



Social Media In Agriculture



FACT SHEET

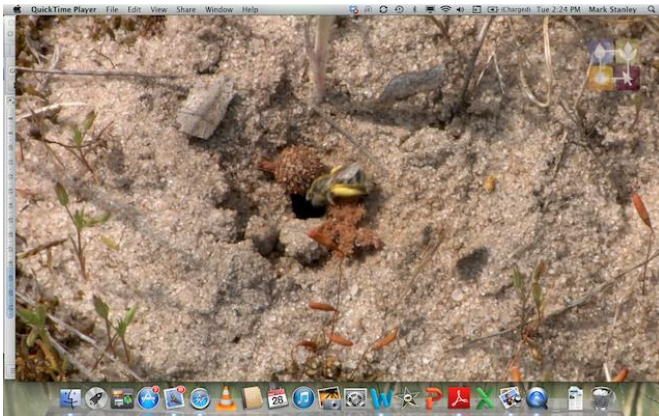
Native Bees & Honey Bees in Farming Systems

The following short videos were produced on the Yorke Peninsula of South Australia to demonstrate the value of honey bees and native bees in the farming landscape. The videos highlight the move by farmers to adopting integrated pest management practices to protect beneficial insects in farming systems.

Benefits from bee pollination in broad-acre crops

Danny LeFeuvre from Australian Bee Services and Bill Long from Ag Consulting Co. discuss the benefits of bee pollination in broad-acre crops and how this has impacted on farmer attitudes to pest management. Canola and bean yields have been increased by 30% whilst lupin yields have been increased by 15%. Understanding the value of bees and other pollinating insects has led to the introduction of integrated pest management practices on farms, reducing the use of pesticides. This work has been supported by the Yorke Peninsula Alkaline Soils Group with funding from Caring for Our Country and GRDC.

<http://youtu.be/3gfPK1bfGT4>



Integrated pest management (IPM) in broad-acre farming

Steve Mattschoss discusses IPM on "Halycon", the farm he manages near Maitland on the Yorke Peninsula of SA. Steve has achieved consistent yield increase of one tonne per hectare in beans since using bees for pollinating his crops. Over this time his approach to using pesticides in his crops has changed considerably towards integrated pest management to reduce damage to beneficial insects. Different strategies are applied across the farm to manage pests with reduced pesticide use. This work has been supported by the Yorke Peninsula Alkaline Soils Group with



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funding from Caring for Our Country.

<http://youtu.be/pOeeNevJC30>

Facts about native bees

Katja Hogendoorn, from the University of Adelaide, discusses native bees and their importance for our natural environment. Native bees have co-evolved with native plants for millions of years in Australia. There is a huge range of native plants that rely on native bees for pollination. The introduced honeybee cannot is not able to pollinate these plants. This work is part of a project supported by the Northern Yorke Natural Resources Management Board.

<http://youtu.be/pxc3VZZSuhY>

Native bees in cropping systems

Katja Hogendoorn, from the University of Adelaide, discusses native bees in broad acre cropping systems. There are several native bee species that will pollinate crops. Yield increases can be up to 30% in some broad acre grain legume and 10% in canola crops if pollination is effective. No till farming systems provide an ideal environment for native bees to nest and thrive in. They need flowers to sustain them after the crop has finished flowering. Insecticide use needs to be managed carefully to impacts on native bee populations. This work is part of a project supported by the Northern Yorke Natural Resources Management Board.

<http://youtu.be/KFs8yddp4EI>