

HYDRO-MULCH “JEVI” – A Compound for Implementation in “JEVI” Areas



PRODUCT DESCRIPTION

HYDRO-MULCH “JEVI” is a specific implantation complex that allows implementation of vegetation without need for maintenance on poor soils. This blended product has been specially designed in order to present customers with a valid vegetation alternative against the use of phyto-sanitary treatments.

Apart from the incorporation of binders and fluidizers that optimize the mulch function, **HYDRO-MULCH “JEVI”** also includes a fertilizer of the latest generation (NFU 44-204), that acts directly on the microbiological activity in the soil, reinforcing the root mass of the seeded vegetation.



Thanks to its content in recycled fibre, the product actively collaborates in the re-use of already available resources and that way makes a difference in responsible and concrete actions towards Environmental Protection.



ACTION FIELDS

Mulch used for hydroseeding or hydromulching is active on 3 levels :

Provides a “temporary” anti-erosion protection for middle term (< 6 months) :

This product acts like a real “barrier”, absorbing the impact energy of raindrops (the “splash” effect) while at the same time capturing rain- and run-off water from thunderstorms.

Accelerates germination :

Its water retention capacity allows the seeds and seedlings to develop in a “controlled” environment where it concerns temperature and hydro stress, as temperature peaks are flattened out and evaporation/transpiration is being limited.

Increases performance levels :

It allows homogenizing the mix of hydroseeding products (seeds and soil conditioners or fertilizers) and helps applying a uniform layer to the soil. Its ‘coating’ capacity helps to limit germination loss that can occur due to friction on the seeds while passing through the Hydroseeder’s pump.

Ready to use :

Furthermore, **HYDRO-MULCH “JEVI”** is presented as a ‘complete’ product, ready for use and with a pre-calculated formulation that makes it easy to use and will optimize seeding.

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

Tracer	1 % (green)
Prime material	Recycled cellulose / Pinus
Fibre length (mm)	2 to 6 mm
% Cellulose Fibre	31 %
% Wood Fibre	45 %
% Additives (PAM Binder)	4 %
% Fertilization additive (NFU 44-204)	20 %
% Water retention capacity / Dry weight (ASTM D7322)	900 %
% Humidity	8 % (+/- 2 %)
Erosion protection life-span (months)	3 months 😊
Water retention capacity	😊
Covering capacity 120 Bales/ha	😊
Contribution in fertilizing elements NFU 44-204	😊

APPLICATION RATE*

Slope Steepness	Constraints (low, medium, high)	Average application rate*
< 4 : 1	Low to medium	120 Bales/ha

APPLICATION RATE FOR FINN T30 HYDROSEEDER : 330 M² PER TANKLOAD*

Bales per tank	Average application rate*
4 Bales	+/- 1680 kg/ha

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



PACKAGING

Bales of 14 kg / pallet with 40 bales

PRESCRIPTION EXCERPT

HYDRO-MULCH "JEVI" is an implantation compound consisting of wood fibre (45%), recycled cellulose fibre (31%), a PAM binding agent (4%), tracer (1%) and a specific fertilizer following NFU 44-204 that incorporates a growth stimulator (20%). Its water retention capacity needs to exceed a minimum of 900% and its humidity will be 8% with an allowed variation of +/- 2%.