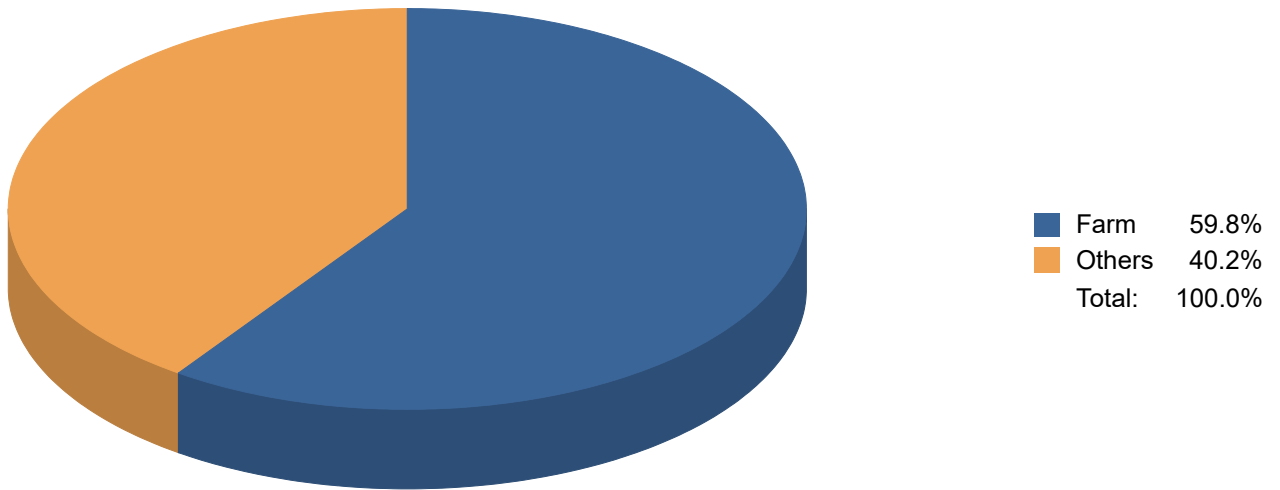


## Carbon Calculator Results

**Business Name:** J&L Construction Mooihoekspoor  
**Creation Date:** 2023/03/10 13:09:54  
**Data Collection Period:** Jan 2022 to Dec 2022  
**Report Grade:** B1 - This dataset has been checked by CCC and is part of the benchmark.

## Business Unit - Boundary View



Boundary	Ton CO2e	%
Farm	215.46	59.84
Coldstore	144.60	40.16
<b>Total</b>	<b>360.05</b>	<b>100.00</b>

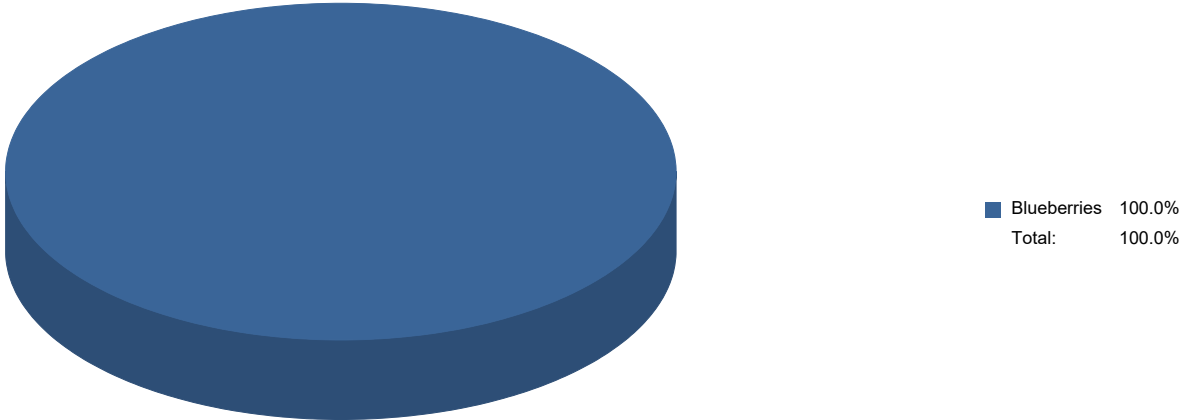
The Carbon Calculator must be completed on an annual basis. This allows users to monitor their carbon footprint trend and analyse improvements.

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

# Business Unit - Commodity View



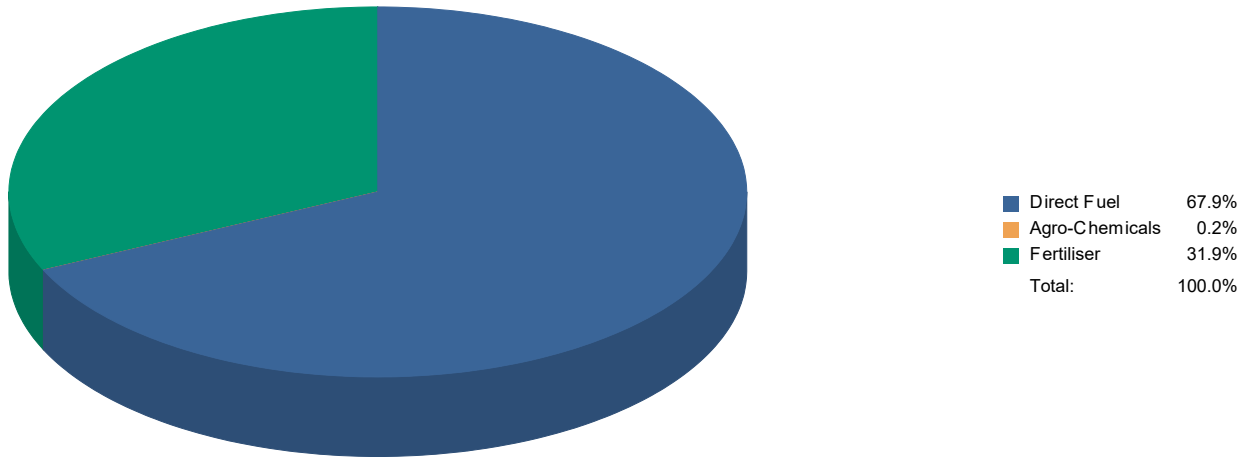
Commodity	Ton CO2e	%
Blueberries	360.05	100.00
<b>Total</b>	<b>360.05</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Farm - Emission Source View



Emission Source	Ton CO2e	%
Direct Fuel	146.37	67.94
Agro-Chemicals	0.44	0.21
Fertiliser	68.64	31.86
<b>Total</b>	<b>215.46</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Farm Commodity Benchmark

Commodity	Kg CO2e per Kg Fruit	Benchmark
Blueberries	1.10	The CCC regional average is 1.32 Kg CO2e per Kg Fruit and consist of 48 data points.

## Farm Hectare Breakdown

Commodity	Ton CO2e per Bearing Ha
Blueberries	14.23

## Farm Scope Breakdown

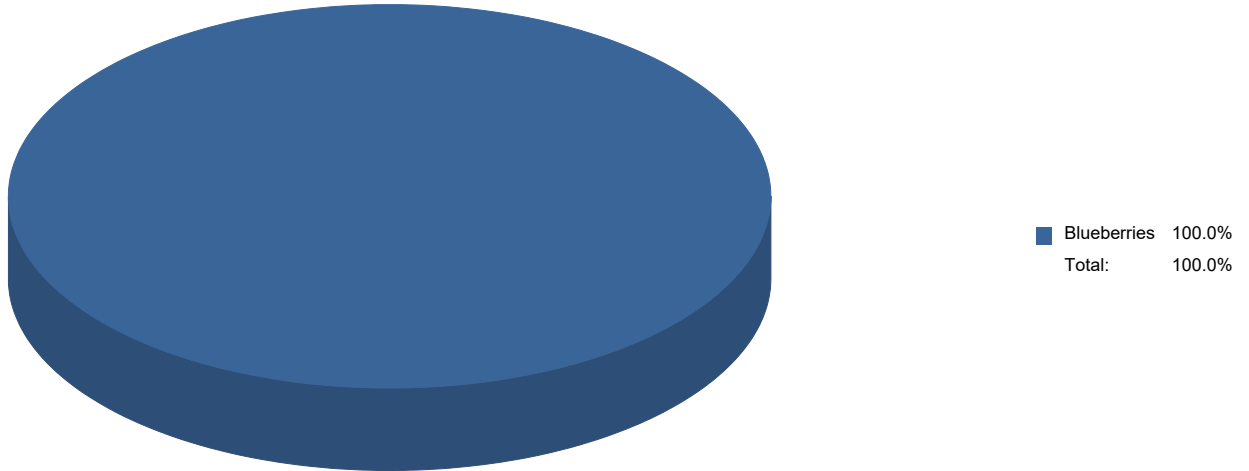
	Ton CO2e	%
Scope 1	146.37	67.94
Scope 3	69.09	32.06
<b>Total</b>	<b>215.46</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Farm - Commodity View



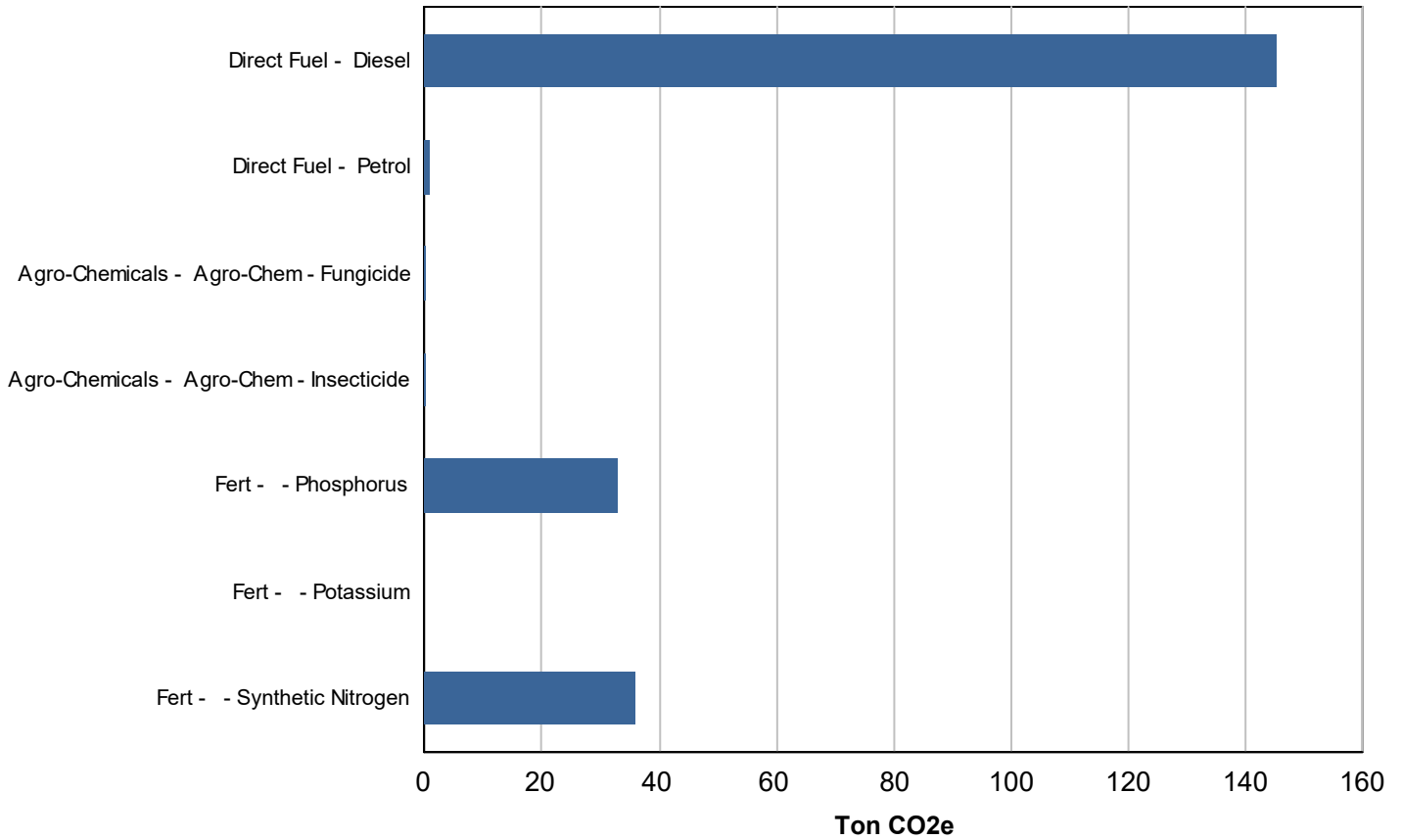
Commodity	Ton CO2e	%
Blueberries	215.46	100.00
<b>Total</b>	<b>215.46</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Farm - Emission Source Breakdown



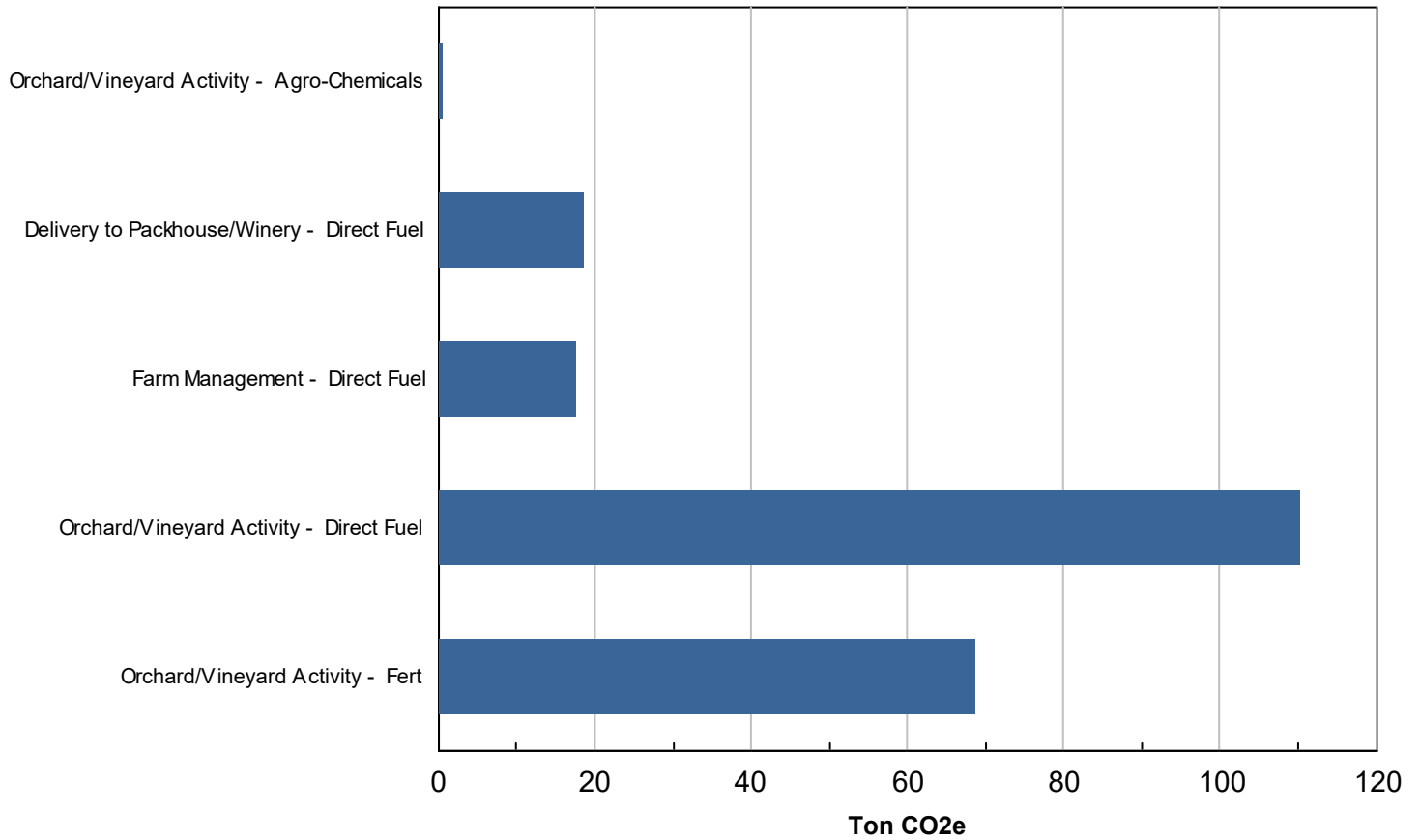
<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel - Diesel	145.32	67.45
Direct Fuel - Petrol	1.05	0.49
Agro-Chemicals - Agro-Chem - Fungicide	0.28	0.13
Agro-Chemicals - Agro-Chem - Insecticide	0.16	0.08
Fert - - Phosphorus	32.95	15.29
Fert - - Potassium	0.00	0.00
Fert - - Synthetic Nitrogen	35.69	16.56
<b>Total</b>	<b>215.46</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Farm - Activity Breakdown



Activity Breakdown	Ton CO2e	%
Orchard/Vineyard Activity - Agro-Chemicals	0.44	0.21
Delivery to Packhouse/Winery - Direct Fuel	18.46	8.57
Farm Management - Direct Fuel	17.56	8.15
Orchard/Vineyard Activity - Direct Fuel	110.35	51.22
Orchard/Vineyard Activity - Fert	68.64	31.86
<b>Total</b>	<b>215.46</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Detailed Carbon Emissions Breakdown

Detailed Activities	Ton CO2e	%
Direct Fuel - Diesel - Orchard/Vineyard Activity - BO	81.97	38.05
Direct Fuel - Diesel - Orchard/Vineyard Activity - NBO	27.32	12.68
Direct Fuel - Diesel - Delivery to Packhouse/Winery	18.46	8.57
Direct Fuel - Diesel - Farm Management	17.56	8.15
Direct Fuel - Petrol - Orchard/Vineyard Activity	1.05	0.49
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - BO	26.77	12.42
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - NBO	8.92	4.14
Fert - - Phosphorus - Orchard/Vineyard Activity - BO	24.71	11.47
Fert - - Phosphorus - Orchard/Vineyard Activity - NBO	8.24	3.82
Fert - - Potassium - Orchard/Vineyard Activity - BO	0.00	0.00
Fert - - Potassium - Orchard/Vineyard Activity - NBO	0.00	0.00
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - BO	0.17	0.08
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - NBO	0.10	0.05
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - BO	0.10	0.05
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - NBO	0.06	0.03
<b>Total</b>	<b>215.46</b>	<b>100.00</b>



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

**Dataset:** 2023/03/10 13:09:54

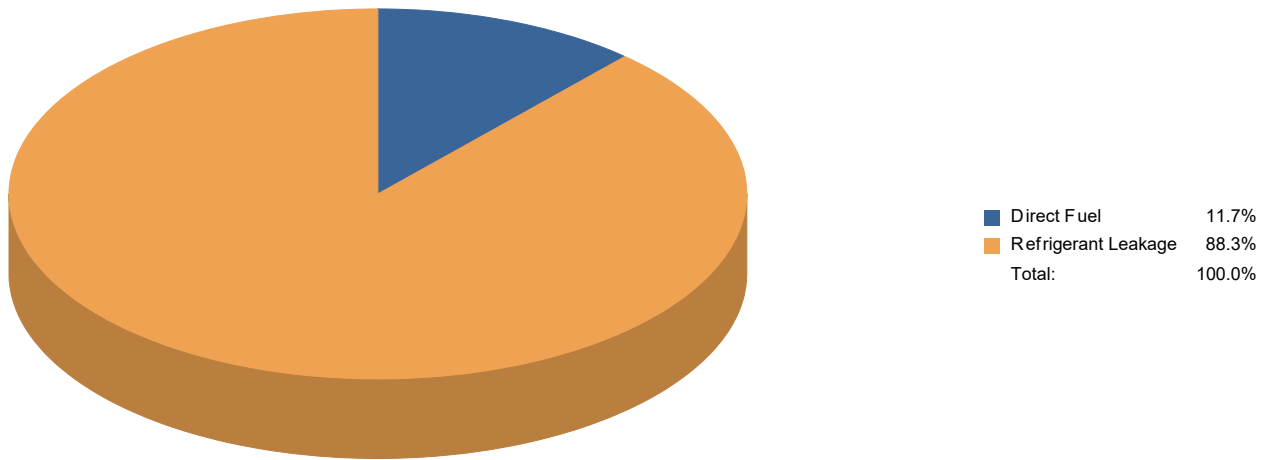
**Data Collection Period:** Jan 2022 to Dec 2022

## Farm Consumption Benchmarks

Commodity	Consumption Measure	Result	Benchmark
Blueberries	kL Water per Ton Fruit	367.28	The CCC regional average is 5647.08 kL Water per Ton Fruit and consist of 48 data points.
Blueberries	kL Water per Bearing Ha	5,670.82	N/A
Blueberries	kL Water per Non-Bearing Ha	2,056.54	N/A
Blueberries	Liters Orchard / Vineyard Diesel per Ton Fruit	133.50	The CCC regional average is 111.63 Liters Orchard / Vineyard Diesel per Ton Fruit and consist of 48 data points.
Blueberries	Liters Orchard / Vineyard Diesel per Bearing Ha	2,061.31	The CCC regional average is 631.95 Liters Orchard / Vineyard Diesel per Bearing Ha and consist of 48 data points.
Blueberries	Kg Pure N per Ton Fruit	12.00	The CCC regional average is 55.51 Kg Pure N per Ton Fruit and consist of 48 data points.
Blueberries	Kg Pure N per Bearing Ha	185.20	The CCC regional average is 310.15 Kg Pure N per Bearing Ha and consist of 48 data points.

**Business Name:** J&L Construction Mooihoekspoor  
**Dataset:** 2023/03/10 13:09:54  
**Data Collection Period:** Jan 2022 to Dec 2022

## Coldstore - Emission Source View



Emission Source	Ton CO2e	%
Direct Fuel	16.87	11.67
Refrigerant Leakage	127.73	88.33
<b>Total</b>	<b>144.60</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Coldstore Commodity Benchmark

Commodity	Kg CO2e per Kg Fruit	Benchmark
Blueberries	0.80	The CCC regional average is 0.42 Kg CO2e per Kg Fruit and consist of 27 data points.

## Coldstore Scope Breakdown

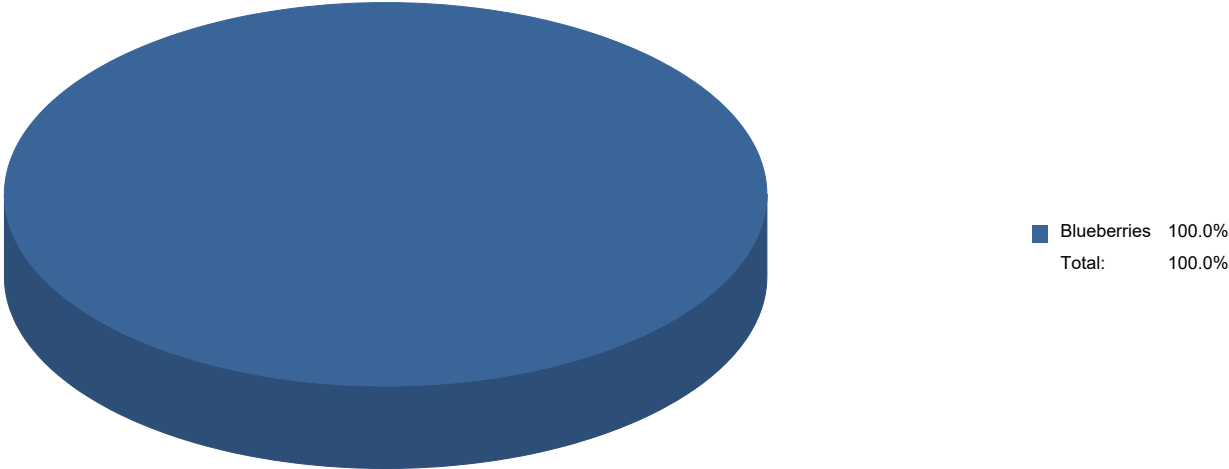
	Ton CO2e	%
Scope 1	144.60	100.00
<b>Total</b>	<b>144.60</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

# Coldstore - Commodity View



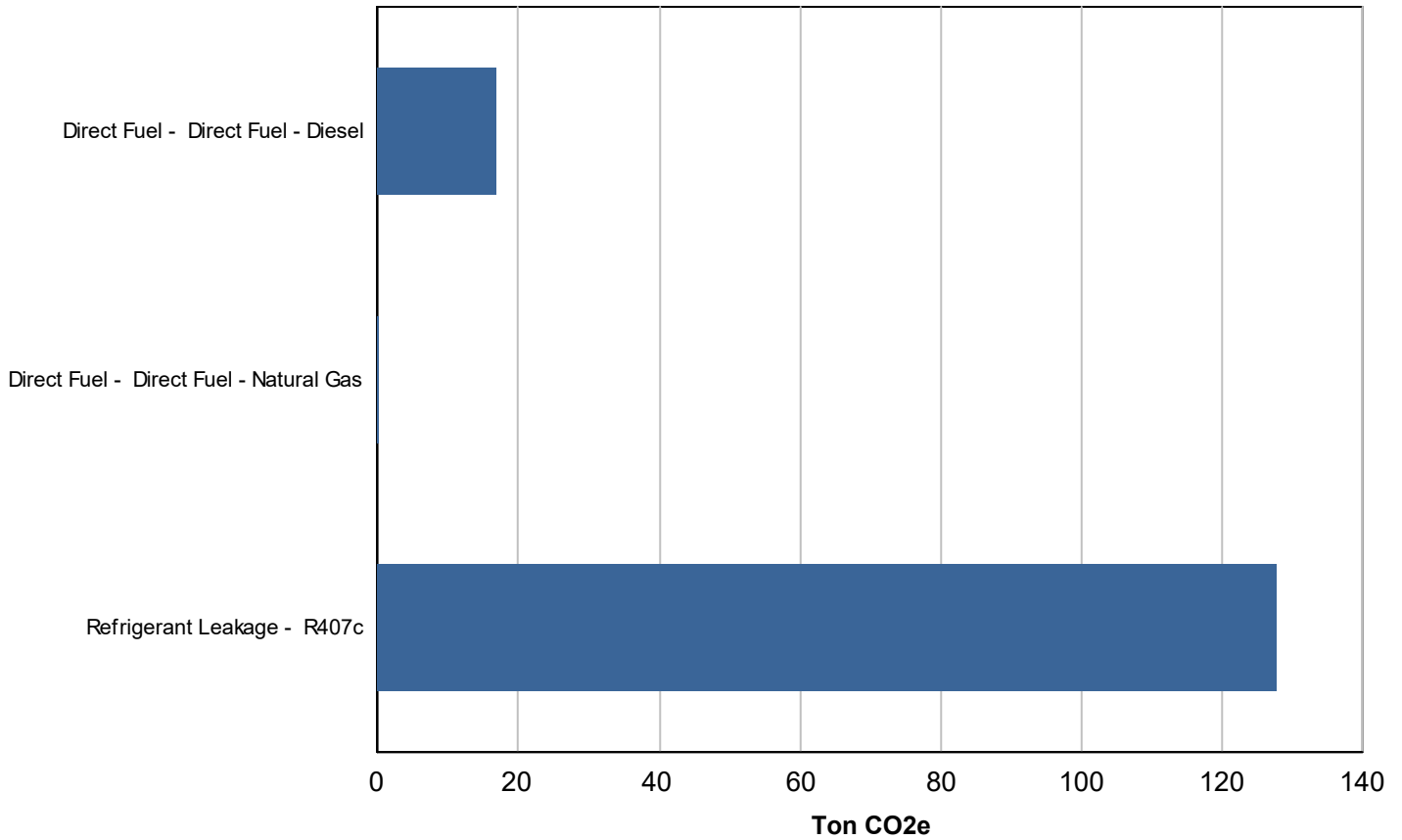
Commodity	Ton CO2e	%
Blueberries	144.60	100.00
<b>Total</b>	<b>144.60</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022

## Coldstore - Emission Source Breakdown



<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel - Direct Fuel - Diesel	16.70	11.55
Direct Fuel - Direct Fuel - Natural Gas	0.16	0.11
Refrigerant Leakage - R407c	127.73	88.33
<b>Total</b>	<b>144.60</b>	<b>100.00</b>

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

**Dataset:** 2023/03/10 13:09:54

**Data Collection Period:** Jan 2022 to Dec 2022