Figure 7.2 Susceptibility to Acidity
Northern and Yorke Agricultural District

Classes are based on an interpretation of soil landscape map units. Acidity varies within soil classes (depending on management practice and climate), and within mapping units (which often include a complex of soils). Rankings are made according to pH measurements and extrapolation between similar environments. All land which is inherently susceptible to acidity is classified accordingly, regardless of land use or management. The susceptibility to acidity of each component of a mapping unit is assessed. The units are then classified according to the acidity of the most 'at risk' component, provided that it accounts for more than 30% of the area of the map unit. Limited occurrences of susceptible soils (ie account for 10 - 30% of the area of the map unit) 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

Susceptibility to acidity	Surface buffering capacity
Negligible	Any
10 - 30% of soils susceptible *	Any
Surface soil only	Moderate to high
Surface soil only	Low
Surface and subsoil	Moderate to high
Surface and subsoil	Low

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

Not applicable

Major road

NOTES ON USE OF THE MAP:

1. This information is derived from limited field inspection, and is subject to amendment as and when more data become available.
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 publication.
5. Advice from DWLBC Soil and Land Information 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 DWLBC Soil and Land Information.

LAND ASSESSMENT and MAP PRODUCTION: Soil and Land Information, Department of Water, Land and Biodiversity Conservation.

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Produced by Soil and Land Information, Sustainable Resources, Department of Water, Land and Biodiversity Conservation
Data Source Roads supplied by the Department for Environment and Heritage
Projection Lambert Conformal Conic
Datum Geocentric Datum of Australia, 1994
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