

Safety and storage measures/handling

- To maintain the safety of the quality packaging, the product must be stored in a cool, dry, well ventilated indoor place at temperature 35°C.

For outdoor storage follow instructions below:

- Storage rooms must be dry and covered to avoid direct sunlight and wind, as well as rain effects.
- Place of the warehouse should be the highest comparing to the surrounding terrain.

Application Pre-plant:

Crop	Method and application rate
Turf grass	3 kgs per square meter (30 tons/ha). Incorporate to upper 15 cm depth prior to grass plantation.
Date palm, trees, and shrubs	Excavate the upper 50 cm soil and mix 30 kg of Austrabend. Place the palm in the pit and fill it with Austrabend & soil mixture. For trees use 12-15 kgs and shrubs 4-5 kgs per pit.

Application Post-plant (Top dressing):

Crop	Dosage (kg/ha)
Turf grass	Mechanically, core holes (15 cm) deep into grassy plots, spread Austrabend in the entire area by adjusting drop at the specified rate (3 kg per square meter), followed by brushing into the plot core holes and irrigating.
Date palm, trees, and shrubs	Excavate 40-50 cm deep soil and 40 cm away from the tree trunk, mix 25-30 kg of Austrabend with the excavated soil and refill back (date palms), for trees use 12-15 kg and shrubs 4-5 kgs per pit.

Net Content: 25, 1000, 1250 kg Bag

Country of Origin: Australia

Producer

AustraBlend® Pty Ltd, PO BOX 595
CLEVELAND, Queensland 4163, Australia

Ph: 61 7 3821 0745

Fax: 61 7 3821 0746

www.austrablend.com

Distributor in UAE: Polyclean LLC,

P.O.BOX 55023, Dubai UAE.

T 043388226, www.polyclean.ae

Email: Babiker.khateeb@polyclean.ae

Reg # in MoCCA UAE	رقم التسجيل بوزارة التغيير المناخي والبيئة - الامارات
Lot/Batch #	رقم التشغيل
Mfg. Date	تاريخ الانتاج
Exp Date	تاريخ انتهاء الصلاحية

Austrablend® Multi Mineral Root Zone Conditioner

Soil conditioner, water conservation, nutrients retention and growth promoting agent

Essential analyses

Total nitrogen (NO ₃ +NH ₄) mg/kg	6.7
Total acid extractable phosphorus (P) mg/kg	2320.0
Total acid extractable potassium (K) mg/kg	185.0
Total acid extractable Sulphur (S) mg/kg	51.0
Silt (%)	32.7
Clay (%)	4.3
CaCO ₃ (%)	1.6
CEC (Cation Exchange Capacity) cmol ⁺ /kg	26.0
EC (electrical conductivity 1:5) mS/cm	0.037
Volumetric water content (0.01 bar) (%)	42.0
Field capacity (0.1 bar) (%)	25.00
pH (1:5)	7.52
Saturated hydraulic conductivity (mm/day)	754.0

Formulation: Mineralized Powder

Minerals composition (X-Ray Diffraction Analysis)

Nontronite (23.1%), Plagioclase (27.9%), Anorthoclase (13.4%), Clinopyroxene (11.5%), Others 24% (Quartz, anatase, Ilmenite, hematite, siderite & non-diffracting material)

Elemental oxides (X Ray Fluorescence Analysis)

SiO₂ (45.3%), Al₂O₃ (14.7%), Fe₂O₃ (13.8%), CaO (6.2%), MgO (4.1%), Na₂O (2.7%), TiO₂ (2.4%), Loss on ignition (9.3%) & others 1.45%.

Product Description:

AustraBlend®MMRZC is a multi-mineral root-zone soil conditioner mined from Australia. It can be added to the soil as pre-and post-plant application to improve water holding capacity and nutrient retention.

Advantages:

Physical, chemical and biological benefits

- Improve soil health through building soil structure that is conducive for root development and enhanced plant growth.
- Increased moisture retention, slowly released to plants thus saving irrigation water significantly and increasing drought resistance.
- Increased nutrient retention (high cation-exchange-capacity) and improves nutrient use efficiency and saves fertilizers costing.
- Maintains soil salinity at lower level in the root zones and avoids salts injury to turf grass stand.
- Maintains soil pH at optimum level where nutrients are readily available.
- Improves substrate to provide habitat and refuge for soil microbes.
- Reduces temperature fluctuations, better aeration and exchange of soil gasses.
- Cost-effective maintenance of turf grass and landscapes.
- Reduces phosphorus fixation in soil.
- Improved wind erosion control.