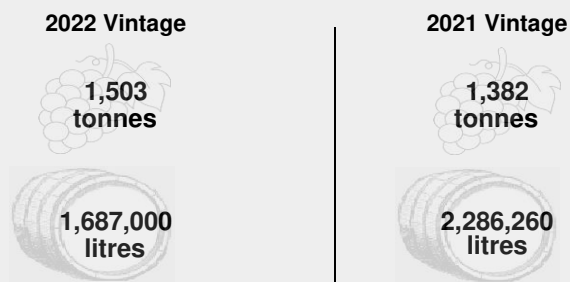


# Winery Water Report

## Winery Summary

Vintage	2022
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Marlborough

## 1 Quantity of production and winery water use



2022 Vintage		2021 Vintage
2,733	kL or m <sup>3</sup> /year	2,538
1.6	L/L wine	1.1
1,820	L/t grapes	1,836

## How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management

<http://tinyurl.com/znu3bbb>

There are also numerous resources on the NZWine website

<https://www.nzwine.com/members/sustainability/guides/water/>

Water data entered into WiSE



Data included in analysis

(Anticipated range is 0.01-15 L/L wine)



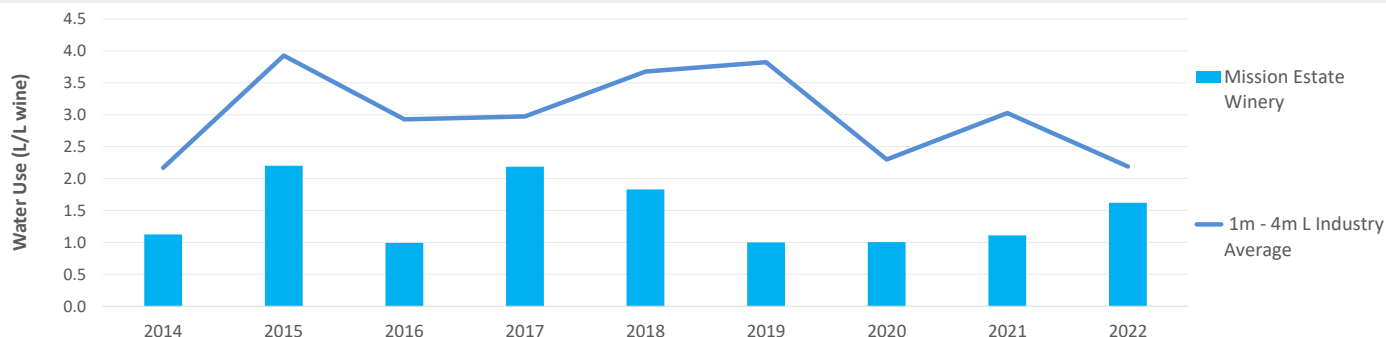
## 2 Winery Comparisons by Production Volume:

Your winery water use (L/L wine) 1.6

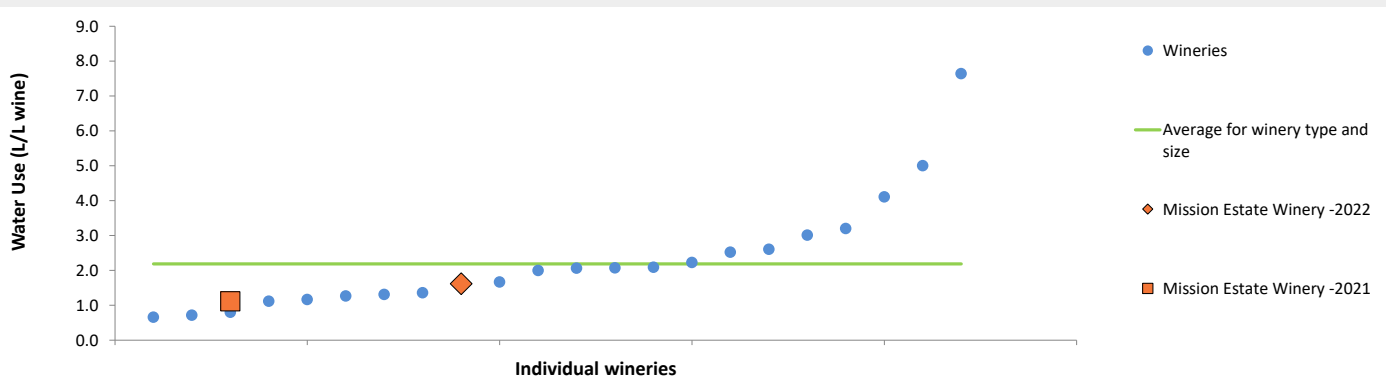
Winery average water use for 1m - 4m L of production (L/L wine) 2.2



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of (L/L wine)



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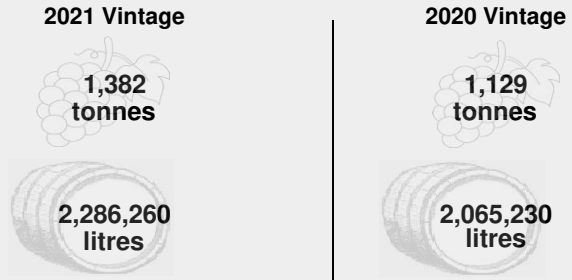


# Winery Water Report

## Winery Summary

Vintage	2021
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use



## How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management <http://tinyurl.com/znu3bbb>

There are also numerous resources on the NZWine website, including this comprehensive guide on water use in wineries <https://tinyurl.com/winery-water-resources>

2021 Vintage		2020 Vintage
2,538	kL or m <sup>3</sup> /year	2,074
1.1	L/L wine	1.0
1,840	L/t grapes	1,840

Water data entered into WiSE 

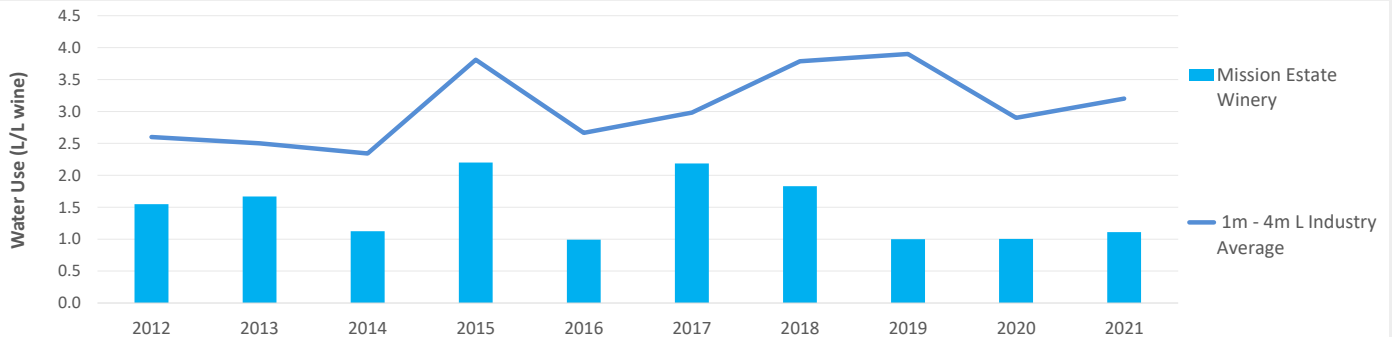
Data included in analysis   
(Anticipated range is 0.01-15 L/L wine)

## 2 Winery Comparisons by Production Volume: 1m - 4m L

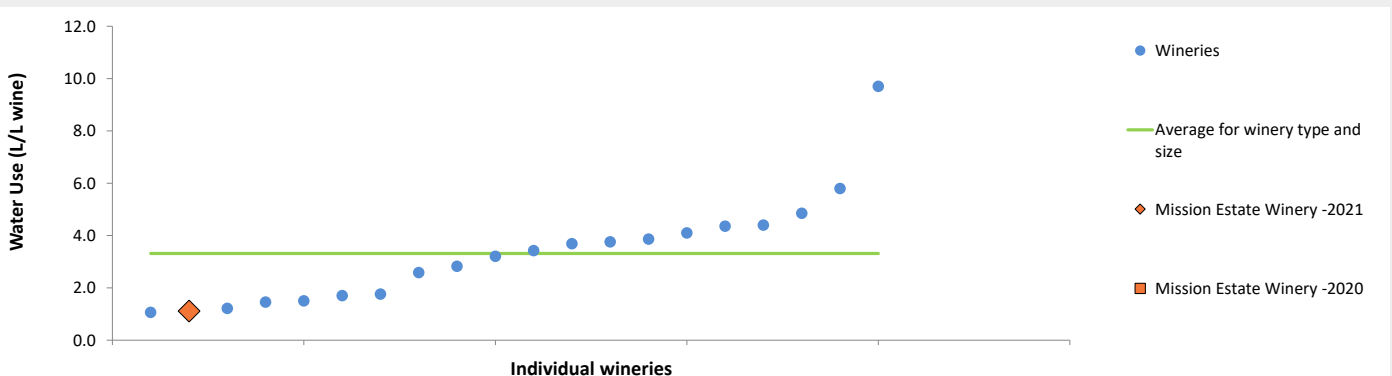
Your winery water use (L/L wine)	1.1
Winery average water use for 1m - 4m L of production (L/L wine)	3.3



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



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6/09/2021 Version: WineryReports2021

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# Winery Water Report

## Winery Summary

Vintage	2020
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use

2020 Vintage



2019 Vintage



## How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management <http://tinyurl.com/znu3bbb>

There are also numerous resources on the NZWine website, including this comprehensive guide on water use in wineries <https://tinyurl.com/winery-water>

2020 Vintage

2019 Vintage

2,074

kL or m<sup>3</sup>/year

2,124

1.0

L/L wine

1.0

1,840

L/t grapes

1,880

Water data entered into WiSE



Data included in analysis

(Anticipated range is 0.01-15 L/L wine)



## 2 Winery Comparisons by Production Volume: 1m - 4m L

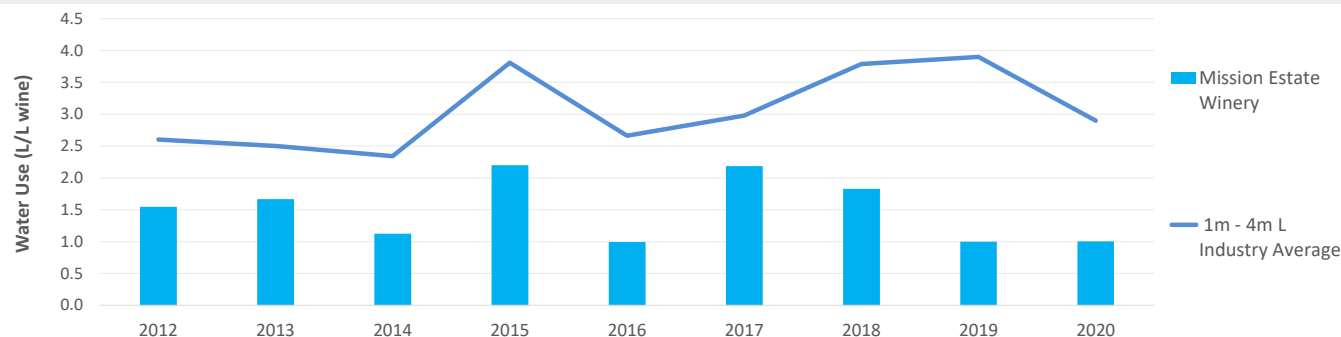
Your winery water use (L/L wine) 1.0



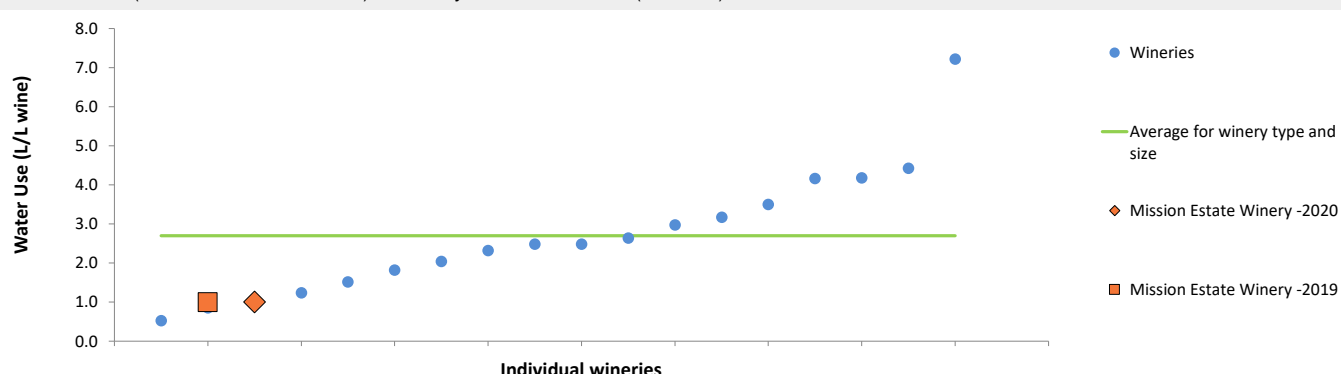
Winery average water use for 1m - 4m L of production (L/L wine) 2.7



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



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17-08-20 Version: WineryReports2020 (2)



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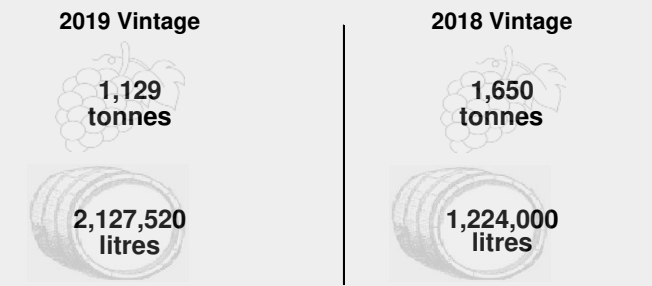


# Winery Water Report

## Winery Summary

Vintage	2019
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use



2019 Vintage	2018 Vintage
-	kL or m <sup>3</sup> /year <b>2,238</b>
-	L/L wine <b>1.8</b>
-	L/t grapes <b>1,360</b>

### How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management <http://tinyurl.com/znu3bbb>

The recently launched SWNZ Continuous Improvement programme gives members the opportunity to be recognised for sustainability achievements over and above the baseline. You can dip into the water module here <https://tinyurl.com/y99fvvet4>

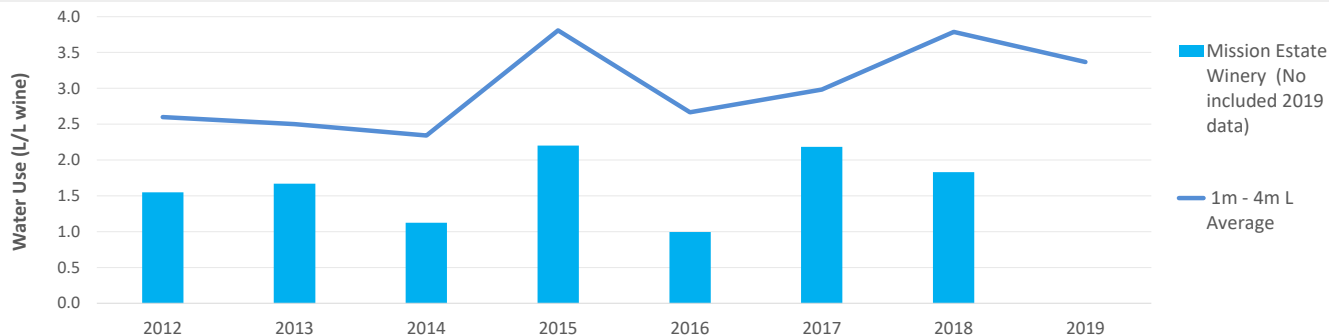
Water data entered into WiSE **✗**  
 Data included in analysis **✗**  
(Anticipated range is 0.01-15 L/L wine)

## 2 Winery Comparisons by Production Volume: 1m - 4m L

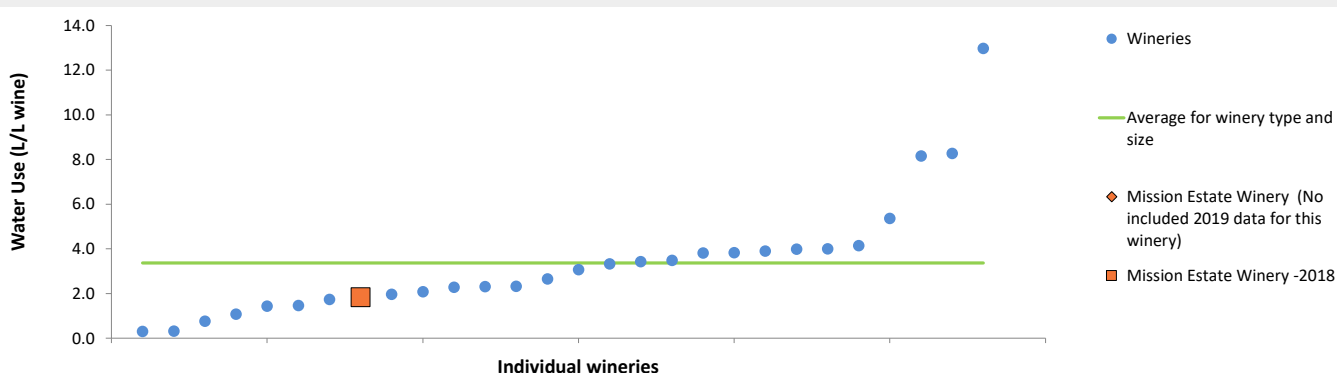
Your winery water use (L/L wine)	-
Winery average water use for 1m - 4m L of production (L/L wine)	3.4



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



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21-08-19 Version: WineryReports2019 (6)



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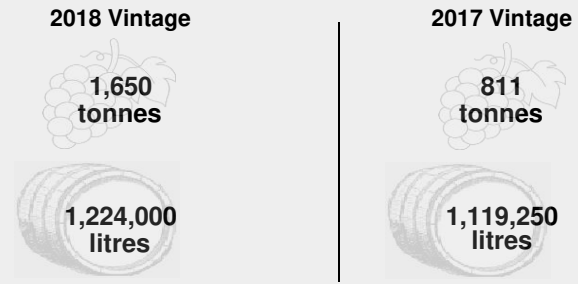


# Winery Water Report

## Winery Summary

Vintage	2018
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use



### How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management <http://tinyurl.com/znu3bbb>

The recently launched SWNZ Continuous Improvement programme gives members the opportunity to be recognised for sustainability achievements over and above the baseline. You can dip into the water module here <https://tinyurl.com/y99fvet4>

2018 Vintage	2017 Vintage
2,238	2,445
1.8	2.2
1,360	3,010
kL or m <sup>3</sup> /year	
L/L wine	
L/t grapes	

Water data entered into WiSE



Data included in analysis



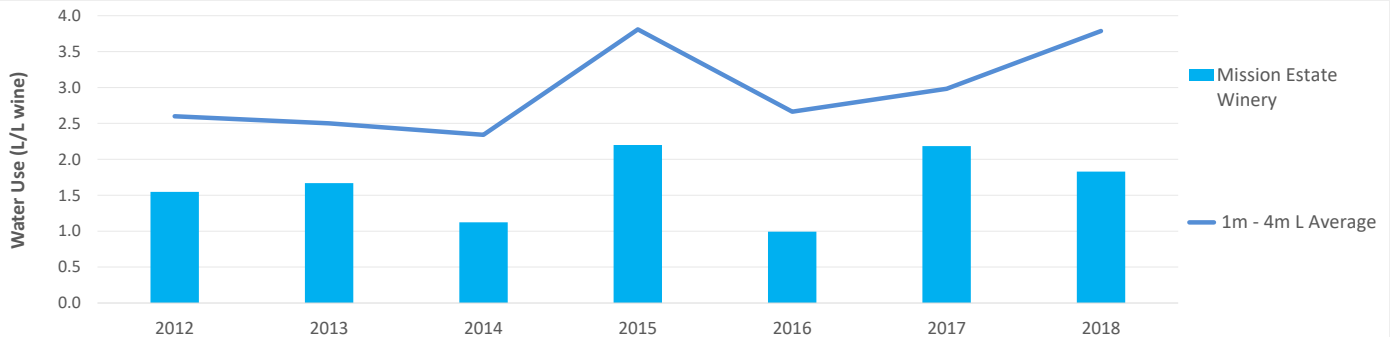
(Anticipated range is 0.5-15 L/L wine)

## 2 Winery Comparisons by Production Volume: 1m - 4m L

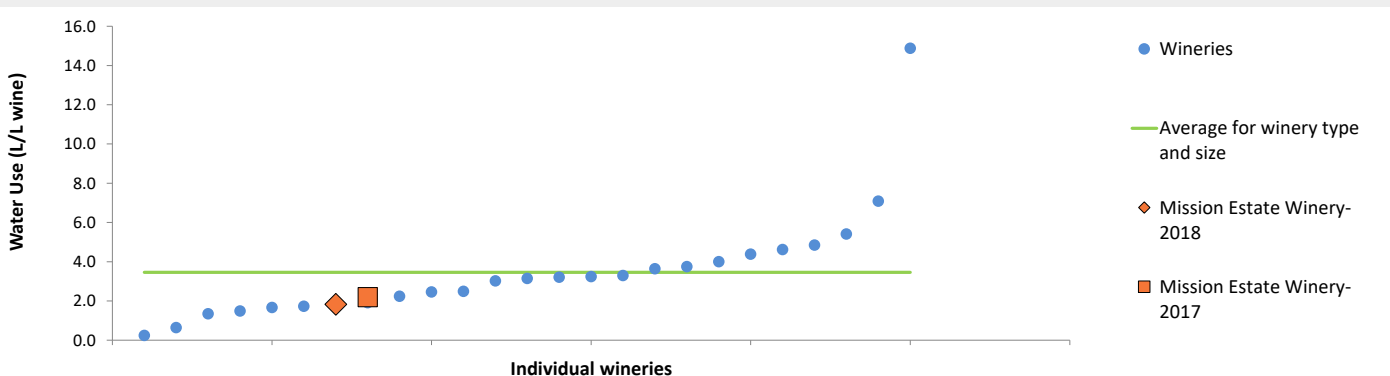
Your winery water use (L/L wine)	1.8
Winery average water use for 1m - 4m L of production (L/L wine)	3.5



## 3 Historical Winery Average Water Use by Production Volume: 1m - 4m L



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



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# Winery Water Report

## Winery Summary

Vintage	2017
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use



### How does this affect me?

The California Sustainable Winegrowing Alliance has published an excellent handbook on winery water management <http://tinyurl.com/znu3bbb>

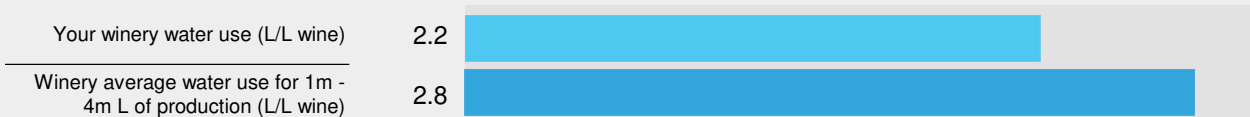
The recently launched SWNZ Continuous Improvement programme gives members the opportunity to be recognised for sustainability achievements over and above the baseline. You can dip into the water module here <https://tinyurl.com/y99fv4>

Note we use tiny url's for space reasons. These direct you to the correct web page.

2017 Vintage	2016 Vintage
2,445	1,707
2.2	1.0
3,010	1,620

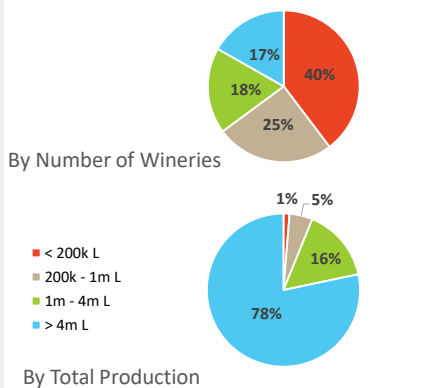
kL or m<sup>3</sup>/year  
L/L wine  
L/t grapes

## 2 Winery Comparisons by Production Volume: 1m - 4m L

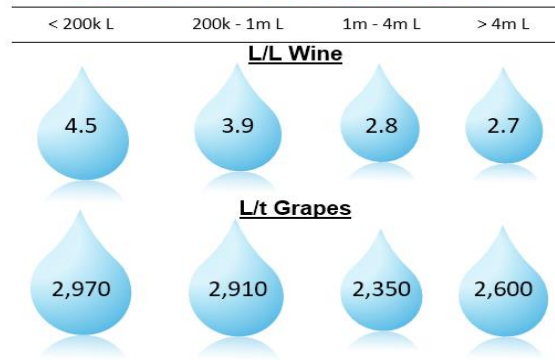


## 3 Industry Description and Performance by Winery Size

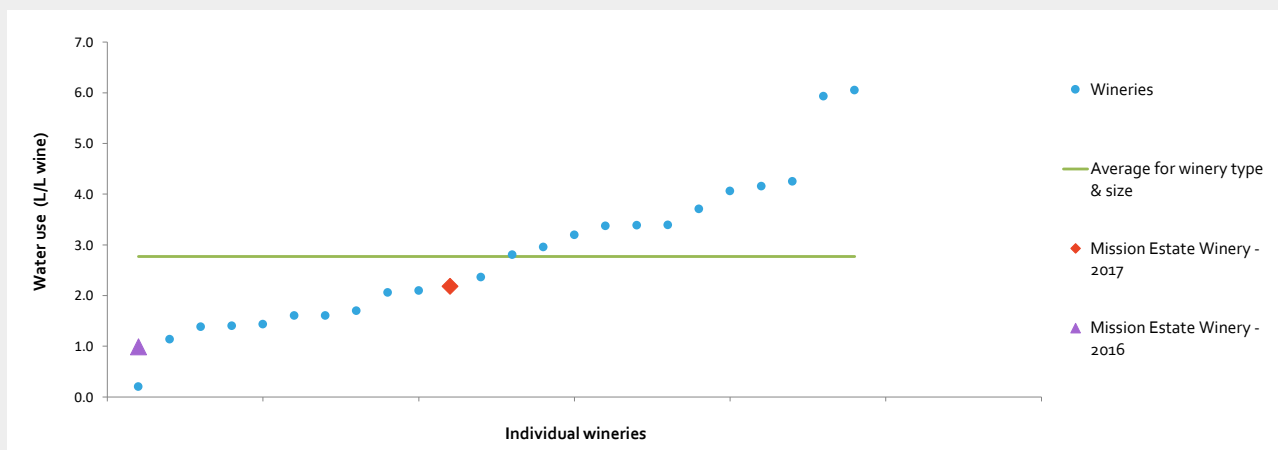
### Distribution of Winery Sizes



### Full Production Wineries Water Use



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)



Prepared by:  
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# Winery Water Report

## Winery Summary

Vintage	2016
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use

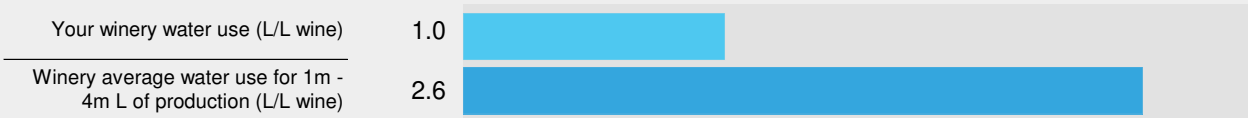
2016 Vintage		2015 Vintage
1,055 tonnes		- tonnes
1,719,067 litres		1,826,598 litres
2016 Vintage		2015 Vintage
1,707	kL or m <sup>3</sup> /year	1,716
1.0	L/L wine	2.2
1,620	L/t grapes	2,250

### How does this affect me?

National water use has dropped since 2011 from 2.6 to 2.5 L/L wine in 2016 after a spike in 2015 to 3.0 L/L.

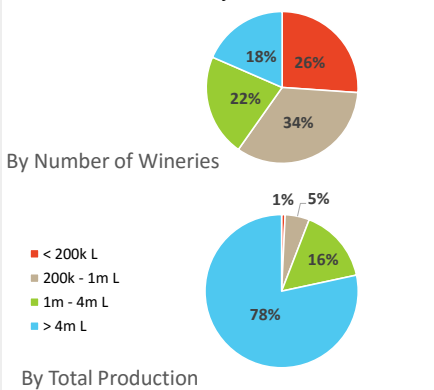
Large variations between wineries suggests opportunities for improvement.

## 2 Winery Comparisons by Production Volume: 1m - 4m L

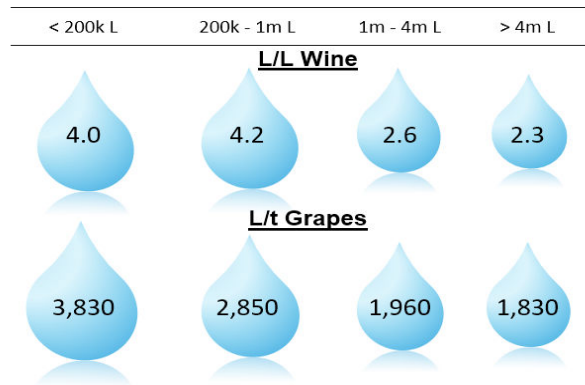


## 3 Industry Description and Performance by Winery Size

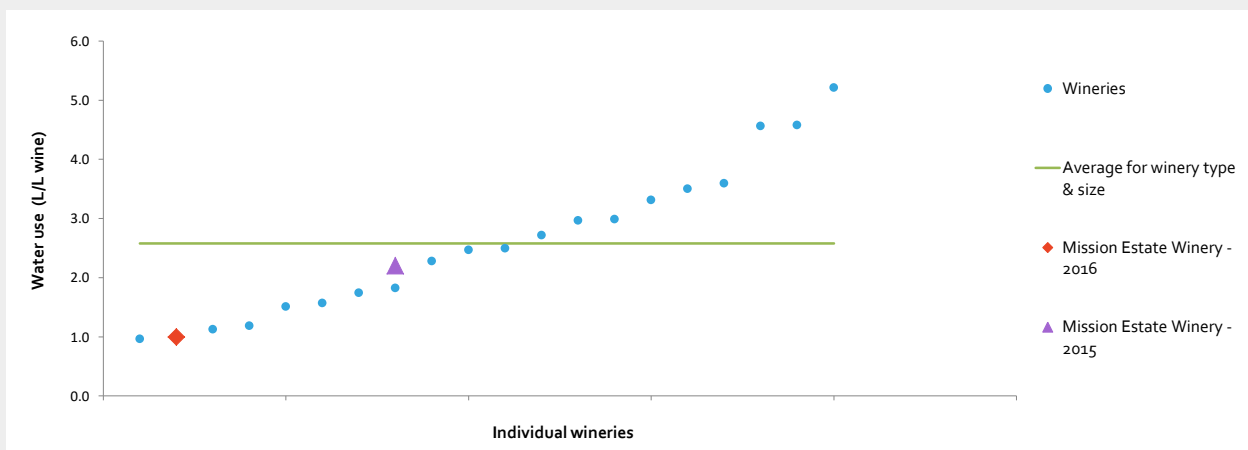
### Distribution of Winery Sizes



### Full Production Wineries Water Use



Water use (Full Production Wineries) for winery size of 1m - 4m L (L/L wine)

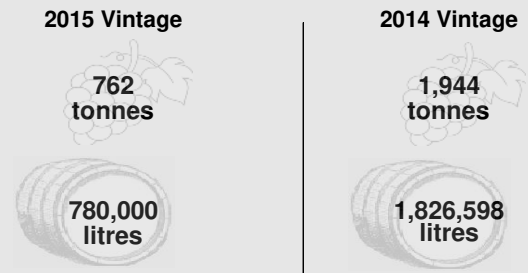


# Winery Water Report

## Winery Summary

Vintage	2015
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	200k - 1m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use



2015 Vintage		2014 Vintage
1,716	kL or m <sup>3</sup> /year	2,052
2.2	L/L wine	1.1
2,250	L/t grapes	1,060

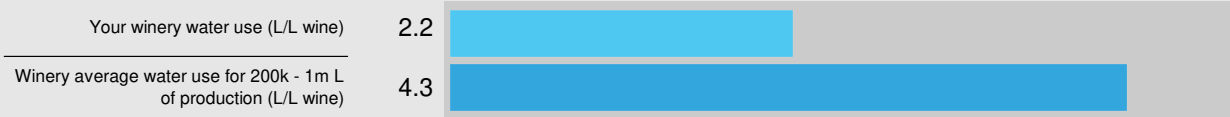
### How does this affect me?

National water use has been slowly dropping since 2011 to 2.1 L/L wine in 2014 before increasing to 3.1 L/L in 2015.

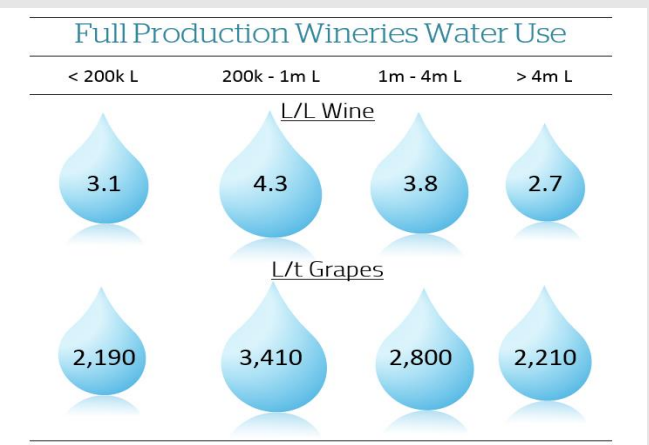
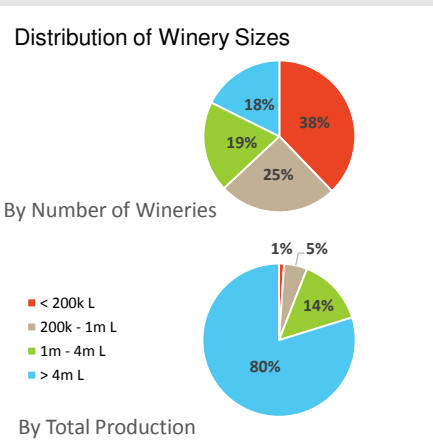
Large variations between wineries suggests opportunities for improvement.

An excellent best practice guide can be found at <http://tinyurl.com/ksvneyh>

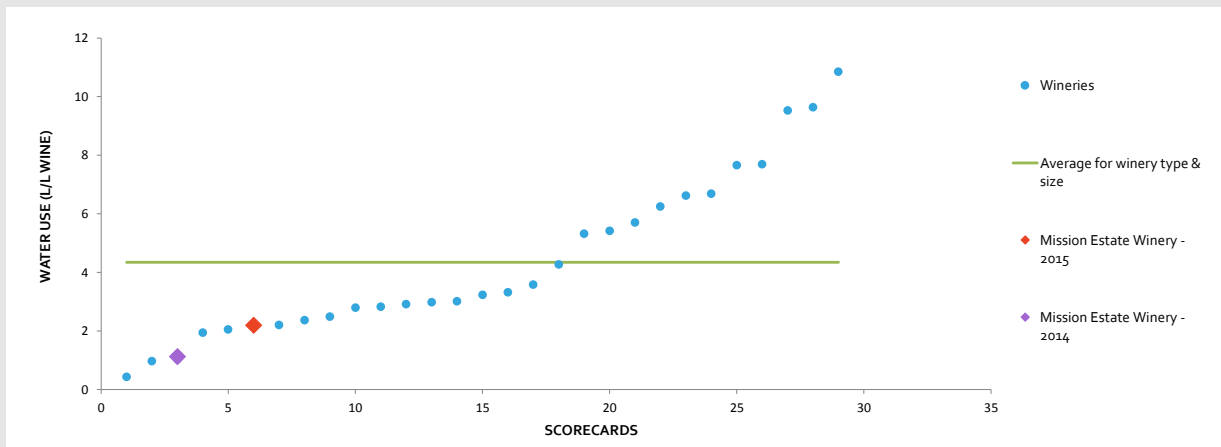
## 2 Winery Comparisons by Production Volume: 200k - 1m L



## 3 Industry Description and Performance by Winery Size



Water use (Full Production Wineries) for Winery size of 200k - 1m L (L/L wine)



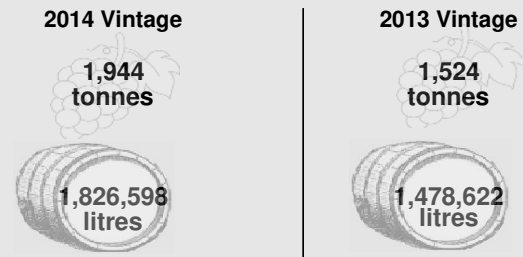


# Winery Water Report

## Winery Summary

Vintage	2014
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Crush to bottling & Crush to finished wine
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of production and winery water use



2014 Vintage		2013 Vintage
2,052	kL or m <sup>3</sup> /year	2,468
1.1	L/L wine	1.7
1,060	L/t grapes	1,620

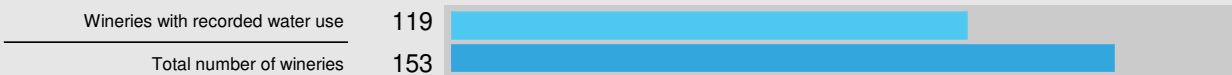
### How does this affect me?

National water use dropped slightly to 2.1 L/L from 2.2 L/L in 2013.

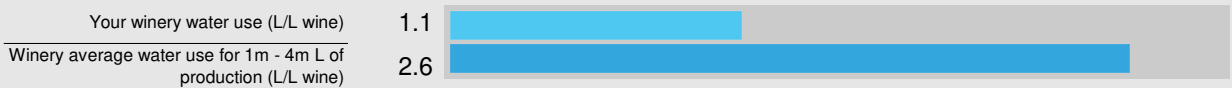
Large variations between wineries suggests opportunities for improvement.

An excellent best practice guide can be found at <http://tinyurl.com/ksvneyh>

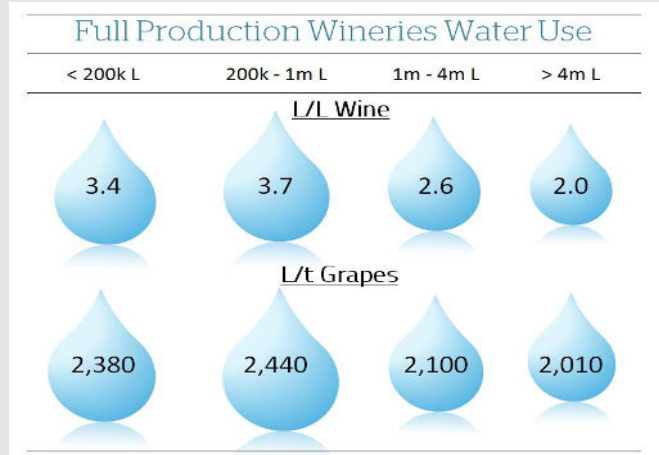
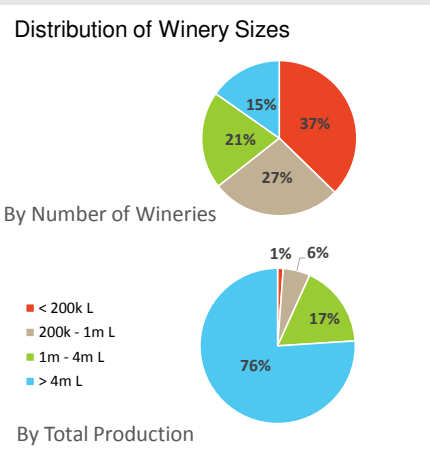
## 2 Number of Full Production Wineries



## 3 Winery Comparisons by Production Type (Full Production) and Volume



## 4 Industry Description and Performance by Winery Size



### Water use (Full Production Wineries) for Winery size of 1m - 4m L (L/L wine)

