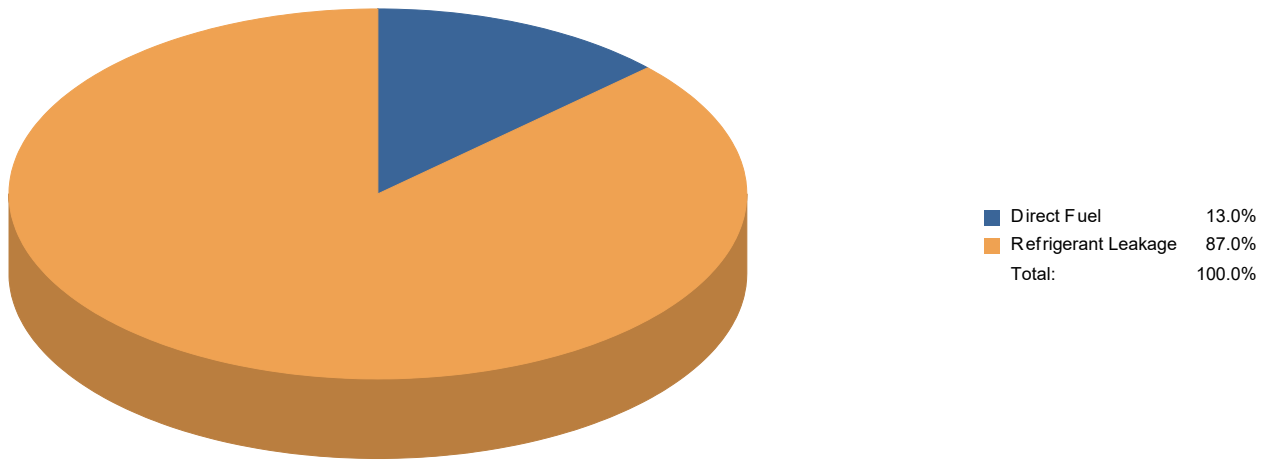
**Data Collection Period:** Jan 2021 to Dec 2021

## Farm Consumption Benchmarks

Commodity	Consumption Measure	Result	Benchmark
Blueberries	kL Water per Ton Fruit	256.66	The CCC regional average is 8206.81 kL Water per Ton Fruit and consist of 32 data points.
Blueberries	kL Water per Bearing Ha	4,020.60	N/A
Blueberries	kL Water per Non-Bearing Ha	1,977.83	N/A
Blueberries	Liters Orchard / Vineyard Diesel per Ton Fruit	120.18	The CCC regional average is 135.54 Liters Orchard / Vineyard Diesel per Ton Fruit and consist of 32 data points.
Blueberries	Liters Orchard / Vineyard Diesel per Bearing Ha	1,882.56	The CCC regional average is 642.64 Liters Orchard / Vineyard Diesel per Bearing Ha and consist of 32 data points.
Blueberries	Kg Pure N per Ton Fruit	9.17	The CCC regional average is 71.65 Kg Pure N per Ton Fruit and consist of 32 data points.
Blueberries	Kg Pure N per Bearing Ha	143.71	The CCC regional average is 375.98 Kg Pure N per Bearing Ha and consist of 32 data points.

**Business Name:** J&L Construction Mooihoekspoor  
**Dataset:** 2022/04/07 16:35:32  
**Data Collection Period:** Jan 2021 to Dec 2021

## Coldstore - Emission Source View



<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel	10.60	13.00
Refrigerant Leakage	70.96	87.00
<b>Total</b>	<b>81.56</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoort

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Coldstore Commodity Benchmark

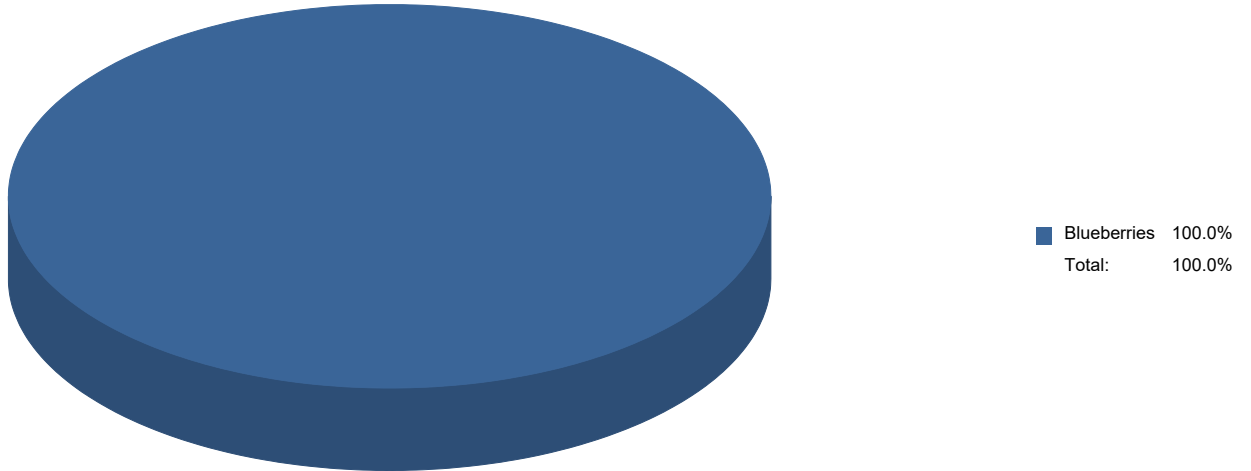
Commodity	Kg CO2e per Kg Fruit	Benchmark
Blueberries	0.52	The CCC regional average is 0.47 Kg CO2e per Kg Fruit and consist of 20 data points.

## Coldstore Scope Breakdown

	Ton CO2e	%
Scope 1	81.56	100.00
<b>Total</b>	<b>81.56</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor  
**Dataset:** 2022/04/07 16:35:32  
**Data Collection Period:** Jan 2021 to Dec 2021

## Coldstore - Commodity View



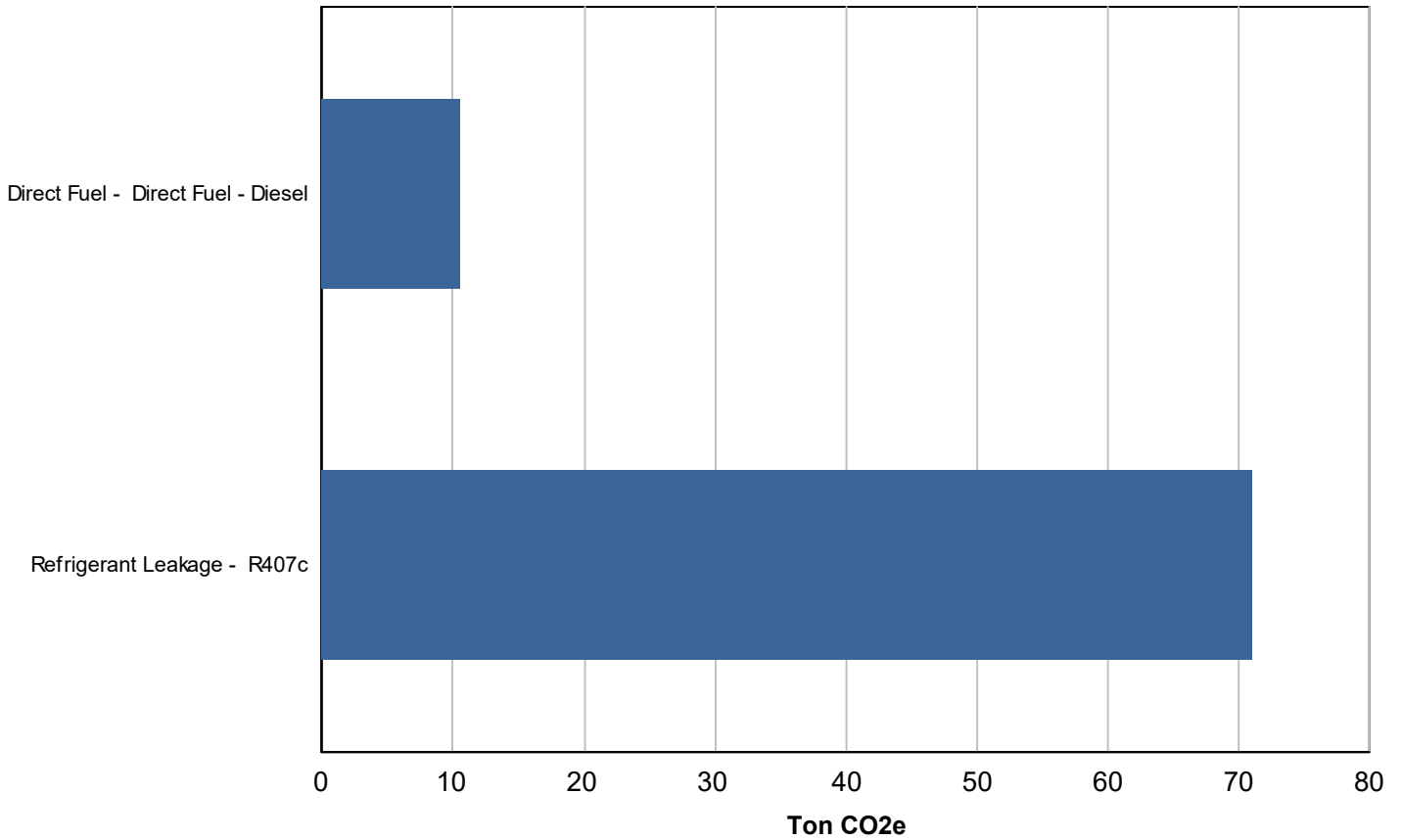
Commodity	Ton CO2e	%
Blueberries	81.56	100.00
<b>Total</b>	<b>81.56</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021

## Coldstore - Emission Source Breakdown



<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel - Direct Fuel - Diesel	10.60	13.00
Refrigerant Leakage - R407c	70.96	87.00
<b>Total</b>	<b>81.56</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor

**Dataset:** 2022/04/07 16:35:32

**Data Collection Period:** Jan 2021 to Dec 2021