

PODOSOLS: Organic materials and aluminium, with or without iron

- Dominated by organic matter and aluminium with or without iron.
- Can be greater than 20 m deep ("giant podzols").
- Most are very permeable unless indurated pans are present.
- Largely confined to parts of the coastal zone and some offshore islands.
- Not all are derived from sand masses, they also occur in the wetter mountainous areas of Tasmania and New South Wales on other bedrock.
- Agricultural use is limited because of extremely low fertility, poor moisture retention and the seasonal waterlogging in some forms.
- Some wet soils have been drained and used for sugar cane (southeast Queensland) while others are used for irrigated vegetables and dairying and sheep grazing on improved pastures (Victoria and South Australia).

