

# COST SAVINGS USING THE SPRINKLER SAFEGUARD

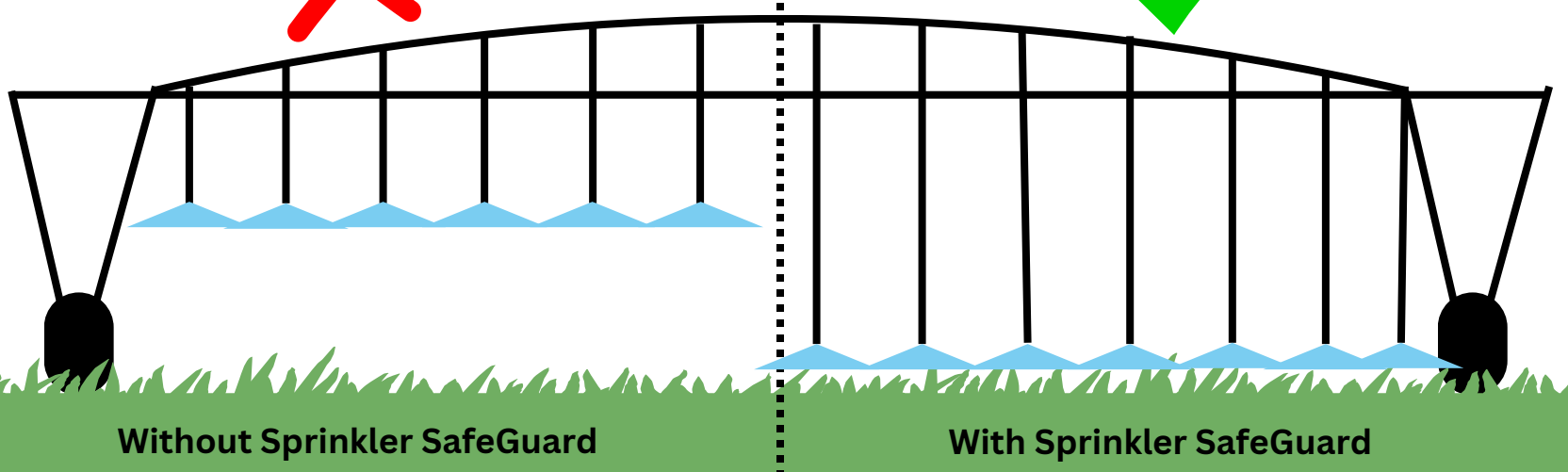


Read more at [www.agsafeguard.com.au](http://www.agsafeguard.com.au)

Data based on research conducted by Victorian Government & Washington State University



## MESA VS LESA



Without Sprinkler SafeGuard

With Sprinkler SafeGuard

Water Efficiency: ~75-80%  
Operating Pressure: ~40psi  
Outlet Spacing: ~3m

Water Efficiency: ~97%  
Operating Pressure: ~15psi  
Outlet Spacing: <1.5m

## CAPITAL COST DIFFERENCE / YEAR

Based on conversion of 50Ha (400m length) center pivot from MESA to LESA.

Capital Type	MESA	LESA with Sprinkler SafeGuard
Equipment (sprinkler heads, hoses, goose necks)	\$2075	\$3300
Labour/ Maintenance	\$570	\$0
Annual Water Pumping Cost	\$8020	\$5050
Pump Rework (may not be required)	-	\$900
Total/Yr	\$10,665	\$9,250

Capital savings using LESA with Sprinkler SafeGuard:  
= \$1,415/yr  
= \$28.30/Ha/yr

## WATER SAVINGS

Based on 50Ha (400m) center pivot irrigating perennial pasture at 9ML/Ha annually.

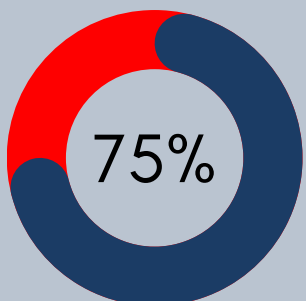
LESA saves 1.98ML of water/Ha/yr.

This is 99ML/year saved using LESA for the average center pivot.

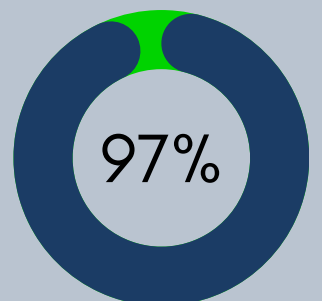
Market Value of Wasted Water:

Transferable Water Value:  
@\$1000/ML = \$99,000/yr  
= \$1,980/Ha/yr

Lease Water Value:  
@\$150/ML = \$14,850/yr  
= \$297/Ha/yr



MESA water wasted/yr:  
2.25ML



LESA water wasted/yr:  
0.27ML

TOTAL SAVINGS WITH  
SPRINKLER SAFEGUARD  
**\$325.30/Ha/yr**

THE AVERAGE CENTER PIVOT WILL SAVE

**\$16,265/yr**

USING THE SPRINKLER SAFEGUARD