

# product data materials



services

equipment

machinery

drying



## Bio Friendly

Designed specially to work with biological products extending the survival and binding of products to seed.

### Applications

- Large volume agricultural sector where rhizobia / biological products are used as a seed treatment formulation.
- Soy, Pulse Crops (lentil, peas, chickpeas), Alfalfa, Clover and Legume.

### Target Use

- Seed inoculants and biological products

### Features

- Good binding capacity and product adhesion
- Unique co-polymer formulation extends inoculant survival rates on pulse crop, alfalfa, soybean, clover and legume seed
- Compatible with several seed treatment formulations and actives\*
- Improves seed flowability
- 40 CFR Approved

*\*Always test prior to use for compatibility.*



### Benefits

- Keeps biological products on seed and improve survival rates to maximize performance and optimize yields
- Biological counts remain high in slurry mixtures for over 4 hours when bio friendly polymer and inoculant are mixed
- Can be mixed into slurry keeping biological products active and at high rates
- Enhanced seed flow through handling seed plant and planting equipment for improved plant spacing and maximized yields
- Keep products on seed, reducing worker exposure
- Meets EPA approved requirements

Use	Coating Type			Properties					
	Film	Encrust	Pellet	Binding Capacity	Opacity	Finish	Flow Rating	Dust Control	Color(s)
<b>Rhizobia / Biological Binder</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Medium-High</b>	<b>Low</b>	<b>None</b>	<b>-</b>	<b>Medium</b>	<b>Neutral</b>



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## Physical Properties

<b>pH range:</b>	6 - 7
<b>Viscosity:</b>	200 - 500 @ 120 RPM, RV02
<b>Density:</b>	1.1 – 1.2
<b>Appearance:</b>	Neutral
• <b>Opacity:</b>	Low

## Storage and Packing

We recommend storage in a clean, dry area at ambient temperature, above 41° F and below 86° F (5°C - 30°C).

Material should be stored in original containers and kept closed when not in use. Shelf life of the product kept under these conditions is expected to be 6-12 months.

## Application Guide

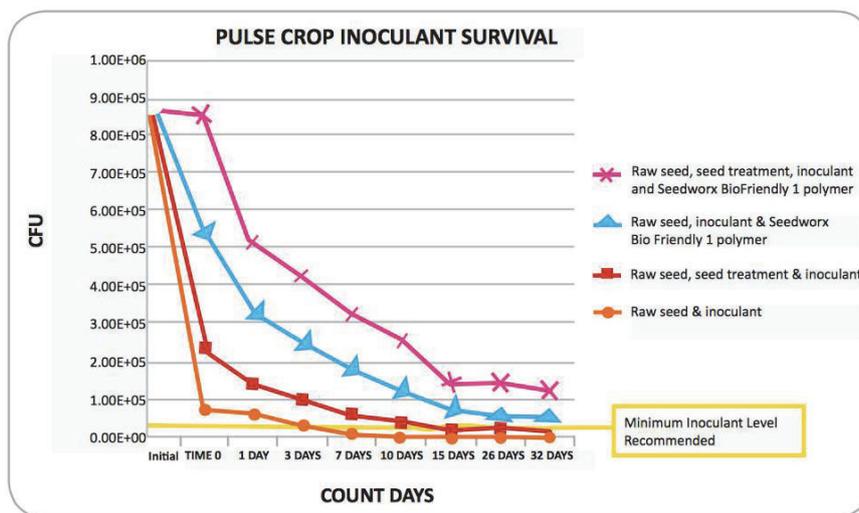
### Alfafa and Clover

Seed	Coated build up 1:1 (grams per kg of seed)			
	Peat (Rz)	Bio Friendly	Dilution	Pelleting Material**
Alfafa	50	100	1:2	950
Clover	50	100	1:2	970

\*\*Pelleting: Dilute Bio Friendly with water (1:2)

### Pulse, Soy and Legumes

Use Rate	
Peat Inoculants:	Apply neat or up to 1:1 dilution
Liquid inoculants:	1-2 oz/cwt



### Other Information

The information given is believed to be accurate and is given in good faith but no representation or warranty as to its completeness or accuracy is made.

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