

SA MURRAY-DARLING BASIN NRM REGION

**ACIDITY**

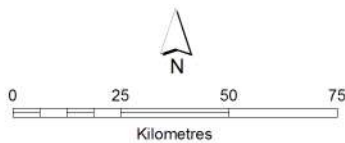
Classes are based on an interpretation of soil landscape map units. Acidity varies within soil classes (depending on management practice and climate), and within map units (which often include a complex of soils). Assessments are made according to pH measurements and extrapolation between similar environments regardless of land use or management. The map units are classified according to the acidity of the most "at risk" component, provided that it accounts for more than 30% of the area. Limited occurrences of acidic soils (ie 10 - 30% of the area) are indicated as an additional class.

Classes take account of both surface and subsoil (ie deeper than 30 cm) acidity and the buffering capacity of the surface soil (buffering capacity is an indication of the soil's capacity to resist acidification).

SOIL ACIDITY	SURFACE BUFFERING CAPACITY
<span style="color: green;">■</span> Negligible	Any
<span style="color: lightgreen;">■</span> 10 - 30% of soils acidic *	Any
<span style="color: yellow;">■</span> Surface soil only	Moderate to high
<span style="color: orange;">■</span> Surface soil only	Low
<span style="color: red;">■</span> Surface and subsoil	Moderate to high
<span style="color: darkred;">■</span> Surface and subsoil	Low

\* Includes any susceptible soils, without distinction between surface and subsoil, or buffering capacity.

■ Not applicable



- South Australian Murray-Darling Basin NRM Region
- No data
- Main road



Government of South Australia  
Department of Environment,  
Water and Natural Resources

NOTES ON USE OF THE MAP

1. This information is derived from limited field inspection, and is subject to change without notice.
2. Boundaries between mapping units should be treated as transition zones.
3. The map is intended to provide a regional overview and should not be used to draw conclusions about conditions at specific locations.
4. Under no circumstances must the scale of the map be enlarged beyond its scale of mapping.
5. Advice from DEWNR Soil and Land Program should be sought prior to using this information for commercial decision making.
6. Under no circumstances may the data or information associated with this map or any accompanying report be altered in any way without the express permission of DEWNR Soil and Land Program.

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Land assessment: DEWNR Soil and Land Program, July 2009  
Map projection, datum: MGA Zone 54, GDAS4