

Frequently Asked Questions

March 2021

Recycled Water Useful Information

Soil and water

Volume of irrigation water	
1,000 litres (L)	= 1 kilolitre (kL)
1,000 kL	= 1 ML
1 acre foot (ac ft)	= 1.23 ML

Area		
10,000 square metres	= 1 hectare	= 2.47 acres
435 740 square feet	= 0.405 hectare	= 1 acre

To convert	Multiply
Gallons/acre to litres/hectare	11.2
Litres/hectare to gallons/acre	0.089

Indicative crop demand for water to assist in the calculation of irrigation water demand

Volume of irrigation water	
Almonds	2.2 – 3.0
Carrots, parsnips and turnips	1.6 – 2.0
Cauliflower, cabbage, or broccoli	1.6 – 2.0
Celery	1.2 – 2.0
Cereal crops	1.8 – 2.6
Flowers	1.6 – 3.2
Lucerne	3.2 – 4.0
Olives	2.0 – 2.6
Onions	2.0 – 2.4
Potatoes	1.6 – 2.8
Lettuce	1.6 – 2.4
Pasture	2 – 2.5
Vines	2.0 – 2.4