

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 Plains : Dundas tablelands	Chromosols	Db, Dy	85%	Loam (fine sandy) often with a bleached subsurface visibly over brown, yellow or grey subsoil (often with red mottles). Found on plateaux (gently undulating slopes), terraces and alluvial plains.												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 Plains: Dundas tablelands	Sodosols	Db, Dy	15%	Loam (fine sandy) surface and bleached subsurface visibly over a mottled brown, yellow and grey clay subsoil. Found on plains and undulating low slopes.												P	ESP, Soluble salts Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.
Southern Plains : Victorian Volcanic Plain	Sodosols	Db, Dy, Dg	55%	Loam (fine sandy) surface and bleached subsurface visibly over a mottled brown-yellow-grey or black clay subsoil. Found on plains and undulating low slopes.												P	ESP, Soluble salts Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.
Southern Plains : Victorian Volcanic Plain	Hydrosols	Dd, Dg, Uf, Ug	15%	Clayey soils with a organic rich surface overlying a mottled brown, black, yellow and grey subsoil. May have a loamy surface. Found in depressions and swamps.												P	Soluble salts (subsoil) Surface: Nutrient retention, shrink-swell properties, compaction. Subsoil: high clay content, dense and coarse structure, compaction.
Southern Plains : Victorian Volcanic Plain	Vertosols	Ug	15%	Black and grey cracking clay soil with a self-mulching to coarse structured surface. High shrink-swell soils causing local irregular ground surface (melonhole/gilgai). Found in depressions or plains.												P, Fe, Zn	ESP, Soluble salts Surface: compaction, high clay content and shrink-swell properties. Subsoil: compaction, coarse structure, high clay content and shrink-swell properties.
Southern Plains : Victorian Volcanic Plain	Dermosols	Gn	10%	Fine moderate to strongly structured red and black clay loam to heavy clay soils. Shallow to moderately deep, stony and well drained. Found on plains, slopes and stony rises.												P	Al Surface: stoniness, nutrient retention and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content.
Southern Plains : Victorian Volcanic Plain	Ferrosols	Uf, Gn	5%	Strongly structured (friable) red clay loam to heavy clay soils with high iron content. Often contains high organic matter levels in the topsoil. Found on volcanic plateaux.												P	Al Surface: stoniness and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content.
Southern Plains : Sedimentary Plain	Chromosols	Dr, Db, Dy	25%	Loamy (fine sandy) surface and bleached subsurface visibly over a red or brown clay subsoil. Sometimes mottled. Found on sedimentary plains.												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 Plains : Sedimentary Plain	Vertosols	Ug	25%	Black and grey cracking clay soil with self-mulching to coarse structured surfaces. High shrink-swell soils causing local irregular ground surface (melonhole/gilgai). Found in depressions or extensive plains.												P, Fe, Zn	ESP, Soluble salts Surface: compaction, high clay content and shrink-swell properties. Subsoil: compaction, coarse structure, high clay content and shrink-swell properties.
Southern Plains : Sedimentary Plain	Dermosols, minor Kurosols	Gn, Dy	20%	Finely structured brown, yellow and black clay loam to heavy clay soils (some with sandy surfaces). Found on undulating sedimentary plains.												P	Al Surface: water repellence, nutrient retention, compaction, pans and gravel. Subsoil: stoniness, compaction, variable soil depth, high clay content.
Southern Plains : Sedimentary Plain	Podosols	Uc, Dy	15%	Sandy soils that may have a restrictive horizon (iron/organic pan) at depth below a bleached horizon. Found on plains, hillslopes and valley floors.												P	Al Surface: nutrient retention, water repellence. Subsoil: pans or dense soil at depth.
Southern Plains : Sedimentary Plain	Sodosols	Db, Dy	15%	Loamy (fine sandy) surface and bleached subsurface visibly over a mottled brown, yellow and grey clay subsoil. Found on plains and undulating low slopes.												P	ESP, Soluble salts Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.
Southern Plains: Millicent Coast	Kurosols	Dy, Uc	35%	Sandy loam surface often with a bleached subsurface containing buckshot (ironstone gravels) visibly over a heavy mottled brown, yellow and grey subsoil. Found on gently undulating slopes of dunefields and plains.												P	Al Surface: water repellence, nutrient retention, potential surface sealing. Subsoil: compaction, dense and coarse structure, high clay content, shrink-swell properties.
Southern Plains: Millicent Coast	Podosols	Uc, Dy	30%	Sandy soils that may may have a restrictive horizon (iron/organic pan) at depth below a bleached horizon. Found on dunefields and sandplains.												P	Al Surface: nutrient retention, water repellence. Subsoil: pans or dense soil at depth.
Southern Plains: Millicent Coast	Ferrosols, Chromosols	Gn, Dr	25%	Strongly structured (friable) red clay loam to heavy clay soils with high iron content. Found on volcanic plateaux and associated slopes.												P	Al Surface: stoniness and variable soil depth. Subsoil: stoniness, compaction, variable soil depth, high clay content.
Southern Plains: Millicent Coast	Rudosols	Uc, Gn	10%	Light sandy shallow soils that are acidic and occasionally calcareous over unconsolidated sediments or hardpans. Found on sandplains and dunefields.												P	Al Surface: nutrient retention, surface water repellence, stoniness and shallow depth. Subsoil: shallow, stony.