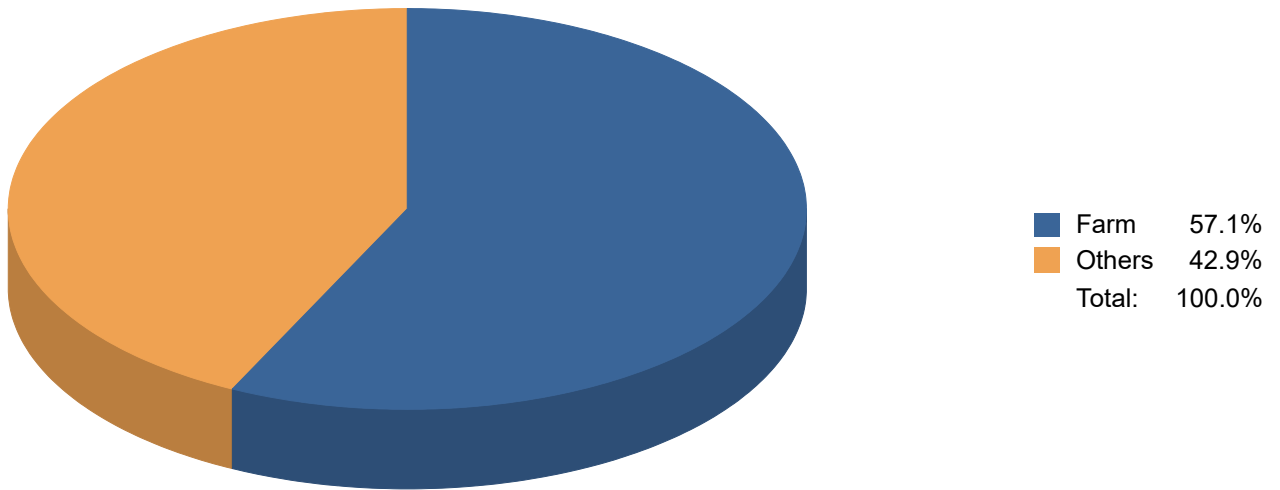


## Carbon Calculator Results

**Business Name:** J&L Construction Mooihoekspoor  
**Creation Date:** 2021/04/16 13:54:35  
**Data Collection Period:** Jan 2020 to Dec 2020  
**Report Grade:** B1 - This dataset has been checked by CCC and is part of the benchmark.

## Business Unit - Boundary View



Boundary	Ton CO2e	%
Farm	97.28	57.10
Coldstore	73.08	42.90
<b>Total</b>	<b>170.36</b>	<b>100.00</b>

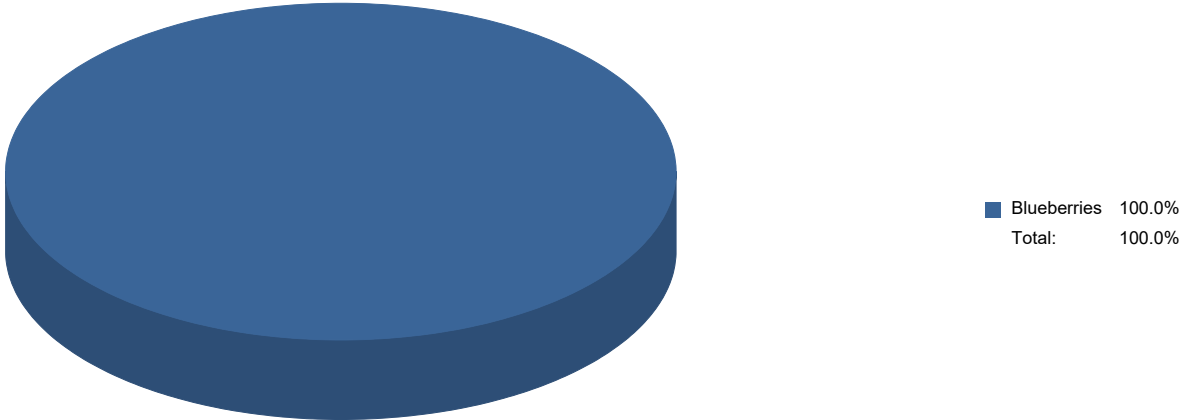
The Carbon Calculator must be completed on an annual basis. This allows users to monitor their carbon footprint trend and analyse improvements.

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

# Business Unit - Commodity View



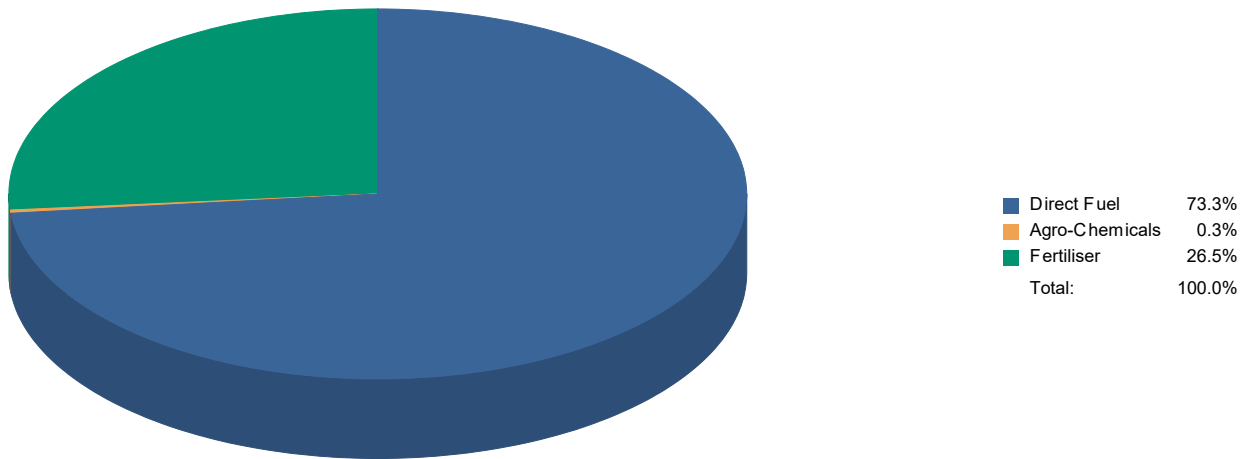
Commodity	Ton CO2e	%
Blueberries	170.36	100.00
<b>Total</b>	<b>170.36</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

## Farm - Emission Source View



Emission Source	Ton CO2e	%
Direct Fuel	71.28	73.27
Agro-Chemicals	0.25	0.26
Fertiliser	25.75	26.47
<b>Total</b>	<b>97.28</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

## Farm Commodity Benchmark

Commodity	Kg CO2e per Kg Fruit	Benchmark
Blueberries	0.78	The CCC regional median is 2.13 Kg CO2e per Kg Fruit and consist of 17 data points.

## Farm Hectare Breakdown

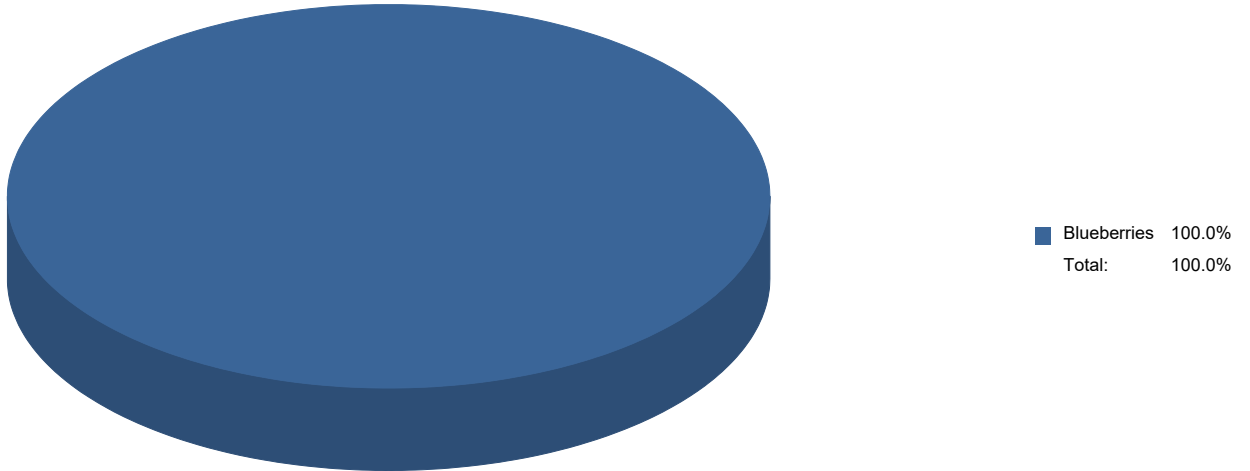
Commodity	Ton CO2e per Bearing Ha
Blueberries	6.60

## Farm Scope Breakdown

	Ton CO2e	%
Scope 1	71.28	73.27
Scope 3	26.00	26.73
<b>Total</b>	<b>97.28</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor  
**Dataset:** 2021/04/16 13:54:35  
**Data Collection Period:** Jan 2020 to Dec 2020

## Farm - Commodity View



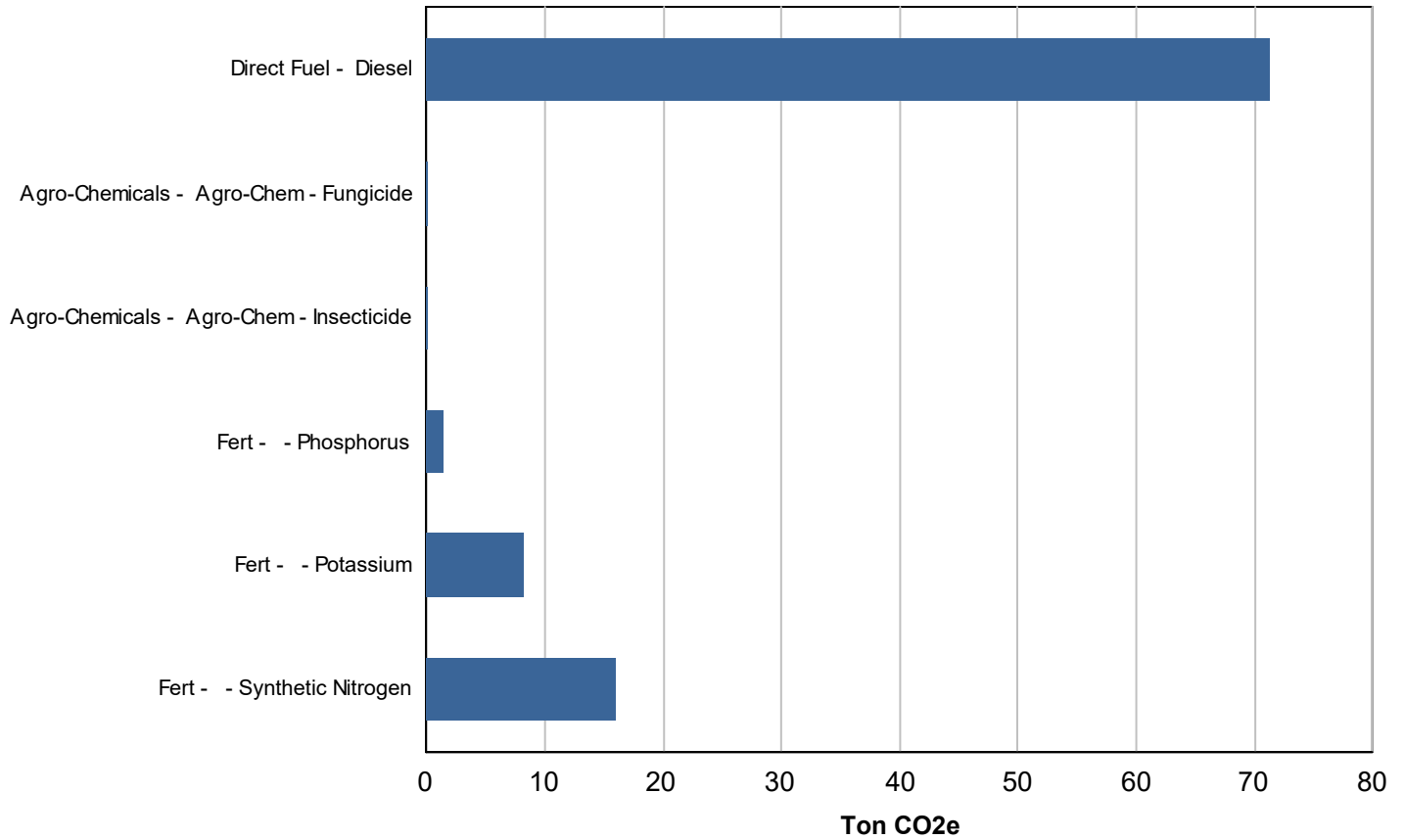
Commodity	Ton CO2e	%
Blueberries	97.28	100.00
<b>Total</b>	<b>97.28</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

## Farm - Emission Source Breakdown



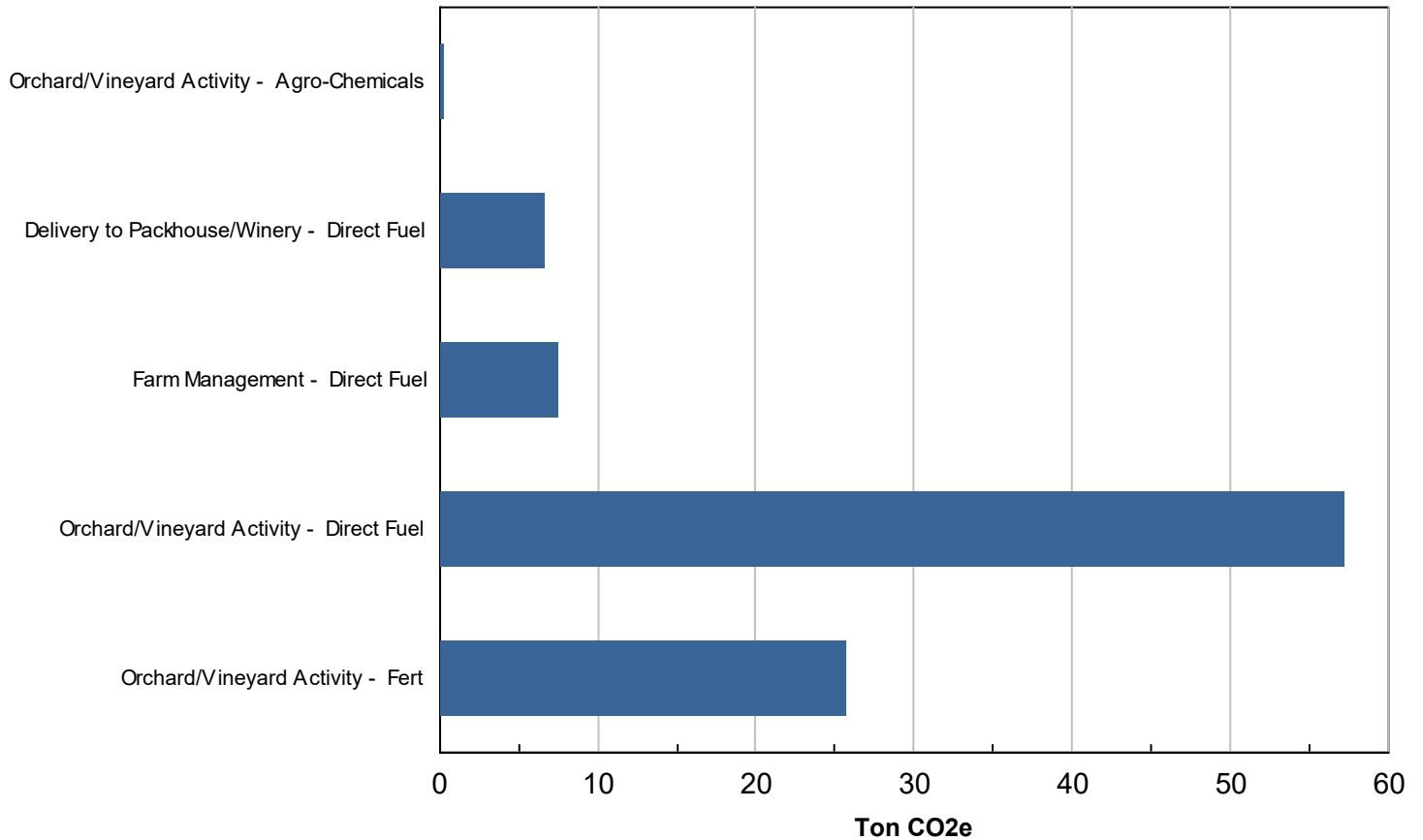
<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel - Diesel	71.28	73.27
Agro-Chemicals - Agro-Chem - Fungicide	0.10	0.11
Agro-Chemicals - Agro-Chem - Insecticide	0.15	0.15
Fert - - Phosphorus	1.46	1.50
Fert - - Potassium	8.27	8.50
Fert - - Synthetic Nitrogen	16.02	16.47
<b>Total</b>	<b>97.28</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

## Farm - Activity Breakdown



Activity Breakdown	Ton CO2e	%
Orchard/Vineyard Activity - Agro-Chemicals	0.25	0.26
Delivery to Packhouse/Winery - Direct Fuel	6.57	6.76
Farm Management - Direct Fuel	7.48	7.69
Orchard/Vineyard Activity - Direct Fuel	57.23	58.82
Orchard/Vineyard Activity - Fert	25.75	26.47
<b>Total</b>	<b>97.28</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

## Detailed Carbon Emissions Breakdown

Detailed Activities	Ton CO2e	%
Direct Fuel - Diesel - Orchard/Vineyard Activity - BO	35.77	36.77
Direct Fuel - Diesel - Orchard/Vineyard Activity - NBO	21.46	22.06
Direct Fuel - Diesel - Delivery to Packhouse/Winery	6.57	6.76
Direct Fuel - Diesel - Farm Management	7.48	7.69
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - BO	10.01	10.29
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - NBO	6.01	6.17
Fert - - Phosphorus - Orchard/Vineyard Activity - BO	0.91	0.94
Fert - - Phosphorus - Orchard/Vineyard Activity - NBO	0.55	0.56
Fert - - Potassium - Orchard/Vineyard Activity - BO	5.17	5.31
Fert - - Potassium - Orchard/Vineyard Activity - NBO	3.10	3.19
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - BO	0.07	0.07
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - NBO	0.04	0.04
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - BO	0.09	0.09
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - NBO	0.05	0.06
<b>Total</b>	<b>97.28</b>	<b>100.00</b>



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

**Dataset:** 2021/04/16 13:54:35

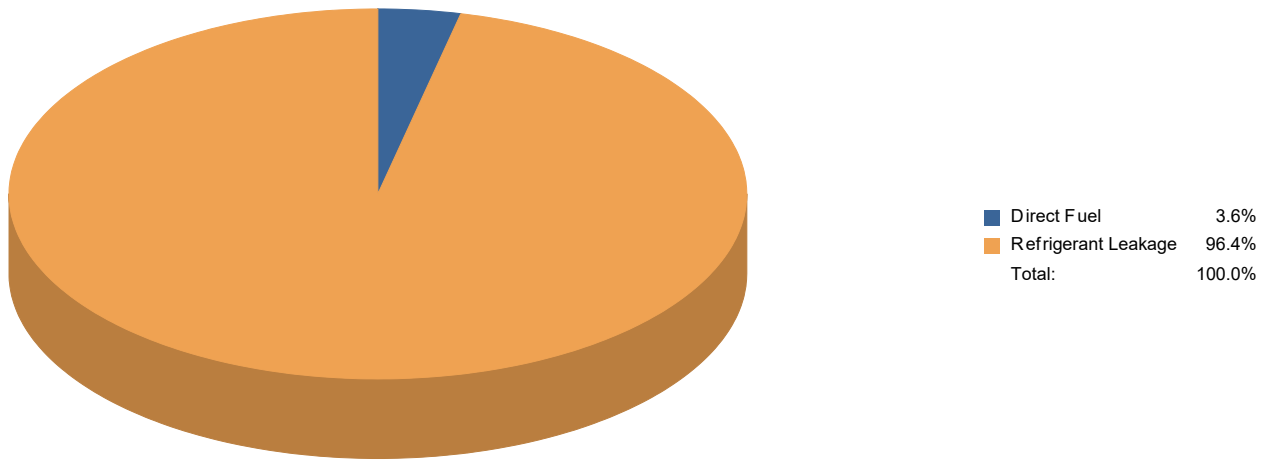
**Data Collection Period:** Jan 2020 to Dec 2020

## Farm Consumption Benchmarks

Commodity	Consumption Measure	Result	Benchmark
Blueberries	kL Water per Ton Fruit	37.58	The CCC regional average is 840.63 kL Water per Ton Fruit and consist of 17 data points.
Blueberries	kL Water per Bearing Ha	354.84	The CCC regional average is 4837.30 kL Water per Bearing Ha and consist of 17 data points.
Blueberries	kL Water per Non-Bearing Ha	207.70	The CCC regional average is 1504.12 kL Water per Non-Bearing Ha and consist of 17 data points.
Blueberries	Liters Orchard / Vineyard Diesel per Ton Fruit	114.30	The CCC regional average is 143.88 Liters Orchard / Vineyard Diesel per Ton Fruit and consist of 17 data points.
Blueberries	Liters Orchard / Vineyard Diesel per Bearing Ha	1,079.25	The CCC regional average is 586.78 Liters Orchard / Vineyard Diesel per Bearing Ha and consist of 17 data points.
Blueberries	Kg Pure N per Ton Fruit	8.80	The CCC regional average is 35.40 Kg Pure N per Ton Fruit and consist of 17 data points.
Blueberries	Kg Pure N per Bearing Ha	83.12	The CCC regional average is 176.99 Kg Pure N per Bearing Ha and consist of 17 data points.

**Business Name:** J&L Construction Mooihoekspoor  
**Dataset:** 2021/04/16 13:54:35  
**Data Collection Period:** Jan 2020 to Dec 2020

## Coldstore - Emission Source View



Emission Source	Ton CO2e	%
Direct Fuel	2.65	3.63
Refrigerant Leakage	70.43	96.37
<b>Total</b>	<b>73.08</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

### Coldstore Commodity Benchmark

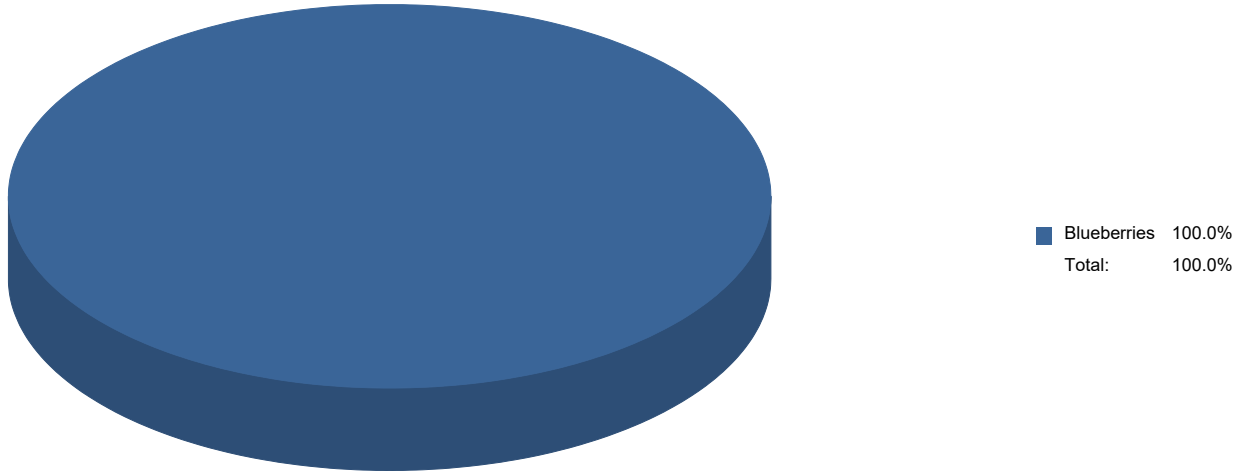
Commodity	Kg CO2e per Kg Fruit	Benchmark
Blueberries	0.77	The CCC regional median is 0.62 Kg CO2e per Kg Fruit and consist of 11 data points.

### Coldstore Scope Breakdown

	Ton CO2e	%
Scope 1	73.08	100.00
<b>Total</b>	<b>73.08</b>	<b>100.00</b>

**Business Name:** J&L Construction Mooihoekspoor  
**Dataset:** 2021/04/16 13:54:35  
**Data Collection Period:** Jan 2020 to Dec 2020

## Coldstore - Commodity View



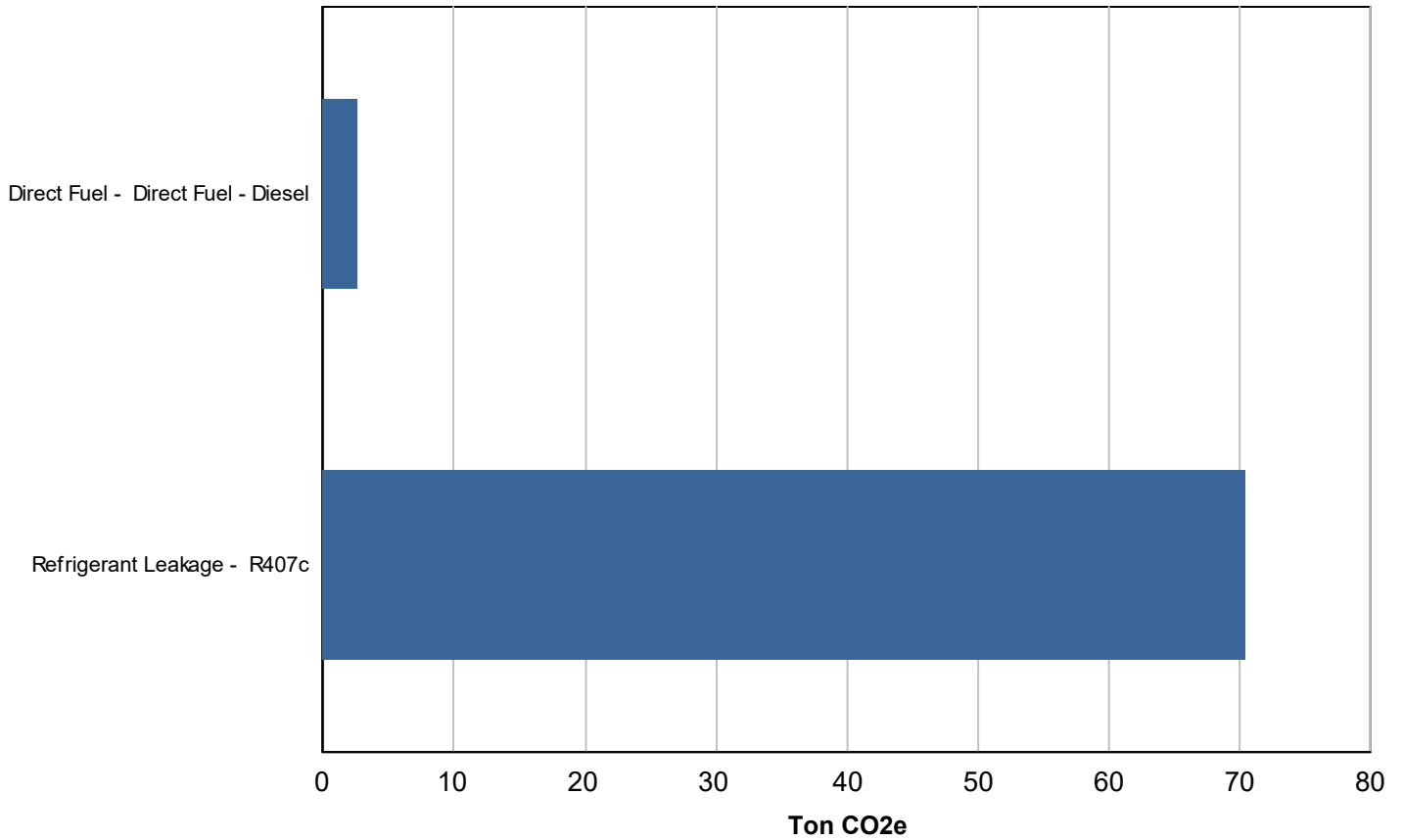
Commodity	Ton CO2e	%
Blueberries	73.08	100.00
<b>Total</b>	<b>73.08</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

**Data Collection Period:** Jan 2020 to Dec 2020

## Coldstore - Emission Source Breakdown



<b>Emission Source</b>	<b>Ton CO2e</b>	<b>%</b>
Direct Fuel - Direct Fuel - Diesel	2.65	3.63
Refrigerant Leakage - R407c	70.43	96.37
<b>Total</b>	<b>73.08</b>	<b>100.00</b>

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

**Dataset:** 2021/04/16 13:54:35

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