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WHERE TO GET MORE PROOF OF RESULTS

The Economic Benefits of Native
Shelterbelts Report - (EBONS Report)
free download from
www.basalttobay.org.au

NOTES

MORE PROFIT SERIES
other guides available:
Dairy, Sheep & Wool, Cattle
and All AG Risk Reduction

Published by the Basalt to Bay Landcare
Network, Koroit, November 2016

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2016

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MORE PROFIT

CROPS & PASTURE

Using Landcare Methods

WITHOUT SHADE & SHELTER BELTS USING NATIVE PLANTS

- Without shelter, pasture and crops experience the full impact of the weather - including wind turbulence dessicating the seed & removing topsoil exposed to wind.
- It takes many generations to create even a few mm of top soil to replace what is lost in one wind event in an unsheltered ploughed paddock.
- Landscapes where woody vegetation has been removed for cropping at scale (WA) have experienced reduced rainfall. Trees exhale moisture and stimulate cloud formation.
- Without flowering plants between crops, local pollinators are not as abundant when needed for crops. This reduces harvest and increases reliance on European Bees.

WITH SHADE & SHELTER BELTS USING NATIVE PLANTS

- Shelter from wind reduces moisture loss in late spring by up to 10mm of moisture.
- Pastures sheltered from wind and heat grow 18% more grass.
- Windbreaks increase crop yields by 25% - even allowing for competition along the belt edge.
- Crop increases due to shelter belts in areas over 600mm annual rainfall include 22% for oats, and 47% for wheat.
- Sheltered pastures lose less water than open pastures.
- Shelterbelts of flowering natives do double duty - sheltering crops and attracting and retaining pollinators and beneficial pest control (insects & birds).
- They also shelter stock when paddocks revert to grazing, ensuring livestock is shaded and sheltered as well.

WHO CAN GIVE ME MORE ADVICE ON PLANTING SHADE & SHELTER BELTS?

- Basalt to Bay Landcare Network
info line - 0408 712 713
basalttobay@gmail.com
- Australian Wool Innovation (AWI)
- Australian Government -
Department of Agriculture
- Bega Cheese
- Dairy Australia
- Fonterra
- Glenelg Hopkins CMA
- Landcare Australia
- Meat & Livestock Australia (MLA)
- Midfield Group
- Murray Goulburn Co-op
- Otway Agroforestry Network
- Victorian Farmers Fed (VFF)
- Warrnambool Cheese & Butter
Factory
- Westvic Dairy
- Victorian Landcare Gateway
www.landcarevic.org.au