

# Natural Fibre Crops Range

Introducing Elsoms' exclusive range of natural fibre crops for the UK.





# Natural fibre crops with supernatural potential

As pioneers in the supply chain development for hemp and flax, Elsoms is committed to transforming these into lucrative break crop options for UK farmers.

## Benefits of natural fibre crops:

### Land enrichment

Hemp and flax are known for their positive impact on soil health; they act as natural cleansers, absorbing toxins and promoting overall fertility.

### Environmental stewardship

These crops require fewer pesticides and fertiliser compared to traditional crops, contributing to a reduction in environmental impact and promoting biodiversity.

### Carbon capture

As biorenewable materials, flax and industrial hemp are an opportunity to increase longer-term carbon capture through crop production.

### Income potential

Natural fibres have applications in high-grade end markets including textiles, automotive, aerospace and composites as well as construction and furnishings.



Flax



Hemp

Unlock the potential in  
**RESPONSIVE  
ROTATIONS**

Ask our team how Elsoms' natural fibre varieties can play an effective part in your rotation

## Flax varieties

### AVIAN Flax

- A market-leading European flax variety.
- Avian guarantees **exceptional productivity**.
- Offers **good fusarium resistance**, ensuring a reliable and healthy crop.



STRAW YIELD	102
FIBRE PERCENTAGE	103
FIBRE YIELD	105

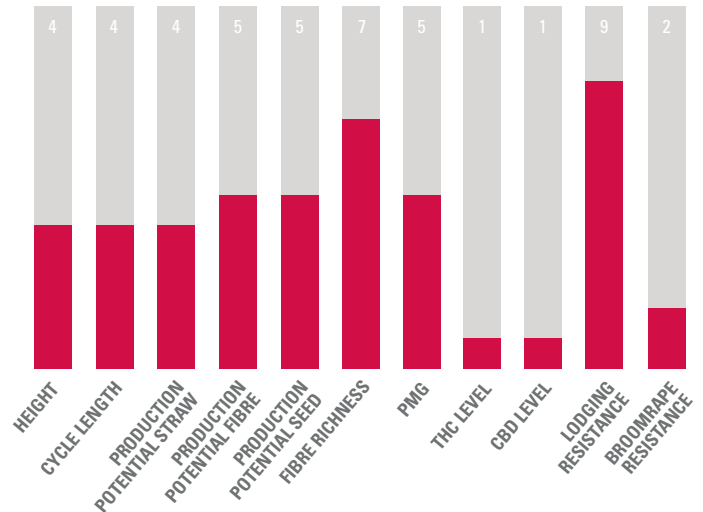
Data source: Van de Bilt, 100 = average of four varieties (Aretha, Avian, Damara and Nathalie).

# Hemp varieties

## USO 31 Hemp

### TYPE MONOECIOUS

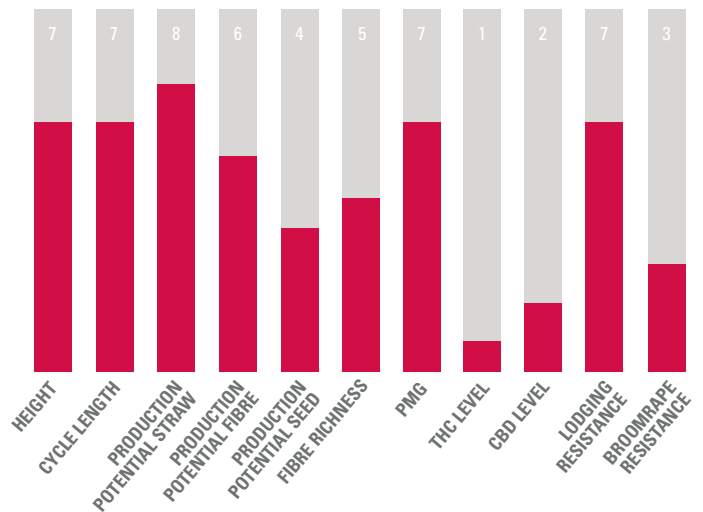
- Maturity: **Early**
- USO 31 stands out as a premier, early, monoecious hemp variety. With a growth cycle of **122 to 127 days**, it offers the **ideal balance between early seed harvest and high fibre yield**.
- In Northern European climates, it is one of the only early solutions to foresee a successful harvest.



## FUTURA 75 Hemp

### TYPE MONOECIOUS

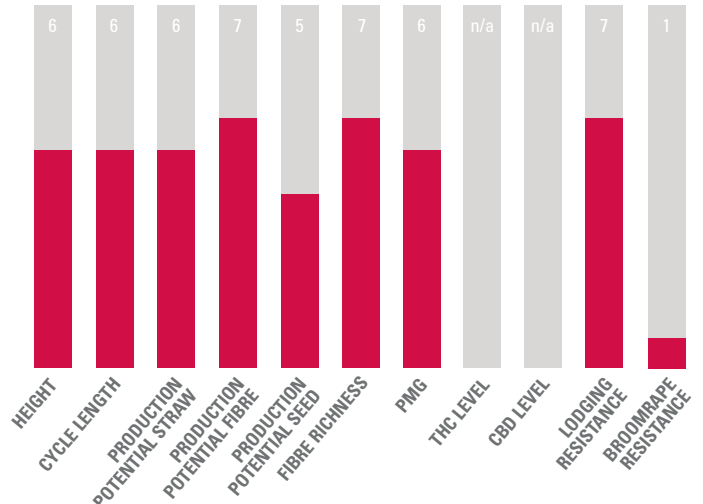
- Maturity: **Medium**
- Futura 75, a medium, monoecious hemp variety offers producers the unique opportunity to secure a **dual income from both straw and seeds**. Renowned for its exceptional CBD yield in both **content** and **biomass**, Futura 75 is the go-to choice for farmers seeking **versatility and profitability**.
- Good resistance to lodging.



## SANTHICA 27 Hemp

### TYPE MONOECIOUS

- Maturity: **Medium/Late**
- Height: **Tall**
- A monoecious hemp variety, **meticulously crafted to excel in fibre production**.
- Suited to a Northern European climate.
- Dedicated exclusively to fibre yields, Santhica 27 offers **unmatched performance and reliability**.
- Good resistance to lodging.



Elsoms is the exclusive UK distributor of **HEMP-it** seed, ensuring British customers have access to top-tier hemp varieties. Established in 1965, **HEMP-it** is an agricultural co-operative dedicated to producing and distributing high-quality hemp seeds for a wide range of applications including various industrial and bio-based uses.

With a forward-looking approach, **HEMP-it** focuses on breeding certified seeds of the highest quality to meet diverse market demands.



# Growing farm resilience

**Input-efficient crops that can increase carbon capture will help farming and associated industries address climate change, but there must be confidence in achieving profitable and sustainable outcomes.**

The Centre for High Carbon Capture Cropping (CHCx3) is a four-year, multi-partner project that aims to help UK farmers and growers target Net Zero and build farming resilience through diversifying their arable and forage cropping. It will enable new revenue sources through a carbon marketplace and support enhanced value chains for industries such as textiles and construction.

The project is focusing on four cropping options which include:

- **Cover crops**
- **Annual fibre crops**  
(industrial hemp, flax)
- **Perennial food, feed, and forage cropping**  
(including cereals and herbal leys)
- **Perennial biomass crops** (miscanthus, willow/poplar).

Field trials and demonstrations are examining the effect of cultivation systems and agronomy on economic returns and environmental outcomes, with practical outputs including crop guides, web tools and apps.



**CENTRE FOR  
HIGH CARBON CAPTURE  
CROPPING**



## Proud to be a CHCx3 partner

As the UK's leading independent seed specialist, we are part of the multi-partner CHCx3 project that includes research and development, breeders, on-farm processors and end-users.

We're proud to be contributing our breeding expertise as project lead for crop improvement, supporting this ground-breaking project to develop a robust, more sustainable supply chain. Talk to our team to learn more.

## Speak to the specialists

**For any questions about Elsoms' natural fibres range, contact the team today:**

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