

Western Port Greenhouse Alliance Agricultural Emissions Project

Idea No: 86

Footprint Rating:



Shelter Belts

Description: Shelter Belts of vegetation can provide multiple benefits to a farm. They act as a carbon sink, sequestering carbon from the atmosphere. Shelter belts will increase the fertility of the soil and pasture - thus increasing beef production. Shelter belts will also help to reduce erosion, reduce the impact from wind and neighbouring spray drifts or dust and encourage wildlife.

Environmental Benefits as opposed to the current system

% reduction in GHG emissions:	25.81%
% increase in water efficiency:	1.56%
% reduction in waste to landfill:	0.00%
% increase in production:	3.91%

Benefits: Increased animal sheltering results in increased beef production and carbon sequestration.

Costs: \$10,000

Savings: Save 44t CO₂e + 8t CO₂e sequestered.
Increased beef production of 3243kg.



Implementation/Monitoring/Reporting



For more information see the following websites:

http://www.dpi.vic.gov.au/DPI/Vro/wgregn.nsf/pages/wg_lwm_trees_farms

http://www.dpi.vic.gov.au/dpi/vro/wgregn.nsf/pages/wg_lwm_establishing_trees

[http://www.dpi.vic.gov.au/dpi/nreninf.nsf/9e58661e880ba9e44a256c640023eb2e/87c25602fcd02740ca256e720024e8c6/\\$FILE/LC0422.pdf](http://www.dpi.vic.gov.au/dpi/nreninf.nsf/9e58661e880ba9e44a256c640023eb2e/87c25602fcd02740ca256e720024e8c6/$FILE/LC0422.pdf)

http://www.dpi.vic.gov.au/DPI/Vro/wgregn.nsf/pages/wg_lwm_trees_farms
<http://www.specialeffectsnursery.com.au/images/shelter3.jpg>

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