

# HYDRO-MULCH “3A” Blend cellulose / Wood fibres and additives



## PRODUCT DESCRIPTION

**HYDRO-MULCH “3A”** is a blend of vegetable fibres obtained from renewable and recycled prime materials (NFU code: 44-4551).

This stabilized compound - thanks to the integration of binders and fluidizers - optimizes the anti-erosion task of mulch, favouring gas-like exchanges with good rainwater retention capacity while limiting evaporation from the topsoil or substrate.



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

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](http://www.euro-tec.fr).



## 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 :

This product makes calculation of application rates and use with a hydroseeder easier thanks to its blended nature (Wood fibre, recycled cellulose and additives). The application itself as well as sizing of the other hydroseeding products to be mixed in the hydroseeder’s tank is made easier.

## SPECIFICATIONS & PERFORMANCE

Tracer	1 % (green)
Prime material	Recycled cellulose / Pinus
Fibre length (mm)	2 to 6 mm
% Cellulose Fibre	46 %
% Wood Fibre	46 %
% Additives (tackifier)	8 %
% Water retention capacity / Dry weight (ASTM D7322)	900 %
% Organic matter % Mineral matter	93 % 7%
% Humidity	8 % (+/- 2 %)
Erosion protection life-span (months)	3 months 😊
Water retention capacity	😊
Covering capacity 60 Bales/ha or 840 kg/ha	😊

## APPLICATION RATE\*

Slope Steepness	Slope Length	Constraints (low, medium, high)	Average application rate*
< 1 : 1 < 2 : 1 < 4 : 1	12 m	Low to medium	90 Bales/ha 60 Bales/ha 30 Bales/ha

## APPLICATION RATE FOR FINN T30 HYDROSEEDER\*

For 500m <sup>2</sup> : Bales per tank	Average application rate*
1 Bale	+/- 300 kg/ha
2 Bales	+/- 600 kg/ha
3 Bales	+/- 950 kg/ha

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

## PACKAGING

Bales of 14 kg / pallet with 40 bales