

VARIETAL CATALOGUE

60 years
of experience !

CULTURE
PLANT CULTURE
IN THE GENES

A PLANT
WITH MANY
USES

INNOVATION,
SECURITY AND
DEVELOPMENT
DEVELOPMENT

RESPONSIBILITY
SOCIAL AND
ENVIRONMENTAL

HEMP *it*
Seed Producers
Industrial Hemp

SEMENCES 
MADE IN 
FRANCE 

Industrial hemp (*Cannabis sativa* L.) has great potential as a sustainable source of textile fiber; yet, to develop a viable European hemp-for-textile chain, agronomic practices and primary processing need optimization to current industrial standards. A straightforward approach is to process hemp using existing, modern equipment for flax (linen). Here we extensively evaluated the quantity and quality of fiber extracted from field-retted hemp stems, scutched on the industrial flax processing line. Varieties from diverse European origin (USO 31, Dacia Secuieni, Bialobrzeskie, Futura 75, Carmagnola Selezionata, Santhica 27 and Santhica 70) were sown in randomized field experiments in Belgium, which has a rich long-standing tradition in high-quality linen production. Biomass yield and the quantity of long fiber processed were assessed across three growing seasons (2017–2019; plot size: 15–45 m²). In 2018, we also determined the quantity of tow (short fiber) and, the quality of long fiber in terms of fiber tenacity and elongation. The quantity of total fiber extracted (i.e. long fiber plus tow) accounted for 36.2% of the initial straw yield, indicating high processing efficiency. Approximately equal amounts of tow and long fiber were extracted. Mean long fiber yield approximated one ton per hectare; yet yield variation between varieties was considerable (range long fiber yield: 0.6–1.4 ton/hectare).

Despite significant variation between harvest years in straw yield, the quantity of long fiber extracted held relatively constant. Fiber tenacity of long hemp was overall high and comparable to flax (range: 37.6–45.3 cN/tex). Results indicate that field-retted hemp has potential to be processed into quality fiber on the industrial flax line and, that fiber yield can likely further be improved by genotype selection. Harvest mechanization, focused on the collection of parallel hemp stem portions of appropriate length for the flax scutching line (ca. 1 m), seems warranted to make this approach economically viable. Additional research on the fiber properties following hackling and wet-spinning will be needed to fully explore the potentiality of long hemp as a flax supplement for textile applications.

Elsevier - Industrial Crops & Products 158 (2020) 112969

THE COOPERATIVE'S, STORY

Located in the heart of Anjou, HEMP-it is an agricultural cooperative specialising in producing and marketing industrial hemp seeds.

Located in the heart of Anjou, HEMP-it is an agricultural cooperative specialising in producing and marketing industrial hemp seeds. We breed, produce and market our partner producers' seeds to develop sustainable, competitive and responsible agriculture in line with our values: commitment, enthusiasm, durability, boldness and quality.

Led by a network of 155 propagator farmers and 30 employees, on an 8,000m² production site, and more than 500 plots of growing area, we offer our customers in France and worldwide a vast selection of certified industrial hemp seed varieties.

Since our creation in 1964, we have developed our business in the heart of Maine et Loire, a region historically recognised as a production basin for hemp seeds thanks to its climate and proximity to the Loire Valley. Polyculture, livestock farming, horticulture, and seed production have built the region's solid reputation, guaranteeing highly competitive production in the area.

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DISCOVER OUR BUSINESSES

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SUPPORT OUR PRODUCERS

We provide support to our partner producers by supplying them with high-quality seeds, adapted to today's challenges and emerging markets. We offer them innovative solutions in terms of technical itineraries and agricultural machinery to optimize their production while safeguarding natural resources and the health of humans and animals.

CULTIVATE INDUSTRIAL HEMP SEEDS

In April-May, our partners propagate seeds on their farms. July-August is the period for roguing to eliminate dioic males and plants that clearly do not possess desired traits. Harvest is performed in September.

PRODUCTION

Propagated seeds are then delivered to the cooperative. Here they are dried, then transferred to the production site's machines for sorting and cleaning. Our seed production facilities sort and package the seeds before storing them in a cold room for optimal preservation.

MARKETING

With the support of our sales team, we advise our customers on their varietal selection (seed, straw, fibre, etc. purposes) according to local production conditions. We ship and track goods until they are delivered.



VALUES THAT UNITE

COMMITMENT

We act ethically, with respect and integrity towards our employees, our members, our customers and all our stakeholders. As responsible corporate citizens, we are committed to a model of agriculture that respects people, land and plants.

ENTHUSIASM

Because we believe in what we do, we are involved, committed and positive. We work in a spirit of cooperation and reciprocity, with passion and pride.

PERMANENCE

We take a long-term view of our business model to ensure the future of industrial hemp, our members and future generations.

AUDACE

We cultivate curiosity, diversity, entrepreneurship and innovation. We think outside the box to imagine the seeds of tomorrow.

QUALITY

Customer satisfaction is the cornerstone of our business, which is why we strive to maintain a high level of quality throughout our production.





HEMP-IT ADN, UNIQUE INNOVATION STRUCTURE AND VARIETY CREATION

Launched in 2017 and created in 2019, HEMP-it adn is the HEMP-it cooperative and Fédération Nationale des Producteurs de Chanvre's (FNPC) brand dedicated to varietal innovation.

This new work, supported by a dynamic and experienced team with a strong scientific understanding of the land and the plants, aims to strengthen, accelerate and refine hemp variety creation.

As a source of diversity and value creation, innovation and varietal creation are strategic to the heart of our development project. This is why we invest more than 15% of our turnover in innovation and the creation of hemp varieties. These investments have resulted in the creation of a new scientific unit : HEMP-it adn and continue today with the introduction of new tools.

HEMP-IT ADN'S OBJECTIVES ARE TO:

- Select our plants to create varieties that meet new quality criteria and the expectations of producers, industrialists and consumers,
- Accelerate the plant breeding process through the use of innovative plant biotechnologies,
- Ensure the quality of French industrial hemp by promoting the production of high-quality, high-performance seeds,
- Enrich our plant knowledge through partnerships with research centres and competitiveness centres.

R&D - A RESPONSE TO THE NEEDS OF PRODUCERS, INDUSTRIALISTS AND CONSUMERS

In response to the needs expressed by producers, industrialists and consumers HEMP-it adn employees aim to work on and improve genetic resources by creating new hemp varieties that are better adapted to the latest industrial processes.

HEMP-IT ADN'S MAIN RESEARCH FOCUS IS :

- Adaptation to new trends in production techniques and industrial processes : for more uniformity and quality
- Better yields
- Industrial schedules adapted to each production method
- Adaptation to regulatory constraints
- Better parasite resistance

DISCOVER
SEARCH



A NEW INNOVATIVE TOOLS

Research and Development is a strategic element of the breeder's work: helping to anticipate needs and imagine varieties for tomorrow's challenges.

Existing and emerging hemp markets require varieties with increasingly precise and complex biological and agronomic characteristics.

At the end of 2022, HEMP-it adn launched its first research and breeding programs in its new facilities. As well as developing new varieties and biotechnological tools, this controlled environment will enable us to gather information more rapidly on the potential performance of our germplasm with a view to approaching new markets, both in France and internationally.

The high-potential germplasm that emerges from these climatic chambers will be more stable and reliable, and will ensure the renewal of varieties for tomorrow.

60 years of history

1964



CREATION OF THE CCPSC

Coopérative Centrale des Producteurs de Semences de Chanvre

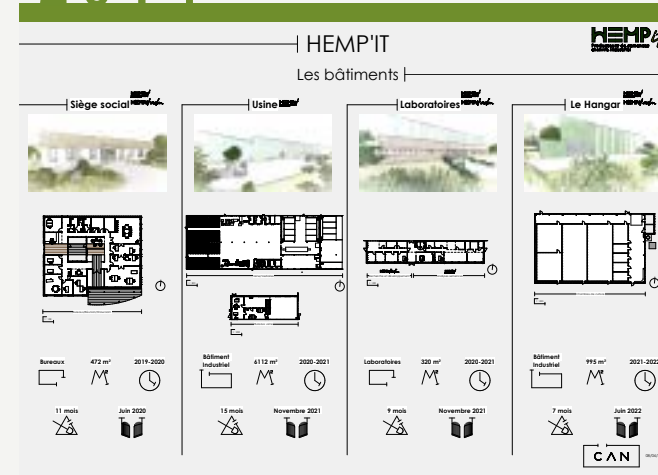
1965



INSTALLATION OF THE CCPSC

The foundation of CCPSC, the production cooperative for industrial hemp seeds, in Beaufort-en-Vallée (Maine-et-Loire, France)

2014



NEW TOOL PROJECT

An increase in the production area and the decision to modernise the production factory

2017



NEW IDENTITY

The consolidation of all the Beaufort-en-Vallée activities
With a new identity, CCPSC became HEMP-it

2019



NEW

The creation of a protected area for hemp seed production. Creation of HEMP-it adn, which is dedicated to R&D and varietal innovation

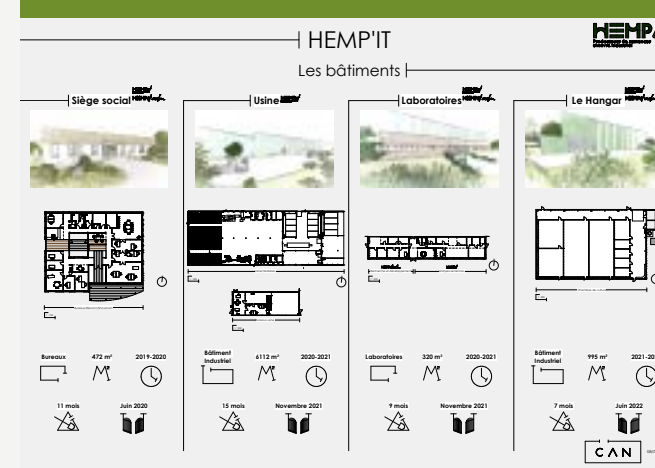
2020



NEW HEADQUARTERS

HEMP-it's relocation to its new bio-sourced hemp material head office SOC (Official Service for Control and certification of seeds and plants) certification for hemp seed production

2021



NEW PRODUCTION SITE

Implementation of a new, 6,500m2 industrial production facility

2022



HEMP-IT INSTALLATION

Culture chamber launch
Health analyses laboratory authorisation

IN 2023, HEMP-it continues to be the European leader in certified hemp seed production and marketing.

ABOUT GROWING HEMP OF HEMP

Let's start from the premise that it's a very interesting plant in the rotation, thanks to its effects: no phytosanitary inputs, smothering effect, lower water requirements than other crops, soil-structuring effect. However, one must be careful not to neglect certain aspects, otherwise there is a risk not benefit from all these advantages.

CHOICE OF PLOT

Choosing a deep, humus-rich soil with good water retention and loosened compacted soil will favour hemp emergence, as will a light sandy loam or clay loam soil. Conversely, sandy, shallow, gravelly or compacted soil will limit the plant's root development.

PREVIOUS CROP

Prohibit crops whose harvest involves heavy compaction: beet, potatoes, corn. Avoid buckwheat because of its allelopathic effect (especially in dry autumns and winters).

INTERCULTURAL PLANT COVER

Cover crops act both to protect the soil (leaching, runoff, nitrate) and to improve future crops. Their choice will therefore be crucial, especially as they should be destroyed at the start of winter (rolling, ploughing) so that they can be put to full use by hemp in spring. Prefer winter faba bean or mixtures of winter faba bean + phacelia. Phacelia has the advantage of being able to pump the phosphorus absorbed on the complex (otherwise unusable by the crop) and make it available to hemp. This improves emergence density, planting quality and emergence vigour.

SEEDBED QUALITY AND SOWING PERIOD

Ideal soil preparation for hemp:

- Fine preparation to increase the surface area of grain-soil contact (hence moisture),
- However, a few small clods to counterbalance the risk of threshing,
- No structural obstacles at depth to allow good development of the root system.

Moreover, emergence is linked to a sum of temperatures: between 80 and 100°C cumulative. The warmer the weather, the quicker the crop emerges, and the more likely it is that the next stage will be successful (no weeds, good development, good yields). Hemp should mark the row from day 6. Depending on geographical location, the ideal period can start as early as the beginning of April and end in the last fortnight of May. As long as you respect these points, you'll have successfully sown your hemp crop. All that's left to do is to plan the rest of the cultivation with peace of mind. This is no longer a matter for the farmer, but essentially depends on the weather. Poor sowing and poor emergence will undoubtedly ruin your hopes of a good result. Good sowing and good emergence mean that one can look forward more calmly to the crop, but only the harvest can guarantee that it has gone well.

SEEDLING PREPARATION

Soil temperature is the most important factor in ensuring good seedling establishment and emergence. The soil must be fine, dry and warmed to at least 10-12°C. The sowing period varies according to the desired orientation. Sowing can be carried out from mid-April to the end of April for chenevotte and seed markets. For fiber markets, sowing can take place from late April to early May.

Sowing can be carried out if the following 5 to 6 days' weather conditions are suitable: mild weather and no thunderstorms to avoid a crust of threshing soil. Use a disc seed drill with press rollers (max. depth 2 cm and press seed line) to ensure good seed-to-soil contact.

EXAMPLES OF TECHNIQUES

These examples of cropping itineraries should be adapted according to soil analysis.

The sowing date can vary immensely, depending on the agricultural region, soil conditions and production purpose. The earlier the sowing, the higher the risk of seed or seedling death. The more periods of rainfall there are, the higher the risk of seed or seedling death.

Consequently, early sowing should be carried out with a higher seeding rate. It is also advised to adapt the seeding rate to the soil conditions, weed pressure, type of crop, type of seeder, type of weed control (mechanical) and the farmer's experience with the crop.

PLANTING

The agronomic conditions required for planting are the same for seed, fibre and shive varieties. Namely:

- Soil temperature of 10°C (within a range of 0-10cm)
- Unpacked and crumbling soil
- No foreign matter on the soil surface
- Plot dried out
- Plot level
- Sowing depth 1cm

FLOWERING

Flowering does not start at the same time and depends on the earliness of the selected variety.

It should be noted that this flowering stage is essential for seed output varieties. The conditions to be adhered to maximise seed production are:

- Temperature: During the filling stage $T^{\circ} > 35^{\circ} \text{C}$ is detrimental (loss of PMG)
- Light: The leaves ensure photosynthesis and therefore the plant's nutrition (seed filling)

HARVESTING

As with flowering, harvesting begins depending on the earliness of the selected variety.

The tools used during harvesting vary according to the purpose of the selected variety

Essential tools for seed harvesting: rotor or conventional threshing machine

Essential tools for fibre and shive harvesting: double blade mower or TP 7 mower and rake



.....
SCAN
THE QR CODE
TECHNICAL ITINERARY
.....



AGRICULTURAL ADVICE AND SUPPORT

Possibility of making use of HEMP-it's agronomic technician to be supported in the different stages of the hemp plant development :

UPSTREAM PREPARATION : in the choice of varieties and preparation of the soil before sowing

IN THE COURSE OF GROWING : to assess and validate the development of the plant

DOWNSTREAM : to make the post culture balance-sheet.

Tailor-made support to be defined on request by the Agronomic Department : b.hurstel@hemp-it.coop

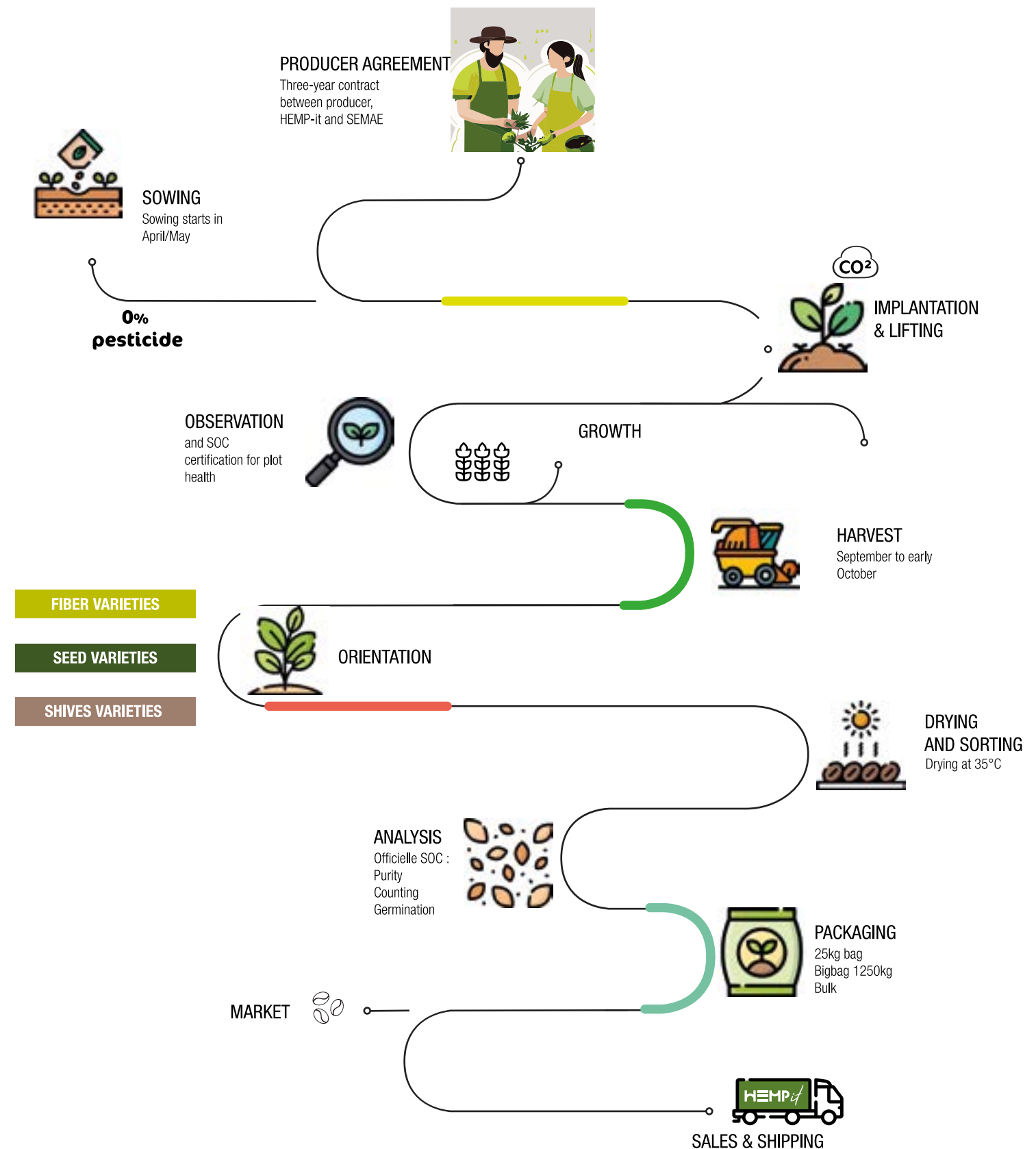
ENVIRONMENTAL QUALITIES

- Soil cleaning ability (Japan)
- Carbon sinks
- Minimal use of crop protection products

AGRONOMIC QUALITIES

- Significant return for the next crop
- Soil-structuring root system
- Limits surface water run-off and leaching
- Enhanced cultivation within a cropping system

FROM SEED TO CERTIFIED SEED



WHAT IS A HEMP SEED?

WHY CERTIFY HEMP SEED?

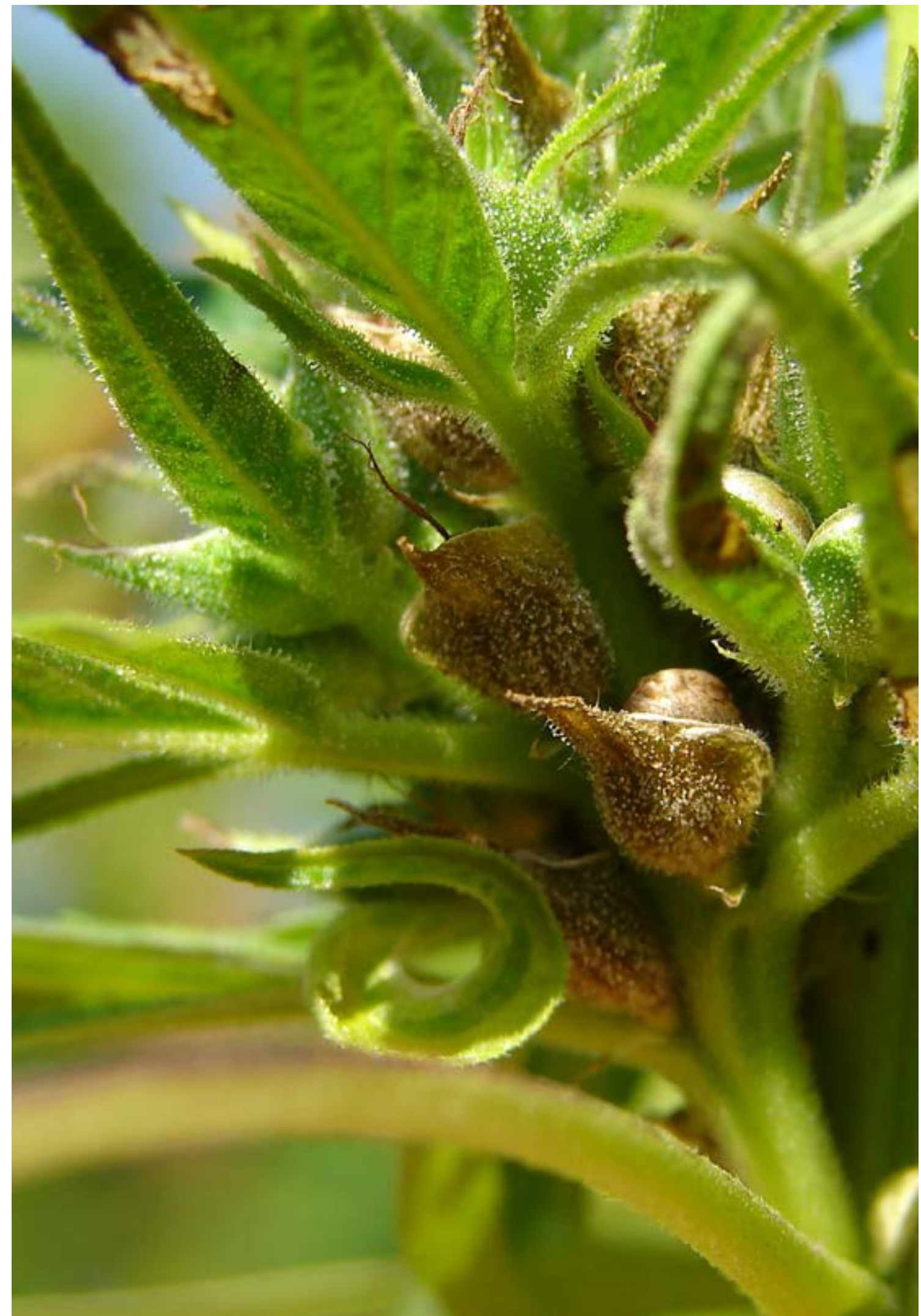
Certified seed is tested to ensure varietal identity, specific purity, germination rate and health quality. The seeds can be marketed when all these conditions have been approved. SOC (Official Service for Control and certification of seeds and plants) is the organisation responsible for the approval of hemp seeds in France. The objective of certified seed is to guarantee the conformity of the variety identity, genetic purity threshold, and physiological and health status as a result of traceability for users

WHAT'S THE DIFFERENCE BETWEEN A SEED AND A SEEDLING?

Unlike industrial hemp seed, which can only be consumed or processed, certified seed is the only seed that can only be used for sowing. It is defined by technical regulations, and provides all the guarantees required to secure users' harvests.

WHAT ARE THE SEED ANALYSIS CRITERIA?

From the field to distribution, checks are performed at all stages of the seed production process. Any non-conformity results in the rejection of the batch. Declaring the production to the S.O.C. is compulsory for seed production. Various criteria must be met to certify a batch lot: approval of the mother seed batch, the production plot's history with regard to compliance with technical regulations, batch traceability and batch approval.



INTERNAL SEED ANALYSIS LABORATORY

The laboratory has been fitted with new technological equipment, making it officially recognised as a seed analysis unit. In our endeavour to constantly improve our seed quality, we wanted to develop our internal skills in order to directly analyse our growers' batches on site. These analyses allow us to monitor our production facility closely and provide unparalleled quality in the hemp seeds we supply globally.

This expertise ensures our performance in the following analyses :

- BATCH APPROVALS USING MICRO-CLEANING
- GERMINATION CAPACITY
- PURITY
- COUNTS
- OROBANCH
- PATHOLOGY

We therefore analyse over 600 batches every year in our laboratory.



HEMP IS A CONTROLLED AND REGULATED CROP

Industrial hemp (*sativa* L.) differs from medical cannabis, which contains a high level of THC (tetrahydrocannabinol), unlike hemp.

The cultivation of industrial hemp is strictly regulated by both the French Public Health Code and European legislation. In France, only the seed production and marketing cooperative HEMP-it is authorized to issue industrial hemp seed, and only varieties with a THC content of less than 0.3% are authorized for cultivation. To date, 79 hemp varieties are authorized in Europe, of which only 21 are approved by the French authorities. The HEMP-it catalog contains 17 varieties that can be multiplied, certified and registered in the European catalog.

USEFUL REFERENCES

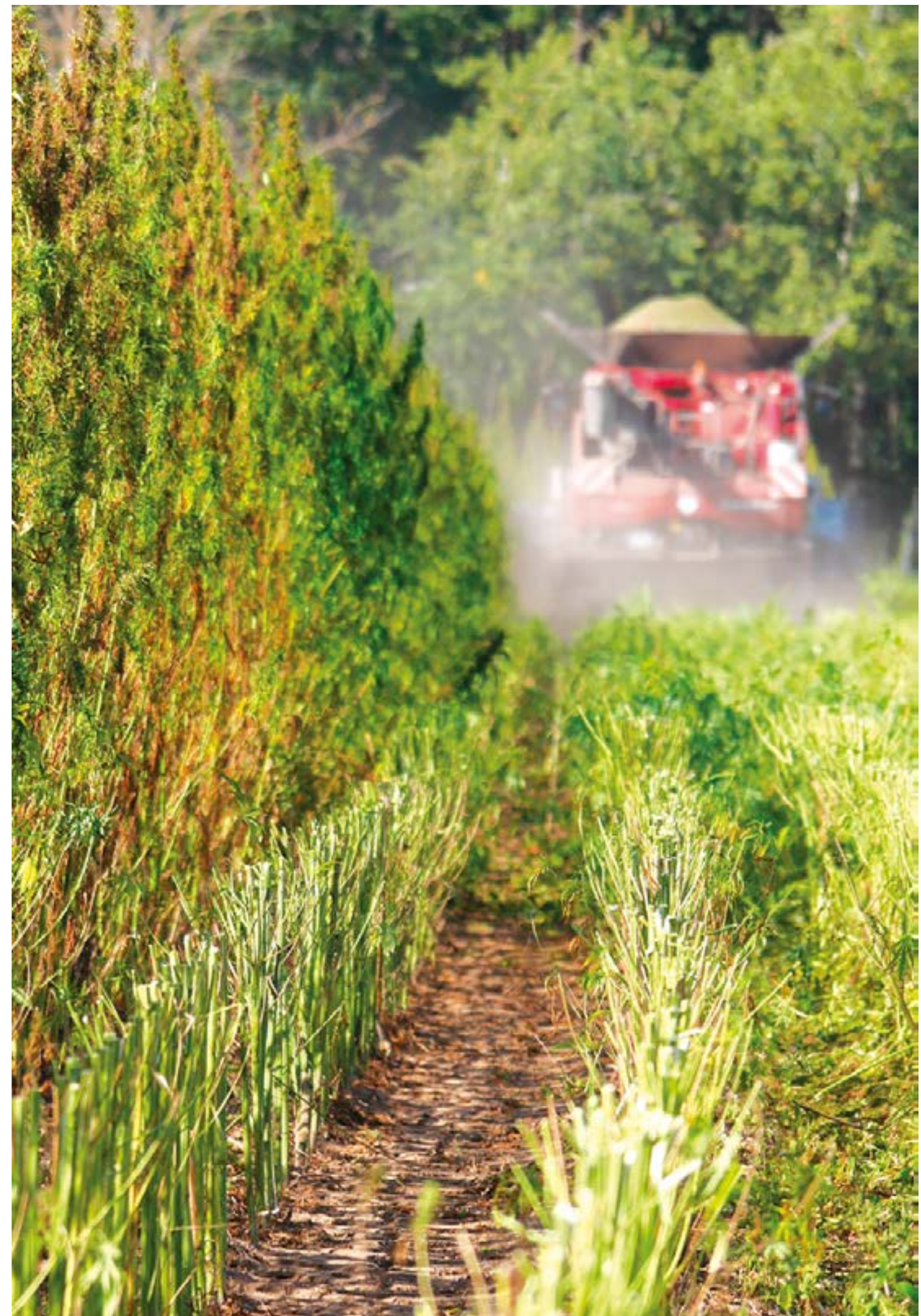
Ruling of December 30, 2021 implementing article R. 5132-86 of the public health code, available on the website www.legifrance.gouv.fr

THE REGULATORY FRAMEWORK

According to the Decree of December 30, 2021 implementing Article R.5132-86 of the Public Health Code:

Only active farmers within the meaning of current European and national regulations may grow hemp flowers and leaves (Only farmers registered with the MSA may do so on French territory).

Only varieties with a THC content of less than 0.30% and registered in the Common Catalogue of Varieties of Agricultural Plant Species or the Official Catalogue of Plant Species and Varieties may be grown in France (certified).



PRESENTATION
OUR VARIETIES

OSTARA 9
FOOD & COSMETIC
MONOECIOUS



NASHINOÏDE 15
FIBRE
MONOECIOUS



MONA 16
FOOD & COSMETIC
MONOECIOUS



DJUMBO 20
FOOD & COSMETIC
DIOECIOUS



MUKA 76
FIBRE
MONOECIOUS



FUTURA 83
SHIVE
MONOECIOUS



Height	●●●●○○○○○○	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○	●●●●●●●○○○	●●●●●●●○○○
Cycle length	●●●○○○○○○○	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○	●●●●●●●○○○	●●●●●●●○○○
Production potential straw	●●●○○○○○○○	●●●●●○○○○○	●●●●●●○○○○	●●●●●○○○○○	●●●●●●●○○○	●●●●●●●●●●
Production potential fibre	●●●○○○○○○○	●●●●●●●○○○	●●●●●●○○○○	●●●●●○○○○○	●●●●●●●○○○	●●●●●●●○○○
Production potential seed	●●●●●●●○○○	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○	●●●●○○○○○○	●●●●○○○○○○
Fibre richness	●●●●○○○○○○	●●●●●●●○○○	●●●●●●○○○○	●●●●●●○○○○	●●●●●●●○○○	●●●●●○○○○○
PMG	●●●●●○○○○○	●●●●●○○○○○	●●●●●●○○○○	●●●●●●●○○○	●●●●●○○○○○	●●●●●●○○○○
THC level	●○○○○○○○○○	○○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○
CBD level	●○○○○○○○○○	○○○○○○○○○○	●●○○○○○○○○	●●○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○
Lodging resistance	●●●●●●●○○○	●●●●●●●○○○	●●●●●●●○○○	●●●●●●●○○○	●●●●●●○○○○	●●●●●●●○○○
Broomrape tolerance to broomrape	●●○○○○○○○○○	●●○○○○○○○○○	●●○○○○○○○○○	●●○○○○○○○○○	●●●●●●○○○○	●●●●●●○○○○

HEMP YOURSELF OUR VARIETIES

SALAD ? WHY NOT **OSTARA 9**



A SURFBOARD FOR THE SUMMER IS GREAT,
BUT ONE MADE FROM **MUKA 76** IS BETTER



I'M WARM WITH MY
FUTURA 83



ORION 33 TO KEEP PAPERS
TOGETHER



I'VE MADE UP MY MIND: TOMORROW I'M GOING
TO CHANGE MY SNEAKERS AND DARE TO WEAR
SANTHICA 70



NASHINOÏDE 15 IS PART OF MY DASHBOARD



LOOKING FOR A PAIR
OF JEANS **FIBROR 79**
WILL CATCH YOUR EYE





PLANT
BREEDING

PHENOTYPING
AND GENOTYPING
CHARACTERISTICS OF
GENETIC RESOURCES



GENETIC
RESOURCES

PLANT
BREEDING
FROM THE MOST APPROPRIATE
GENETIC RESOURCES FOR
A SPECIFIC PROGRAMME



FIELD TEST ACROSS
OUR NETWORK OF
EXPERIMENTAL STATIONS
ON POTENTIAL NEW VARIETIES



VARIETIES REGISTERED
IN THE OFFICIAL
CATALOGUE
(AND WITH THE FRENCH CODE OF PUBLIC
HEALTH FOR HEMP)

SEED
PRODUCTION



MARKETING



VARIETIES

FIBRE-ORIENTED

Selected for very specific uses, fiber varieties deserve special attention if they are to express their full potential. When you choose to grow these varieties, we advise you to follow the cultivation recommendations to make the most of their technical qualities.

NASHINOÏDE 15
FIBRE
MONOECIOUS



MUKA 76
FIBRE
MONOECIOUS



SANTHICA 70
FIBRE
MONOECIOUS



Height	●●●●●○○○○○	●●●●●●●○○○	●●●●●●○○○○
Cycle length	●●●●●○○○○○	●●●●●●●○○○	●●●●●●●○○○
Production potential straw	●●●●●○○○○○	●●●●●●●○○○	●●●●●●●○○○
Production potential fibre	●●●●●●●○○○	●●●●●●●○○○	●●●●●●●○○○
Production potential seed	●●●●●●○○○○	●●●●○○○○○○	●●●●○○○○○○
Fibre richness	●●●●●●●○○○	●●●●●●●○○○	●●●●●●●○○○
PMG	●●●●●○○○○○	●●●●●○○○○○	●●●●●●○○○○
THC level	○○○○○○○○○○	●○○○○○○○○○	○○○○○○○○○○
CBD level	○○○○○○○○○○	●○○○○○○○○○	○○○○○○○○○○
Lodging resistance	●●●●●●●○○○	●●●●●●○○○○	●●●●●●○○○○
Broomrape tolerance to broomrape	●●○○○○○○○○	●●●●●●○○○○	●●●●●●○○○○



VARIETIES
PRE-ORDER

Reservations to be made before December 2024 and confirmed before end of 2024 by downpayment to secure the quantities. Stock allocated in priority to orders placed before 15/03/2024 for delivery in 2025. All orders are processed in priority order.

	SANTHICA 27	FUTURA 75	FIBROR 79
	MONOECIOUS	MONOECIOUS	MONOECIOUS
Type	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
Height	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
Cycle length	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
Production potential straw	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
Production potential fibre	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
Production potential seed	●●●●●○○○○○	●●●●○○○○○○	●●●●○○○○○○
Fibre richness	●●●●●●○○○○	●●●●●○○○○○	●●●●●○○○○○
PMG	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
THC level	○○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○
CBD level	○○○○○○○○○○	●●○○○○○○○○	●●○○○○○○○○
Lodging resistance	●●●●●●○○○○	●●●●●●○○○○	●●●●●○○○○○
Broomrape tolerance to broomrape	●○○○○○○○○○	●●●○○○○○○○	●●●●●○○○○○
	FELINA 32	FEDORA 17	FERIMON
	MONOECIOUS	MONOECIOUS	MONOECIOUS
Type	●●●●●●○○○○	●●●●●○○○○○	●●●●●○○○○○
Height	●●●●●●○○○○	●●●●●○○○○○	●●●●●○○○○○
Cycle length	●●●●●●○○○○	●●●●●○○○○○	●●●●●○○○○○
Production potential straw	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Production potential fibre	●●●●●●○○○○	●●●●●○○○○○	●●●●●○○○○○
Production potential seed	●●●●●●○○○○	●●●●●●○○○○	●●●●●○○○○○
Fibre richness	●●●●●●○○○○	●●●●●○○○○○	●●●●●○○○○○
PMG	●●●●●●○○○○	●●●●●●○○○○	●●●●●○○○○○
THC level	●○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○
CBD level	●●○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○
Lodging resistance	●●●●●●○○○○	●●●●●●○○○○	●●●●●●○○○○
Broomrape tolerance to broomrape	●○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○



VARIETIES

FOOD & COSMETIC ORIENTED

OSTARA 9

FOOD & COSMETIC
MONOECIOUS

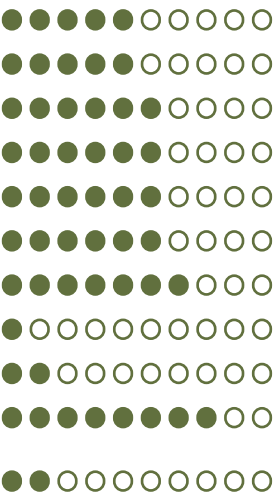
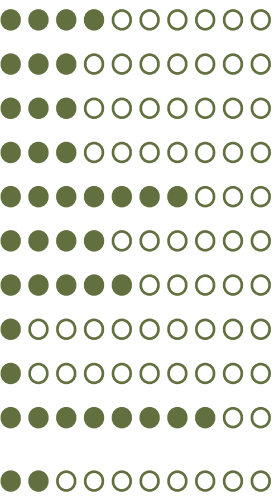


MONA 16

FOOD & COSMETIC
MONOECIOUS



- Height
- Cycle length
- Production potential straw
- Production potential fibre
- Production potential seed
- Fibre richness
- PMG
- THC level
- CBD level
- Lodging resistance
- Broomrape tolerance to broomrape



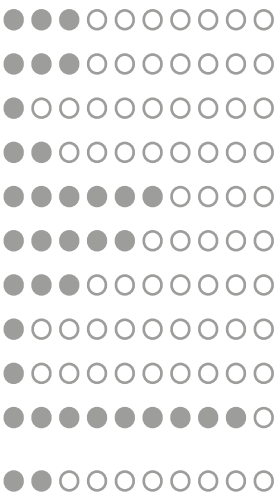
VARIETIES
PRE-ORDER

Reservations to be made before December 2024 and confirmed before end of 2024 by downpayment to secure the quantities. Stock allocated in priority to orders placed before 15/03/2024 for delivery in 2025. All orders are processed in priority order.

- Type
- Height
- Cycle length
- Production potential straw
- Production potential fibre
- Production potential seed
- Fibre richness
- PMG
- THC level
- CBD level
- Lodging resistance
- Broomrape tolerance to broomrape

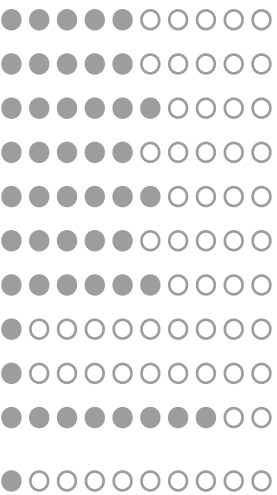
EARLINA 08

MONOECIOUS



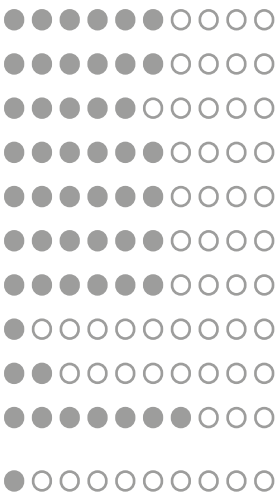
FEDORA 17

MONOECIOUS



FELINA 32

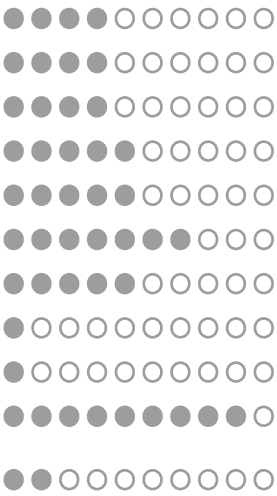
MONOECIOUS



- Type
- Height
- Cycle length
- Production potential straw
- Production potential fibre
- Production potential seed
- Fibre richness
- PMG
- THC level
- CBD level
- Lodging resistance
- Broomrape tolerance to broomrape

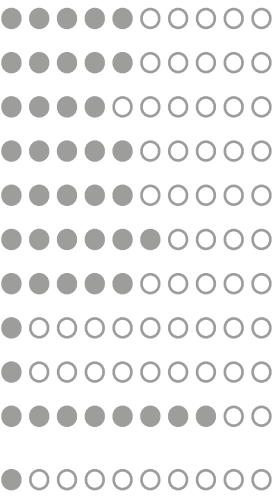
USO 31

MONOECIOUS



FERIMON

MONOECIOUS



VARIETIES
SHIVE ORIENTED

FUTURA 83
SHIVE
MONOECIOUS



Height	●●●●●●●●○○
Cycle length	●●●●●●●●○○
Production potential straw	●●●●●●●●●●
Production potential fibre	●●●●●●●●○○
Production potential seed	●●●●○○○○○○
Fibre richness	●●●●●○○○○○
PMG	●●●●●●●○○○
THC level	●○○○○○○○○○○
CBD level	●○○○○○○○○○○
Lodging resistance	●●●●●●●○○○
Broomrape tolerance to broomrape	●●●●●●○○○○



VARIETIES

PRE-ORDER

Reservations to be made before December 2024 and confirmed before end of 2024 by downpayment to secure the quantities. Stock allocated in priority to orders placed before 15/03/2024 for delivery in 2025.
All orders are processed in priority order.

	FEDORA 17	FELINA 32	FUTURA 75
Type	MONOECIOUS	MONOECIOUS	MONOECIOUS
Height	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Cycle length	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Production potential straw	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Production potential fibre	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Production potential seed	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Fibre richness	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
PMG	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
THC level	●○○○○○○○○○○○	●○○○○○○○○○○○	●○○○○○○○○○○○
CBD level	●○○○○○○○○○○○	●●○○○○○○○○○○○	●●○○○○○○○○○○○
Lodging resistance	●●●●●●●○○○	●●●●●●●○○○	●●●●●●●○○○
Broomrape tolerance to broomrape	●○○○○○○○○○○○	●○○○○○○○○○○○	●●●○○○○○○○○○



VARIETIES

DIOÏC

DJUMBO 20

CBD

DIOECIOUS



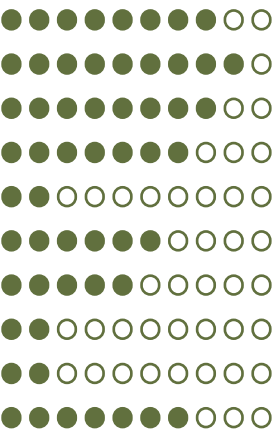
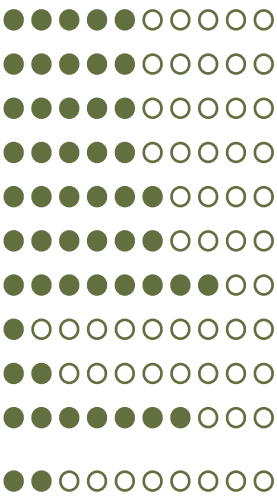
DIOÏCA 88

CBD

DIOECIOUS



- Height
- Cycle length
- Production potential straw
- Production potential fibre
- Production potential seed
- Fibre richness
- PMG
- THC level
- CBD level
- Lodging resistance
- Broomrape tolerance to broomrape



Not evaluated



YOUR DAILY CONTACTS



CHRISTOPHE
FEVRIER

**MANAGING
DIRECTOR**

c.fevrier@hemp-it.coop
+33(0)6 72 96 44 13



JEAN-ERIC
PONTHOU

**BUSINESS
DEVELOPMENT
MANAGER**

je.ponthou@hemp-it.coop
+33(0)7 48 11 25 34



NATHALIE
DAVAINE

**SALES
ADMINISTRATION
ASSISTANT**

n.davaine@hemp-it.coop
+33(0)2 41 45 23 23



AXEL
DELANNEAU

**MARKETING AND
SALES CONSULTANT**

a.delanneau@hemp-it.coop
+33(0)2 41 45 23 23



BRUNO
HURSTEL

**AGRONOMIC AND
AGRICULTURAL
EVALUATION
MANAGER**

b.hurstel@hemp-it.coop
+33(0)06 84 42 40 15

WWW.HEMP-IT.COOP

HEAD OFFICE - PRODUCTION SITE

6 rue Louis Lumière, Zone Actival
Beaufort-en-Vallée
49250 BEAUFORT-EN-ANJOU - FRANCE

02.41.45.23.23
contact@hemp-it.coop



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