

| Primary Production Landscapes of Victoria | Dominant soil order (ASC) | Factual Key | Soil distribution within AEL | Description | Management Issues | | | | | | | | | | Other Management and related Issues | | |
|---|-------------------------------|-------------|------------------------------|--|-------------------|-----------------|--------------------|--------------------|-------------------|--------------|---------------|--------------|------------------|------------------|-------------------------------------|-------------------------------|--|
| | | | | | Acidity_surface | Acidity_subsoil | Alkalinity_surface | Alkalinity_subsoil | Surface structure | Wind erosion | Water erosion | Waterlogging | Sodicity_surface | Sodicity_subsoil | | Potential chemical deficiency | Potential chemical excess |
| Southern Uplands: Otways | Dermosols | Gn | 75% | Shallow stony and finely structured brown and grey/yellow loam to clay soils with high organic matter content (hard-setting in drier areas). Found on undulating to steep slopes. | Red | Yellow | Green | Green | Green | Yellow | Red | Red | Green | Green | P | Al | Surface: stoniness, nutrient retention and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content. |
| Southern Uplands: Otways | Kurosols, Chromosols | Db,Dy | 25% | Sandy loam surface often with a bleached subsurface containing buckshot (ironstone gravels) visibly over a heavy mottled brown/yellow and grey subsoil. Found on undulating to rolling slopes. | Red | Yellow | Green | Green | Green | Yellow | Red | Red | Green | Green | P | Al | Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties. |
| Southern Uplands: Strzelecki | Dermosol | Gn | 70% | Shallow stony and finely structured brown and grey/yellow loam to clay soils with high organic matter levels (hard-setting in drier areas). Found on undulating to steep slopes. | Red | Yellow | Green | Green | Green | Yellow | Red | Red | Green | Green | P | Al | Surface: stoniness, nutrient retention and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content. |
| Southern Uplands: Strzelecki | Ferrosols | Gn, Uf | 15% | Strongly structured (friable) red clay loam to heavy clay soils with high iron content. Found on volcanic eruption points and associated footslopes. | Red | Yellow | Green | Green | Yellow | Yellow | Yellow | Yellow | Green | Green | P | Al | Surface: stoniness and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content. |
| Southern Uplands: Strzelecki | Tenosols, Kandosols, Rudosols | Uc, Um | 15% | Sandy soils that may have a restrictive horizon (iron/organic pan or clay) at depth below a bleached horizon. Found on plateaux, footslopes and sandplains. | Red | Yellow | Green | Green | Yellow | Yellow | Yellow | Yellow | Green | Green | P | Al | Surface: water repellence, nutrient retention. Subsoil: nutrient retention. |
| Southern Uplands: Mornington Peninsula | Chromosols | Db,Dy | 35% | Loam (fine sandy) often with a bleached subsurface visibly over a brown, yellow or grey clay subsoil (often with red mottles). Found on dissected plateaux (undulating slopes), terraces and alluvial plains. | Yellow | Green | Green | Yellow | Yellow | Yellow | Yellow | Red | Green | Green | P | | Surface: water repellence, nutrient retention, potential surface sealing, pans and gravel. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties. |
| Southern Uplands: Mornington Peninsula | Podosols, Tenosols & Rudosols | Uc | 35% | Sandy soils that may have a restrictive horizon (iron/organic pan) at depth below a bleached horizon. Found on dunefields and sandplains. | Red | Yellow | Green | Green | Red | Red | Yellow | Yellow | Green | Green | P | Al | Surface: water repellence, nutrient retention. Subsoil: nutrient retention. |
| Southern Uplands: Mornington Peninsula | Vertosols, Sodosols | Ug | 20% | Brown, black and grey cracking clay soil with self-mulching to coarse structured surfaces. High shrink-swell soils causing local irregular ground surface. Found in depressions or on undulating slopes and plateau. | Yellow | Green | Green | Green | Red | Yellow | Red | Red | Green | Red | P, Fe | ESP, Soluble salts | Surface: compaction, high clay content and shrink-swell properties. Subsoil: compaction, coarse structure, high clay content and shrink-swell properties. |
| Southern Uplands: Mornington Peninsula | Dermosols, Ferrosols | Gn, Uf | 10% | Shallow (generally stony) finely structured red and brown loam to clay soils with high organic matter levels (hard-setting in drier areas). Found on undulating to rolling slopes. | Yellow | Yellow | Green | Green | Yellow | Yellow | Yellow | Yellow | Green | Green | P | Al | Surface: stoniness, nutrient retention and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content. |
| Southern Uplands: Wilson's Prom | Dermosols | Gn | 40% | Shallow stony and finely structured brown and grey/yellow loam to clay soils with high organic matter levels. Found on undulating to steep slopes. | Red | Yellow | Green | Green | Yellow | Yellow | Red | Red | Green | Green | P | Al | Surface: stoniness, nutrient retention and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content. |
| Southern Uplands: Wilson's Prom | Kurosols, Podosols | Dy | 30% | Sandy loam surface often with a bleached subsurface containing buckshot (ironstone gravels) visibly over a heavy mottled brown/yellow and grey subsoil. Found on undulating slopes and plains. | Red | Yellow | Green | Green | Yellow | Yellow | Yellow | Yellow | Green | Green | P | Al | Surface: nutrient retention, surface water repellence. Subsoil: compaction, high clay content, occasional pans. |
| Southern Uplands: Wilson's Prom | Tenosols, Rudosols, Podosols | Uc | 30% | Sandy soils that may have a restrictive horizon (iron/organic pan) at depth below a bleached horizon. Found on dunefields and sandplains. | Red | Yellow | Green | Green | Red | Red | Yellow | Yellow | Green | Green | P | Al | Surface: water repellence, nutrient retention. Subsoil: nutrient retention. |