

ACCELERATING CHANGE FOCUS AREAS

ACHIEVEMENTS TO DATE:

MONITORING & MEASUREMENT

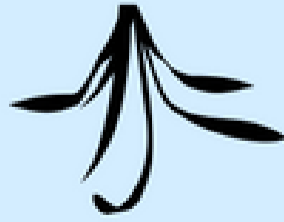
- Impact of irrigation intervals on lucerne yield & \$ contribution of perennial pasture, sorghum, lucerne & annuals to farm systems
- Regionally specific calibration of automatic pasture reader
- Testing & evaluation of different soil moisture monitoring technology for use in pasture species

EXTENSION

- Successful Summer Cropping
- Successful Winter Cropping
- Innovation Bus Tour
- Understanding and Managing Soil Constraints
- Flexible Feeding Systems for All Seasons
- Agronomy Network & Risk Management & Strategic Planning Pilot
- Resource development

STRATEGIC PLANNING & ANALYSIS

- Paper-optimal decision making to drive resilience
- Forums x 2- future ready systems
- Contribution to RD&E projects including Feedback survey
- Cross sectoral learnings



FORAGES

- \$ value of different annual & perennial forage types
- Optimising agronomic management
- Flexible Feeding Systems For All Seasons
- Lucerne masterclasses



NUTRITION

- Implications for intensification of systems
- Linkages with forage planning
- Cross-sectoral learnings



CROPPING

- \$ value of sorghum
- Successful summer cropping
- Successful winter cropping
- Coordination of agronomic resources & guides
- Cross sectoral learnings



SOILS

- Soils Constraints Roadtrip- understanding and managing soil constraints on your farm
- Integration of soils info in production modules-cropping & autumn start up



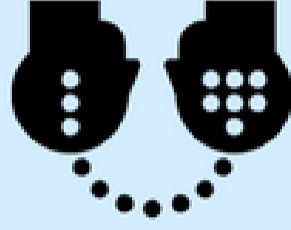
FUTURE DAIRY SYSTEMS

- Risk management & strategic planning pilot
- Family to corporate farm model transition
- Murray Dairy Business Forum- focus on future ready systems
- Optimal decision making- Australian Dairy Conference paper



IRRIGATION

- Soil moisture monitoring
- Technology for dairy systems \$ different irrigation intervals
- Innovation bus tour
- Online Irrigation Hub-efficient investment & management
- Linkages with other RD&E projects



SERVICE PROVIDER CAPABILITY

- Murray Dairy Agronomy Network
- Consistent technical messaging across industry
- Leveraging private sector extension mechanisms
- Identifying & building capacity and capability in service sector



ACCELERATING CHANGE

PROJECT LEARNINGS
MARCH 2017

Accelerating Change is a three-year project that aims to help farmers increase their efficiency in feed and irrigation management to promote profitable and sustainable businesses in the Murray Region.

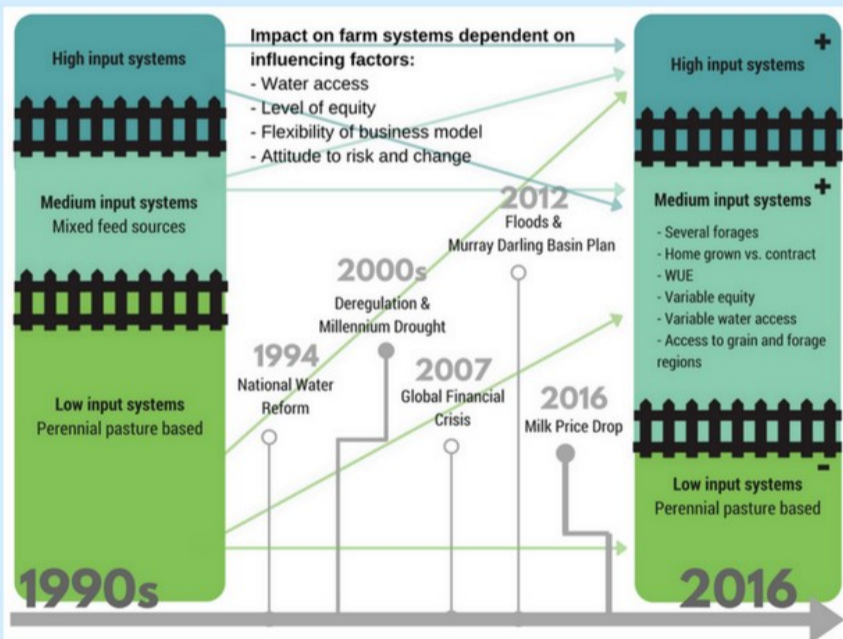
The project is working with farmers to improve their management strategies and develop feeding and irrigation systems to suit their business goals. The project also looks at how research and technology can help achieve efficiencies and create adaptable farming systems.

Information is developed and shared by working closely with two Partner Farms, other farmers who make up Performance Innovation Teams, service providers, researchers and other industry stakeholders.

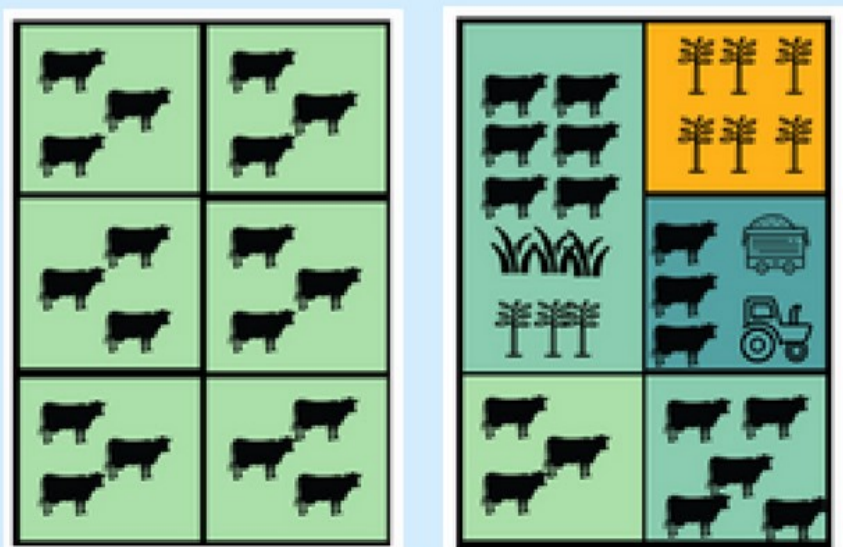


ACCELERATING CHANGE

DRIVERS FOR CHANGE



= FEEDBASE TRANSFORMATIONS



WHAT DOES ACCELERATING CHANGE DO?

ASSISTS FARMERS TO BUILD PROFITABLE AND RESILIENT DAIRY BUSINESSES THROUGH:

- 1 MONITORING AND MEASUREMENT OF ON-FARM PERFORMANCE OF DIFFERENT FORAGE TYPES, IRRIGATION STRATEGIES AND FEEDBASE MANAGEMENT
- 2 PILOTING & DEVELOPMENT OF REGIONALLY RELEVANT AND INNOVATIVE EXTENSION PROGRAMS
- 3 STRATEGIC ANALYSIS OF THE OPPORTUNITIES AND CHALLENGES FACING OUR REGION AND PLANNING FOR EFFECTIVE SHORT AND LONG TERM RESPONSES

Characteristics of resilient farm businesses:



| GOALS | INFO | EXPERTISE | CAPABILITY | REVIEW |
|--|--|---|---|--|
| To maintain focus in a changing environment | Without information to support decision-making, farmers tend to revert to habit or gut-feel | It takes a team to navigate change | Skills must evolve as business models evolve | A process of reviewing and evaluating ensures that business strategy continues to meet goals |
| Assists decision-making when resources are limited and farmers are faced with competing priorities | Information can help to identify opportunities and constraints - it assists in planning and management decisions | Increased complexity in farming systems requires specialised knowledge in different areas of the business | Upskill or bring skills into the business in preparation for change | Business strategies or models may need to evolve to respond to the operating environment |
| Ensures that all stakeholders agree about where the business is going and how it is going to get there | | Sharing decision-making and using specialised knowledge is a risk management strategy | | |