

Long Term Projection:

Sustainable Farm Practices
Australia's agricultural lands will support and maintain clean water, biodiversity and healthy soils, while continuously improving food and fibre productivity. The agricultural sector will be based on the sustainable management of natural resources and be better able to respond to the threats and opportunities created by changed circumstances, particularly a changing climate.

Community Skills, Knowledge and Engagement
An informed Australian community that supports, and is effectively and actively engaged in, activities to protect our environment and sustainably manage our natural resources.

Intermediate Targets:

Improving Management Practices
To increase by 10 000 farmers adopting management practices to improve soil health by reducing the risk of soil acidification, soil loss through wind and water erosion and/or increasing the carbon content of soils by June 2013.
Improve the management practices of an additional 55 million hectares of land under cropping, horticulture and grazing.

Improving Knowledge and Skills
To increase by 15 000 the number of farmers/fishers improving their knowledge and skills in natural resource management by June 2013

KEY EVALUATION QUESTIONS
1. Do farmers have the confidence, knowledge and skills to manage weeds using the practices demonstrated through this project? Are they using less herbicides as a result?
2. Which practices did farmers adopt and why? Do they intend to adopt the practices promoted through this project over a wide scale on their properties?

Immediate Outcomes

To increase the number of farmers who intend adopt management practices which improve soil health and reduce wind erosion by reducing the reliance of Glyphosate as a weed management strategy in no-tillage systems.
No. of farmers intending to adopt improved management practices

To increase the number of farmers who have improved their knowledge and skills in managing soil health and wind erosion and are participating in natural resource management activities.
No. of farmers improving knowledge and skills

Communications and Community Engagement
Farmers are supported by Wheatbelt NRM knowledge management, communications and engagement services

MER
Program Monitoring, Evaluation, Reporting and Improvement (MERI) coordinated through Wheatbelt NRM MERI services

Outputs:

Trials of double knock method and harrington seed destructor to control weeds in no-tillage systems

Outcomes of trials and GRDC Glyphosate resistance research is extended to broader farming community via WANTFA Conference

Local farmers participate in extension activities at demonstration sites.

Instruction DVD on methods to overcome Glyphosate resistance in no-till cropping systems

Media releases, articles, extension and promotional information

Project Communications and Community Engagement Plan

Management Response (Improvement process)

Project Evaluation Report

Activities:

Report on outcomes of trial site

Develop workshop and supporting extension materials
No. of events

Land managers attend field walks at demonstration sites
No. of participants

Filming, editing and production of DVD
No. & Type of Extension Products

Coordinate delivery of field days and distribution of extension materials and media releases

Develop extension materials for media, promotional information, workshops and training events

Provide support for stakeholder networks

Undertake project evaluation

Annual project review

Collect, analyse and report on immediate outcomes

Data management and maintenance

Coordinate monitoring activities

Foundational Activities:

Develop trial design

Identify appropriate demonstration sites

Develop content for DVD, extension materials and WANTFA conference

Develop Communications and Community Engagement Plan

Develop MERI Plan