

What is Lin et Chanvre Bio?

3 main goals:

- To support and promote organic flax development,
- To build a hemp value chain for long fibers on the flax model,
- To federate and develop exchanges between the organisations and companies interested on hemp for long fibres and organic linen.











Normandy and Flax Culture: field retting





Hemp retting

Flax retting

Equiments for flax culture

Flax baler

Lifting machine

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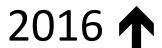
LET CAR

2016 - 2019 : small plots for hemp tests



We naturally target hemp long fibers value chain based on a flax model











- Early varieties to have time for retting
- **High sowing density**: around 500 seeds/m², to obtain thin stems
- Low nitrogen : around 80 uN/ha
- Harvest at flowering stage
- Returning stems during the field retting
- Scutching after 6 months storage





Hemp field retting during our first attempts





- Handmade parallelization
- 1 meter cutting 7

2020: 100% Hemp Jeans!



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emanuel lang





BELGIAN LINEN



2019: 1rst hemp reaper from China





Chinese reapers

- Ok for testing
- Do not range properly
- Do not cut in 1m long

→ Experiment only





Our results from wet and dry spun tests



- Wet spun tests :
 - Nm 18 no bleach
 - Nm 62
 - Nm 48
 - Nm 28 for knitting
- Dry spun tests

→ Go, see and touch at the showroom



2021-2022: 2 harvest prototypers





Cretes Union, tractile

Hyler Sativa 200, self-propelled



Benefit from Hemp Fibers for farmers

Variety Uso 31 - 2021		€/ha
Straw Yield	6,5 t/ha	
13% - Long Fibers	845 kg/ha	3 380 €
4€/kg		
22% - Tows	1430 kg/ha	1 430 €
1€/kg		
54% - Shives	3510 kg/ha	702 €
0,20€/kg		
TOTAL PROFIT		5 512 €
Seeds - 80 kg/ha		500€
Field Work		907€
Scutching		2 000 €
TOTAL COST		3 407 €
TOTAL BENEFIT		2 105 €









WANTED: RAIN!

Hemp Scutching



Long Hemp stems



Good Hemp stem lenght



Thank you for your attention

Have a look on our website and social media pages!

linetchanvrebio.org







Contact: Nathalie Revol n.revol-lcbio@orange.fr

