

SALINITY



Management Targets are listed in the order of priority from the Feb 2007 workshop

MTSA1: By 2016, the EC and salt load levels for within valley sites in the Macquarie and Bogan Catchments will be: (Refer to table in the separate sheet)

- 👉 Educate the community and staff on EC and salt load targets

MTSA5: By 2016, increase by 100,000ha the spatial area of perennials in identified recharge landscapes across the catchment for optimal water use

- 💰 Establish areas of well managed perennials that minimise water table recharge
- 👉 Develop a training program for managing perennial species including innovative grazing management techniques

MTSA6: By 2016, 300,000ha of dryland cropping landscapes in the catchment will be undertaking farming systems that increase water use efficiency

- 💰 landholders engaged to manage whole farm to reduce accessions to the water table via innovative cropping and grazing systems
- 👉 Establish a benchmark for existing farming systems. Identify preferred farming systems with respect to increased water use efficiency to recommend to farmers
- 👉 Identify & demonstrate mixed farming options to address excessive recharge issues
- 👉 Form partnerships to explore incorporating engineering options in to farming systems (recharge) eg Ulan mine
- 👉 Develop and implement a training and mentoring program to facilitate the uptake of water use efficient systems on cropped landscapes

MTSA8: By 2016, involve all Local Governments in urban salinity management

- 👉 Develop urban salinity monitoring and education program with all the 16 Councils

MTSA2: By 2016, establish and manage large interception plantings on 30,000ha of suitable sites in identified key upland landscapes

- 💰 Establish and manage large interception plantings on suitable sites

MTSA3: By 2016, retain and improve 150,000ha of existing remnant vegetation within key saline landscapes

- 💰 Remnant vegetation managed on key saline sites and low capability lands to control salinity recharge.

MTSA9: By 2016, 5,000ha of known salinity discharge sites in priority hazard landscapes have improved perennial based management

- 💰 Incentive program to treat known discharge sites in the catchment

MTSA4: By 2016, establish and manage 2,000ha of large forestry plantings for salinity outcomes within key saline landscapes

- 👉 Examine existing research into use of forestry plantings to manage salinity
- 👉 Establish strategic forestry plantings within catchment based on above research

MTSA7: By 2016, reduce benchmarked accessions by 25% to the water table, by increasing water use efficiency in irrigation farming systems on 35,000ha of irrigated lands

- 💰 Develop and support demonstrations sites on irrigated cropping areas across catchment
- 👉 Determine what the benchmark is for irrigated farming systems. Determine how to influence water use efficiency of this target group

Symbols: 💰 = Management Actions recommended to continue funding
 👉 = Management Actions currently not funded
 😊 = Recommended new Management Actions