

VEGESTAB Fixing & Jellifying Agent



PRODUCT DESCRIPTION

VEGESTAB is a fixing and jellifying agent made of plant extracts. It is water-soluble and specifically designed for use in hydroseeding operations. It allows homogenizing the mix of water, seeds, fertilizer and fibres and limits material loss due to run-off during spraying.



VEGESTAB contains dispersing agents that allow it to reach 70% of its maximum viscosity within the first 10 minutes after being placed in contact with water.

No product toxicity has been identified in water or soil. **VEGESTAB** is made of 100% natural polymers and is 100% biodegradable.

ACTION FIELDS

This jellifying and fixing agent is active on 3 levels:

Improves soil structure and reduces run-off:

It allows for limitation of chronically water shortage on soils with high filtration profile (soils with particle structure) through bonding the soil particles.
Limits run-off during the application.

Allows for an even application of the mixture on the site:

The dispersing agents incorporated in VEGESTAB allow for an homogeneous mix of seeds, fertilizer and fibres. This helps to apply the mix evenly on the site as well as easily controlling the thickness and density of the spray.

Limits the loss of seed and staggers productivity:

VEGESTAB's 'coating' capacity helps to limit seed loss due to frictions during the application, but also limits the amount of force needed to control the spray (noticed while doing hose-work).

In order to learn more about this, please visit the 'European Hydroseeding Guide' (currently only available in French) on our site www.euro-tec.fr

SPECIFICATIONS & PERFORMANCE

Composition	Polymers extracted from selected plant species
Plant Species	Cyamopsis Tetragonoloba
Viscosity Brookfield (cps) @ 10.0 g/l	1500 cps
Appearance	Beige coloured powder
Carbon Hydrate (%)	75%
Mineral matter (%)	5%
Humidity Content (%)	20%
Degradation process	Degrades in a natural way through micro bacterial action
Soil erosion protection (months)	1 month 😊
Viscosity @ 5.0 g/l	😊
Water mixing ratio	2000 gr VEGESTAB to 1000 litre of water

APPLICATION RATE*

Slope Steepness	Slope Length	Constraints (low, medium,high)	Average Application Rate*
< 1:1	12 m	Low	50 Kg/Ha
< 2:1			35 Kg/Ha
< 4:1			25 Kg/Ha

* Average indicative value, requiring adjustment depending on specific soil characteristics

PACKAGING

Cardboard box with 12 bags of 1 Kg each.