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SeedBond Genesis

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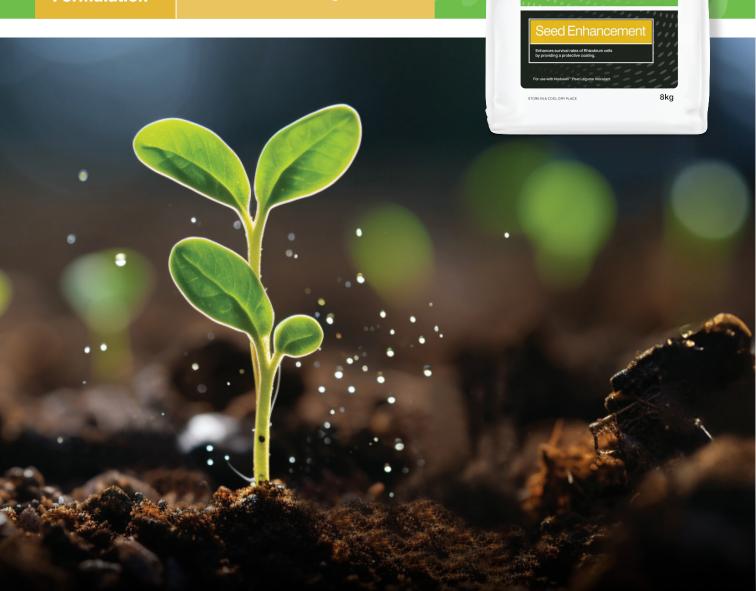
Seed Enhancement

Pasture & Pulse Legume Crops

Rhizobium
- Protectant
Formulation

Enhances adhesion and survival of Rhizobium cells applied to seeds.

For use with NoduleN™ Peat Legume Inoculant







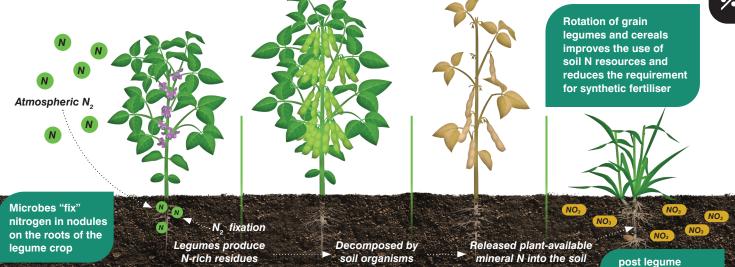
crop nitrate (NO₃)

Benefits:

of Rhizobia Technology

Soil bacteria called Rhizobia works together with legume plants to take atmospheric nitrogen (N_2) found in soil air spaces and 'fixes' it to the plant root system to form root nodules.







Free nitrogen.



Legumes treated withthe correct Rhizobium, convert atmospheric $\rm N_2$ into plant available N. Estimates 30-200 kg/ha of N annually. Equivalent to 64-432 kg of urea.



No withholding periods.

Rhizobium Protectant

BENEFITS	SeedBond <i>Genesis</i> improves the survivability of Rhizobium on the seed by reducing desiccation of the bacteria assisting with adhesive ability to the seed.		
	SeedBond <i>Genesis</i> is used to adhere NoduleN [™] Peat and lime to small seeds. Lime is used to prolong Rhizobium if sowing will be occuring a few days after the seed has been treated. If the treated seed is sown within a 24hr period into a moist soil profile, the use of lime is NOT necessary.		
HOW IT WORKS	Seedbond <i>Genesis</i> is a soluble powder that enhances adhesion and survival of Rhizobium cells on seeds.		



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Application Rates & Methods

Crop Rate	Method	Critical Comments
Legume Crops seed to Noduli to Leg Group For mi	lume of legume reated with eN™ Peat refer ume Inoculant of Chart. Inoculation & Rhizobium Protectant Seed Coat Method	 Instructions to make 8 litres of SeedBond Genesis Solution: Slowly sprinkle 1 kg of SeedBond into 5 L of hot water (>70°C) and stir vigorously for about 2 minutes or until all powder is dissolved. Make solution up to 8 L with cold water while agitating. Periodically stir solution for up to 3-4 hours to allow adhesive to fully dissolve. Cool to less than 30°C. Use all SeedBond solution within 3 days of blending. Use 1L of solution for each Standard Pack of NoduleN™ Peat Legume Inoculant. Blend the inoculant directly into the cold SeedBond solution. Thoroughly stir the solution to an even consistency. (Refer to Mixing Ratios Table) For best results, mix the inoculant solution and seed in a rotary mixer or similar machine. Ensure all seeds are damp before adding lime. (Refer to Mixing Ratios Table) Add Ultra Fine Lime to the mixing seed all at once. Allow adhesive to take up the powder (typically 1-2 minutes). Do not overmix the coated seed. Sow coated seed as soon as possible. Coated seed can be stored for up to 1 week in a cool place, away from sunlight.

Mixing Ratios						
Nodule <i>N</i> ™ Peat Size	Legume Seed	SeedBond Solution	Ultra Fine Lime			
Standard	25 kg Lucerne	1 L	5-6 kg			
Standard	25 kg White	1 L	5-6 kg			
Standard	50 kg Sub Clover	1 L	6-8 kg			
Jumbo	125 kg Lucerne	5 L	25-30 kg			
Jumbo	125 kg White	5 L	25-30 kg			
Jumbo	250 kg Medic	5 L	30-40 kg			
Jumbo	250 kg Sub Clover	5 L	30-40 kg			
Mega	500 kg Sub Clover	10 L	60-80 kg			
Mega	500 kg Serradella	10 L	60-80 kg			

NIL withholding period. Do not open the pack until ready to use. Refer to the Safety Data Sheet (SDS) before using. Gloves and face masks should be used while preparing and applying the product.





SeedBond Genesis

SeedBond *Genesis* is compatible with Nodule*N*™ Peat.

Customer Technical Support: Speak with our friendly support team if you need to seek specialist or product compatibility advice.





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