





### INTRODUCTION

The WaterSmart Pastoral Production™ project combines the best grazing management strategies with the best technologies in stock water storage and delivery on pastoral properties to help improve stock management control, total grazing pressure and pastoral country condition.

The Desert Knowledge CRC Project is running until July 2008 and aims to achieve economic and environmental gains through the use of improved water management practices including new water storage, delivery and monitoring technologies on aris area pastoral properties.

### FIELD DAY

Field/Demonstration days are being held to promote technologies available for effective water usage as a property-wide management tool and to provide better production and sustainable outcomes for pastoralists.

Suppliers and pastoralists will be discussing and viewing:

- Appropriate sorts of equipment and designs that would commonly be needed to deliver water cost effectively around a property



- Walk-Over-Weighing
- How to monitor the delivery of water to stock through remote telemetry

### DE ROSE HILL STATION

Infrastructure installed at De Rose Hill in January 2007 includes:

- A solar pump at South Fish Tank bore delivering 18000 litres per day, piped



5 km to 2 tanks situated on the hill between South Fish Tank and Towney paddocks.

- 2 new water points with tanks in Towney (1km pipeline) and Mundy (5km pipeline) paddocks, gravity fed from the new hilltop tanks.

A new submersible pump was installed at Towney Well bore, powered by a new diesel generator capable of



delivering 1800 litres per hour and is automatically operated by a float switch in the nearby tank.

Installed in June of 2007 was a Blackmore's Power and Water brand telemetry system monitoring tank levels on the new hilltop tanks and water points fed from South Fish Tank bore.

The system is accessed through a computer software interface at the homestead, and a data terminal in two vehicles.

Allan Fuller says, "The telemetry system we have chosen is not the top of the range system with all the bells and whistles, but one that provides us with the data that we need and at the same time is good value for money."

"The remote telemetry systems are proving to be a great time saver although we do still check them to ensure they are working correctly."

The Grundfos solar system pumping to hill top tanks and then gravity feeding to 2 new



water points has been in for over 12 months now and Allan says they are very effective with replacement parts easily accessible.

### DATES & TIMES

Field day schedule as follows:

- Open 9am - Friday 18 April
- Closes 5pm - Friday 18 April

### LOCATION

De Rose Hill Station is located 350 km South of Alice Springs, 50km over the Territory/South Australia border on the Stuart Highway.

### ACCOMODATION

70 km North of De Rose Hill Station is the Kulgera Roadhouse Hotel/Motel  
Ph: 08 8956 0973

Marla is located 110km south  
Ph: 08 8670 7001

### MEALS

Catering cannot be guaranteed unless you complete PART A on registration form.

Included in field day is:

- Lunch - Friday 18 April
- Dinner - Friday 18 April



### FURTHER INFORMATION

Adrian James  
Fax: 08 8951 8126  
DPIFM, Alice Springs, 0870  
E: Adrian.james@nt.gov.au  
P: 08 8951 8155

**CHANCE TO WIN A SOLAR PUMP  
SEE BACK PAGE**  
**GRUNDFOS**