

Western Port Greenhouse Alliance Agricultural Emissions Project

Idea No: 41

Footprint Rating:



Practice methods that reduce diesel consumption

Description: By adopting practices that reduce the amount of diesel consumed, both the amount of CO2 emissions produced and the cost spent on fuel is reduced. Diesel use can be reduced by changing field practices such as operating in the correct gear, reducing idling time, covering an area in the most effective way - reducing time spent turning, multitasking - applying fertiliser when sowing seed and making sure the appropriately sized vehicle and/or equipment is used for the job. By having vehicles are well tuned and have regular servicing ensures efficient operation. Having the right tyre pressure and ballast can also make a considerable reduction in fuel use.

Environmental Benefits as opposed to the current system

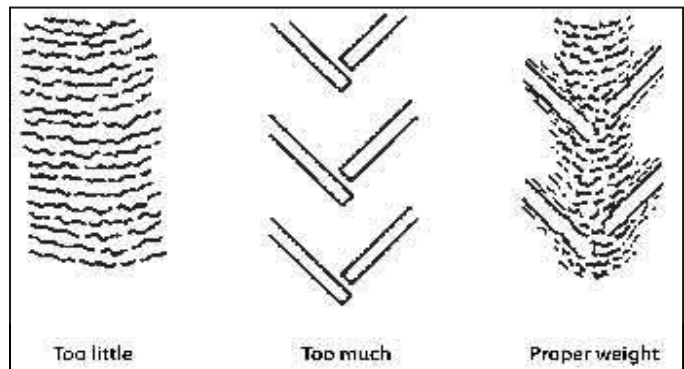
| | |
|-----------------------------------|-------|
| % reduction in GHG emissions: | 0.97% |
| % increase in water efficiency: | 0.00% |
| % reduction in waste to landfill: | 0.00% |
| % increase in production: | 0.00% |

Benefits: Reduced fuel costs and emissions

Costs: \$0

Savings: \$1091 and 2.1t CO2 per year.

Implementation/Monitoring/Reporting



The above shows the resultant slippage due to incorrect weight.

For more information see the following websites:

<http://attra.ncat.org/attra-pub/consfuelfarm.html>

<http://agbiopubs.sdstate.edu/articles/ExEx14095.pdf>

<http://www.watermarkkilns.com.au/08Dexter/scaledtractor.jpeg>

<http://attra.ncat.org/images/consfuelfarm/TireSlipage.jpg>

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