

Ironbark and blue gum on basalt ridges



Landform	Undulating plains, low hills and plateau remnants.
Woody vegetation	Blue gum, silver-leaved ironbark, Moreton bay ash, pink bloodwood.
Expected pasture composition	<i>* Denotes non-native "Expected Pasture Composition" species</i>
Preferred	Forest bluegrass, Queensland bluegrass, Angleton grass* (naturalised).
Intermediate	Pitted bluegrass, Queensland blue couch*.
Non-preferred	Wiregrasses.
Annuals	Native sorghum.
Suitable sown pastures	Creeping bluegrass, Rhodes grass, Angleton bluegrass, Caatinga and fine stem stylos, siratro, leucaena.
Introduced weeds	Giant rat's tail grass, annual ragweed.
Soil	Black earths and prairie soils (vertosols, dermosols).
Description	Surface: Cracking, self-mulching; Surface texture: medium to heavy clay; Subsoil texture: medium to heavy clay.
Water availability	Medium to high.
Infiltration	Moderate to good when dry; low to moderate when wet.
Drainage	Moderately well drained (can become waterlogged in some areas).
Fertility	Low to moderate total nitrogen; moderate to low phosphorus.

Salinity
Sodicity
pH

Non-saline
Non-sodic
Slightly acidic to neutral at surface, alkaline at depth.



Long-term carrying capacity information (A condition)

Black Earth

Depth (cm)	Description
0–8	Black, heavy clay. Strong angular blocky structure. Self-mulching and cracking surface. pH 6.0. Gradual to ...
8–30	... black heavy clay. Strong lenticular structure. pH 6.8. Diffuse to ...
30–45	... brownish black heavy clay. Strong lenticular structure. pH 7.5. Clear to ...
45–80	... angular basalt cobbles overlying weathering basalt.

Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day

Median annual rainfall 924 – 998 mm

Pasture type	Median tree cover (TBA m ² /ha (FPC %))	Median annual pasture growth (DM kg/ha)	Safe annual utilisation pasture growth (%)	LTCC (ha/AE)
Native species	0 TBA/FPC	3960 - 4180	30%	2.3 – 2.5
	18 TBA 42 FPC	1640 - 1750	30%	5.6 – 5.9
Sown			35%	

Enterprise

Breeding, growing and fattening.

Land use and management recommendations

- Extensively cleared for grazing and some cane cropping.
- Suitable for sown pasture.

Land use limitations

- Low phosphate levels.
- Can be difficult to work when dry.
- Sown pasture establishment is difficult.

Conservation features and related management

- Restricted to the older basalts around Maroondan and Monduran.
- Often fringing vegetation to softwood scrub.
- Few remnants remain.

Regional Ecosystems

12.8.16.

Land resource area

Basalt (Glanville *et al* 1991).

CB08 Ironbark and blue gum on basalt ridges



Area of land type in region: 0.1%
Median rainfall (region): 785–1111 mm
Average rainfall (region): 808–1195 mm
Area of land type with FPC: 17%
Median FPC: 42%
Median TBA: 18 m²/ha



**Queensland
Government**