

PremiumCOTE™

Advanced seed coating technology

PremiumCOTE seed coating technology vastly improves the establishment of pasture seeds while enhancing seed nutrient, plant establishment and defence against disease and insect attack.

PremiumCOTE begins with the highest quality seeds, incorporating advanced binding and protective polymers, with lime as the foundation for its innovative seed coating technology. The unique PremiumCOTE polymer ensures uniform seed coats, allowing seeds to flow smoothly through planting equipment and ensuring even distribution across the paddock. This technology creates an optimal environment for germination by balancing pH levels and enhancing moisture retention, leading to faster germination and better establishment rates.

PremiumCOTE excels in promoting robust seedling development, resulting in stronger roots and larger shoots, which accelerates the time to first grazing or harvest. Enhanced early root development equips plants to withstand adverse weather conditions more effectively. This cutting-edge seed coating technology also improves seedling tolerance to post-emergent stresses, facilitating the growth of productive pastures in challenging environments. Additionally, PremiumCOTE offers the flexibility to incorporate fungicides and insecticides, safeguarding seedlings as they germinate.

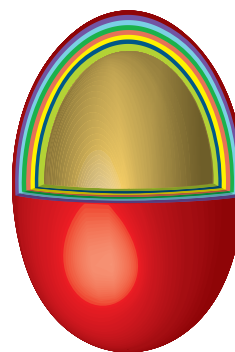
PremiumCOTE treatments provide readily available nutrients to seedlings, protect against fungal diseases with fungicide treatments, and defend against biting and sucking insects with insecticidal treatments. Furthermore, PremiumCOTE features encapsulated rhizobia, which extends the shelf life of treated legumes and enhances legume nodulation in the field, maximizing your investment.

PremiumCOTE seed
Typical coating make-up

Lime coating
Creates a favourable germination environment

Fungicide protection
Option of pythium and phytophthora protection

Protective polymer
Protects and isolates bacteria



Bonding polymer
Bonding PremiumCOTE for seed encapsulation

NPKS and T.E. nutrients
Immediate rhizobia and seedling nutrition

Growth promotant
Promotes establishment and seed vigour

Legume inoculant
Promotes legume establishment and persistence

Potential benefits

- Unique dormancy-breaking technology exclusive to PremiumCOTE
- Enhanced early development with growth-promoting chemicals and greater root growth
- Immediate availability of NPK macronutrients and trace elements
- Robust seedlings, ideal for slow-establishing grasses
- Encapsulated rhizobia for longer shelf life and effective field nodulation
- Comprehensive protection against insects and fungal diseases
- Uniform seed size for even plant distribution
- Synchronized germination for maximum yield
- Water-soluble coating for quick field breakdown
- Maintains high seed germination rates
- Better ballistic properties for aerial seeding in challenging terrains.



better seeds, better choices

Disclaimer: The information presented in this brochure is from official and other sources and is considered to be reliable. It is provided in good faith and every care has been taken to ensure its accuracy. Seedmark does not accept any responsibility for the consequences that may arise from the acceptance of recommendations or the suggestions made.

export@barenbrug.com.au barenbrug.com.au

