



HEMP SEED CATALOGUE 2024

EU REGISTERED
VARIETIES



- 26** Hemp seeds varieties from 6 different countries
- 6** New bred french hemp seeds varieties
- 1** Farming guide provided with every seeds order



Hempoint offers a wide range of certified European planting hemp seed varieties in cooperation with European breeders.

All varieties in this catalogue are listed in the European Plant Variety Database.

Hempoint has been distribution planting seeds for farmers since 2012.

CEO, Hana Gabrielova, has created an international network of partners to provide quality seeds that farmers can trust.

The Hempoint network extends to over 50 countries and has completed consulting projects and freight shipping to thirty countries globally.

CONNECTING THE DOTS

Hemp seed variety descriptions



ITALIAN VARIETY

Carmagnola	Named after Carmagnola town, famous Italian region for cultivation of hemp for rope and fabric making. Bred for fiber production.
Eletta Campana	This variety is characterized by the anthesis of late female flowering which makes it suitable for the cultivation area of the southern regions.
Fibranova	Developed from the crossing of Eletta Campana x Carmagnola to produce fiber.



FINNISH VARIETY – Market restriction – available only for EU market

Finola	Finola produces abundant grain in a short, auto-flowering and early maturing crop. Finola grows best in continental and temperate regions. It was the first industrial oilseed hemp variety to be registered in Canada and the EU. SOLD IN EUROPE ONLY.
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FRENCH VARIETY

NEW **Djumbo 20** Exclusively bred for straw production and/or for CBD purposes.

Earlina 8FC	Earlina 8FC is bred for grain production and is one of the earliest grain varieties to mature. Large yields of seed can be expected with over 30% oil and 25% protein, along with moderate levels of CBD. Best suited for climates with lower levels of humidity and shorter growing zones.
Fédora 17	One of the favorites among Central European growers, this variety is successfully grown across the entire European Union, mainly for the production of grain to produce hemp oil but also for flowers; Fedora 17's flowers can reach high levels of cannabinoids for CBD production compared to other European varieties, which can reach only 5% maximum. Fast growing with good acclimatization properties.
Félina 32	One of the most cultivated varieties of hemp in the European Union, Felina 32's popularity is based on its tall stalks, and higher than average production of flowers that hold higher CBD content relative to other European hemp strains. Selected phenotypes of Felina 32 have been proven for the production of legal CBD blossoms in Switzerland. Felina 32 has great potential to produce branches if planted densely. Performs best in continental or oceanic climates.
Férimon	While Ferimon best expresses its characteristics in northern latitudes where it can give high seed yield and produce significant fibre, it has also shown adaptability in central and southern Europe. Ferimon grain is widely used in agri-food and cosmetics applications.

Hemp seed variety descriptions



FRENCH VARIETY

Fibror 79	A new variety that's bred exclusively for its rich fibre content, it can be grown in any geographical location, including areas with high heat, humidity and rainfall. The plant's genetics show a yellow stem that is long and straight, along with yellow-green leaves as the plants mature.
Futura 83	A new variety introduced in 2021, Futura 83 has a late-flowering cycle that makes it ideal for biomass production. The plant finds its home in southern latitudes where higher levels of humidity are found. Futura 83 brings heavy fibre yields with long straight stalks.
NEW Mona 16	Early monoecious variety with large seeds, well adapted to the hulling process. Precocity equivalent to that of Fédora 17.
NEW Muka 76	Muka is a late flowering fibre variety with a larger geographical region than Santhica. Muka was developed with mechanical processing in mind and said to be easier for fibre and hurd separation in post-processing methods. Muka 76 is new hemp variety breeder for high production of biomass (+15%) and good yields of fibres and shives.
NEW Nashinoide 15	Canabinoid-free monoecious variety, early and rich in fiber. Precocity equivalent to Fedora 17. Developed for seed orientation. Guaranteed THC-free for all food and cosmetic applications.
NEW Orion 33	Orion is meant for grain or dual-crop purposes. It is an early flowering variety with a long vegetative cycle. This variety has been developed to be broomrape tolerant. Orion 33 can produce good grain yields in more southern latitudes. Orion 33 is grown for high yield of seeds with high content of protein, and is also broomrape-tolerant variety. It can be grown in areas with low infestation without drops in yields, all while slowing the development of the parasite
NEW Ostara 9	A very early monoecious variety, earlier than USO 31 but larger than Earlina 8FC.
Santhica 70	Santhica 70 expresses relatively high levels of more stable CBG, and extremely low THC. This variety grows best in areas where humidity levels are on the higher side. This variety is not commonly harvested for seeds, so humidity levels conducive to seed growth are unnecessary.
USO 31	A variety widely in use in Europe, USO 31 is a good compromise between an early seed harvest and a crop with high fibre content. Well proven for its versatility and adaptability, this seed grows well in temperate zones of the Mediterranean as well as in Central Eastern Europe. Very low in phytocannabinoids content. (*also available in organic option)

Hemp seed variety descriptions



HUNGARIAN VARIETY

Kompolti Kompolti is the oldest registered variety in Europe and is one of the latest maturing varieties. It is a very good fibre producing variety and can produce some of the most CBD of all registered industrial hemp varieties. Kompolti is traditionally multiplied in small amounts due to low seed yield.

Tiborszálási Bred for fibre production, if sown for seed production in wide spacing, the height can reach 4-5 m.



POLISH VARIETY – Market restriction for Poland, Lithuania, Latvia, Estonia, UK, Northern Ireland, Ireland and USA

Bialobrzeskie Bialobrzeskie is characterized by a high yield of seeds, and abundant high quality fibres. A stabilized variety that has primarily been grown for textile purposes since the 1960s.

Henola The grain/oil variety, which is characterized by a grain yield higher than other varieties available on the market and shorter plant height – up to about 2m, and a vegetation period shorter by 3 weeks as compared to Bialobrzeskie. Henola seed contains a very favorable ratio of fatty acids.

Tygra Tygra is characterized by a high yield of good quality fibre, used especially for technical purposes. It also has potential for a grain yield up to one tonne. A stable variety with a relatively short vegetation period.



ROMANIAN VARIETY

Dacia Secuieni Resistant to low temperatures, drought, and diseases.

Secuieni Jubileu Exhibits resistance to low temperatures, heat, lodging, hemp borer, and fusarium

Zenit Shows resistance to low temperatures, lodging, hemp borer, and fusarium.

Sow Cultivate Harvest



Farming data

On following page is some farming data we have collected over the years, we hope it helps you with your choice!



This data is gathered from online information sources, breeders and other free available sources. They have purely informational character and final plant values may differ. We are therefore not responsible or liable for different content of cannabinoids or crop yield.

In case of any missing information or further questions, feel free to contact us.




office@hempoint.cz

Farming data of hemp varieties

	CBD	THC	Type	Purpose	Vegetative cycle/days for		Mature plant height	Yield of seeds	Oil content in seeds	TSW (1000 seeds weight)	Fibre content (stem)	Biomass yield
Variety	%	%			fibre	flower/seed	metres	tons/ha	%	g	%	tons/ha
 ITALIAN VARIETY												
Carmagnola	2 - 4	< 0,3	dioecious	fibre	160	180	3,5 - 5,5	0,6 - 0,8	28 - 30	16,3	30 - 35	12 - 15
ElettaCampana	1 - 2	< 0,2	dioecious	fibre	150	170	2,5 - 3,5	0,4 - 0,6	28 - 30	15,6	30 - 35	10 - 12
Fibranova	2 - 3	< 0,3	dioecious	fibre	150	170	2,5 - 3,5	0,4 - 0,6	28 - 30	15,2	30 - 35	10 - 12
 FINNISH VARIETY – Market restriction – available only for EU market												
Finola	1,5 - 2,5	< 0,2	dioecious	seeds	n/a	100 - 110	1,6 - 1,8	1 - 2	30 - 35	12 - 15	n/a	n/a
 FRENCH VARIETY					*		**			**		
NEW Djumbo 20	0,7	0,03	dioecious	seeds, flowers	93 - 98	133 - 138	1,6 - 1,9	1,0	30 - 31	18	39,5	5
Earlina 8FC	2 - 3	< 0,12	monoecious	flowers, seeds	95	125	1,5 - 2	1 - 1,2	31,5	10	28,3	8
Fédora 17	1,5 - 2	< 0,12	monoecious	flowers, seeds	105	130	2 - 2,5	0,8 - 1	30,5	13	27,3	8 - 10
Félina 32	2 - 3	< 0,12	monoecious	flowers, seeds	105	135	2,5 - 3,5	0,8 - 1	33,3	12,5	30,7	10 - 12
Férimon	1 - 1,5	< 0,12	monoecious	seeds, fibre	95	125	2 - 2,5	0,8 - 1	31,6	12	31,1	6 - 8



(*) at the latitude of Le Mans, France (**) late sowing impacted the figures

Farming data of hemp varieties

	CBD	THC	Type	Purpose	Vegetative cycle/days for		Mature plant height	Yield of seeds	Oil content in seeds	TSW (1000 seeds weight)	Fibre content (stem)	Biomass yield
Variety	%	%			fibre	flower/seed	metres	tons/ha	%	g	%	tons/ha
 FRENCH VARIETY					*		**				**	
Fibror 79	2 - 3	< 0,2	monoecious	fibre	110	145	2,5 - 3,5	0,5 - 0,8	33	19	32,1	10 - 12
Futura 83	2 - 3	< 0,12	monoecious	fibre	115	150	2,5 - 3,5	0,8 - 1	32,9	14	29,3	10 - 12
NEW Mona 16	0,5	0,05	monoecious	seeds, fiber	92 - 97	132 - 137	1,7 - 1,9	1,5	31 - 32	18,3	34	7
NEW Muka 76	0,2	0,01	monoecious	seeds, fiber	102 - 108	142 - 148	1,8 - 1,9	1,1	31 - 31	14	42	6
NEW Nashinoïde 15	0	0	monoecious	fiber	94 - 98	133 - 138	1,6 - 1,9	1,2	31 - 31	16,7	38	6
NEW Orion 33	0,7	0,07	monoecious	seeds, flowers, fiber	103 - 104	143 - 144	1,8 - 1,9	1,1	29 - 30	18	34	7
NEW Ostara 9	0,5	0,03	monoecious	seeds	74 - 79	117 - 122	1,3 - 1,9	1,4	30 - 31	14,5	33	5
Santhica 70	1 - 2 CBG	< 0,12	monoecious	fibre, CBG	110	140	2 - 2,5	0,8 - 1	30,9	12	34,8	8 - 10
USO 31	0,5 - 1	< 0,02	monoecious	seeds	95	125	2 - 2,5	1 - 1,2	30,8	13	35,3	6 - 8

(*) at the latitude of Le Mans, France (**) late sowing impacted the figures

Farming data of hemp varieties

	CBD	THC	Type	Purpose	Vegetative cycle/days for		Mature plant height	Yield of seeds	Oil content in seeds	TSW (1000 seeds weight)	Fibre content (stem)	Biomass yield
Variety	%	%			fibre	flower/seed	metres	tons/ha	%	g	%	tons/ha
 HUNGARIAN VARIETY												
Kompolti	1 - 6,5	< 0,2	dioecious	flowers, fibre	120	148 - 155	2,5 - 3,3	0,5 - 0,8	24 - 26	19 - 21	27 - 30	12 - 15
Tiborszálási	1 - 3	< 0,2	dioecious	flowers, fiber	110	138 - 145	2,5 - 3,5	0,5 - 0,8	26 - 28	19 - 22	25 - 28	12 - 15
 POLISH VARIETY – Market restriction for Poland, Lithuania, Latvia, Estonia, UK, Northern Ireland, Ireland and USA												
Bialobrzeskie	1 - 2	< 0,2	monoecious	seeds, fibre	110	140 - 145	2,5 - 3,5	0,5 - 0,8	30 - 31	15 - 17	30	8 - 10
Henola	0,5 - 1	< 0,2	monoecious	seeds	n/a	115 - 120	1,7 - 2	1,5 - 2,1	30 - 31	15 - 17	10	6 - 8
Tygra	1 - 1,5	< 0,2	monoecious	seeds, fibre	105	135 - 140	2,5 - 3	0,9 - 1,5	28 - 30	15 - 17	30	10 - 12
 ROMANIAN VARIETY												
Dacia Secuieni	< 0,5	< 0,02	monoecious	seeds, fibre	115 - 120	145 - 160	1,8 - 4,5	0,8 - 1,2	31 - 33	16 - 18	18 - 25	10 - 12
Secuieni Jubileu	< 0,5	< 0,02	monoecious	seeds	90 - 110	120 - 125	1,5 - 2	1 - 2	30 - 32	16 - 18	26 - 30	6 - 8
Zenit	< 0,5	< 0,02	monoecious	seeds	90 - 110	120 - 125	2 - 2,5	1 - 1,2	30 - 32	20 - 22	26 - 30	8 - 10

Before you decide, here are some suggestions ...

Questions to ask before planting

The following 3 rules that may help you:

1. Be sure the varieties will grow in the region, connect with other growers or networks to find out what will work.
2. If hemp is new to the region, start small, select several varieties and conduct trials. Start small.
3. If the operation is new to farming hemp, keep in mind that to manage all the processes from field to final product could (and probably will) cost a lot of time and money.

Buy the right amount of hemp seeds based on the purpose of your grow

We recommend:

- 25-35 kg/ ha for grain production
- 45 kg/ha for dual-crop grain and fibre production
- 40-60 kg/ha for fibre production





CONNECTING
THE DOTS

EU REGISTERED
VARIETIES



Hemp seed price list

Variety	*1 kg repack	*5 kg repack	20 - 100 kg	101 - 250 kg	251 - 500 kg	501 - 1.000 kg	1.001 - 2.500 kg	2.501 - 5.000 kg	5.001 + kg
ITALIAN VARIETY									
Carmagnola	€ 70,00	€ 200,00	€ 20,00	€ 18,00					
ElettaCampana	€ 70,00	€ 200,00	€ 20,00						
Fibranova	€ 70,00	€ 200,00	€ 20,00	€ 18,00					
FINNISH VARIETY – Market restriction – available only for EU market									
Finola			€ 7,00	€ 6,60	€ 6,35	€ 6,15	€ 6,10	€ 6,00	€ 5,90
FRENCH VARIETY									
NEW Djumbo 20	€ 60,00	€ 120,00	€ 10,70	€ 10,50	€ 10,30	€ 10,20	€ 10,10	€ 10,00	
Earlina 8FC	€ 50,00	€ 100,00	€ 8,90	€ 8,50	€ 8,25	€ 8,00	€ 7,95	€ 7,85	€ 7,75
Fédora 17	€ 50,00	€ 100,00	€ 7,90	€ 7,50	€ 7,25	€ 7,00	€ 6,95	€ 6,85	€ 6,75
Félina 32	€ 50,00	€ 100,00	€ 7,90	€ 7,50	€ 7,25	€ 7,00	€ 6,95	€ 6,85	€ 6,75
Férimon	€ 50,00	€ 100,00	€ 7,90	€ 7,50	€ 7,25	€ 7,00	€ 6,95	€ 6,85	€ 6,75
Fibror 79	€ 50,00	€ 100,00	€ 7,90	€ 7,50	€ 7,25	€ 7,00	€ 6,95	€ 6,85	€ 6,75
Futura 83	€ 50,00	€ 100,00	€ 7,90	€ 7,50	€ 7,25	€ 7,00	€ 6,95	€ 6,85	€ 6,75



LISTED PRICES ARE EXCLUDED OF VAT

Hemp seed price list

Variety	*1 kg repack	*5 kg repack	20 - 100 kg	101 - 250 kg	251 - 500 kg	501 - 1.000 kg	1.001 - 2.500 kg	2.501 - 5.000 kg	5.001 + kg
 FRENCH VARIETY									
NEW Mona 16	€ 60,00	€ 120,00	€ 10,70	€ 10,50	€ 10,30	€ 10,20	€ 10,10	€ 10,00	
NEW Muka 76	€ 60,00	€ 120,00	€ 10,70	€ 10,50	€ 10,30	€ 10,20	€ 10,10	€ 10,00	
NEW Nashinoïde 15			€ 10,70	€ 10,50	€ 10,30	€ 10,20	€ 10,10	€ 10,00	
NEW Orion 33			€ 10,70	€ 10,50	€ 10,30	€ 10,20	€ 10,10	€ 10,00	
NEW Ostara 9			€ 10,70	€ 10,50	€ 10,30	€ 10,20	€ 10,10	€ 10,00	
Santhica 70	€ 50,00	€ 100,00	€ 8,90	€ 8,50	€ 8,25	€ 8,00	€ 7,95	€ 7,85	€ 7,75
USO 31	€ 50,00	€ 100,00	€ 6,75	€ 6,50	€ 6,25	€ 6,05	€ 6,00	€ 5,90	€ 5,80
BIO USO 31 BIO			€ 9,10	€ 8,70	€ 8,50	€ 8,35	€ 8,20	€ 7,90	€ 7,60
 HUNGARIAN VARIETY									
Kompolti	€ 60,00	€ 170,00	€ 18,00	€ 17,00	€ 16,00				
Tiborszálási	€ 60,00	€ 170,00	€ 18,00						

LISTED PRICES ARE EXCLUDED OF VAT

Hemp seed price list

Variety	*1 kg repack	*5 kg repack	20 - 100 kg	101 - 250 kg	251 - 500 kg	501 - 1.000 kg	1.001 - 2.500 kg	2.501 - 5.000 kg	5.001 + kg
 POLISH VARIETY – Market restriction for Poland, Lithuania, Latvia, Estonia, UK, Northern Ireland, Ireland and USA									
Białobrzeskie			€ 6,80	€ 6,45	€ 6,24	€ 5,90	€ 5,70	€ 5,60	€ 5,50
Henola			€ 8,85	€ 8,50	€ 8,25	€ 8,00	€ 7,85	€ 7,75	€ 7,65
Tygra			€ 10,75	€ 10,35	€ 10,00	€ 9,60	€ 9,40		
 ROMANIAN VARIETY									
Dacia Secuieni	€ 60,00	€ 170,00	€ 18,00	€ 17,00	€ 16,00				
Secuieni Jubileu	€ 70,00	€ 200,00	€ 20,00	€ 18,00	€ 17,00				
Zenit	€ 70,00	€ 200,00	€ 20,00	€ 18,00	€ 17,00				

LISTED PRICES ARE EXCLUDED OF VAT



Seeds packing

1 and 5 kg repacks
We do use paper bags

Original packaging
French seeds - 25 kg
in 3 layers paper bag

Italian seeds
20 kg in 3 layers paper
bag

Hungarian seeds
15 kg in polypropylen
woven bags

Polish seeds
20 kg in polypropylen
woven bags



Order Cultivate Expand



Selling conditions

Hemp seed distribution in Europe is highly regulated by national government agencies. For this reason any reproduction by multiplication of the certified commercial seed sold by HEMPOINT is strictly prohibited. If you are interested in breeding or multiplication, inquire with us.

Reselling of hemp seeds sold by HEMPOINT is prohibited without a valid hemp seed distributor license. If you are planning for that, we require and, respectfully request, to review your valid hemp seed distribution license.

Before placing the order please check your local conditions to grow and import hemp seeds to your country.

<https://hempoint.cz/seeds>



or scan QR code

Consulting for farmers

We are happy to share our 20+ years of experience with our clients to make their cultivation successful.

We can help with questions about:

- selection of varieties according to purpose, sowing time and growing conditions
- soil quality and plant nutrition
- soil preparation and seeding density
- harvesting mechanization and post-harvest processing
- drying, cleaning and storage of seeds
- retting, baling and storage of hemp straw



Not sure what to order?

**Contact us today to schedule
your free 15 minutes
of consulting!**



We want to be your partner

**Because our 20+years of experience
in the hemp sector gives us an
advantage of understanding hemp
from A to Z.**

**With every seeds order we will
provide farming guide with agronomy
recommendations and best practise
for cultivation and handling hemp
after harvest.**

HEMPPOINT

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6 Evidence-Based Benefits of Hemp Planting

Hemp crop is not only great for its versatile applications in different industries, it also provides valuable environmental benefits

1.



Hemp regenerates and improves the quality of the soils

Hemp is a fast-growing crop. Its leaves can fully cover the ground in three weeks post-germination. This efficiently eliminates weeds, leaving the soil in optimum condition. The dense leaves rapidly form a natural soil cover material that reduces water loss. Strong hemp tap roots can protect against soil erosion and improve soil structure. Hemp can be used with great efficiency in land reclamation because of its phyto-remediation capability.

2.



Hemp promotes sustainable farming

A hemp crop can provide up to 10 tons of plant matter per hectare in four months which can be used for: food, construction, textiles and paper replacements. Due to a lack of natural predator insects, insecticides can be avoided as hemp is susceptible to few serious pests and can be cultivated without, or with, very little need for chemical treatments, such as herbicides. Hemp works very efficiently with organic fertilisers such as manure or slurry, and does not need industrial fertilisers. For this reason hemp is great for organic or regenerative farming rotations.

3.



Hemp enhances biodiversity

The flowering cycle usually occurs between July and September, coinciding with a lack of pollen production from other farm crops. Being a wind pollinated, dioecious and staminate plant, hemp produces large amounts of pollen, a vital nutritional source for bees and other pollinators during periods of floral scarcity.

6 Evidence-Based Benefits of Hemp Planting

4.



Hemp helps reduce deforestation

Hemp is a sustainable source of cellulose for paper making that can help in reducing deforestation. Mature hemp stalks are rich in cellulose: they contain around 65-70% cellulose (wood contains around 40%, flax 65-75% and cotton up to 90%), and they only take 5 months to mature. This high cellulose content coupled with the fast growth of hemp stalks – only a few months, compared to years for forest wood – in an industrial setting typically yields a pulp production up to 4 times that of a mature tree plantation, on a hectare basis. Furthermore, hemp paper can be recycled 7-8 times, compared with only 3-5 times for wood pulp paper!

5.



Hemp captures carbon

If used as an alternative to carbon-based raw materials, hemp would allow us to capture and store a substantial amount of CO₂. Through photosynthesis, hemp plants have the ability to store considerable amounts of carbon in both the stems and the roots. Hemp grows rapidly (4 to 5 months), is tall (up to 5 meters) and deep rooted into the ground (up to 3 meters), making it the perfect crop for storing carbon.

6.



Hemp saves water

Studies have shown that hemp is more ecologically neutral than other fibres crops, particularly in water usage. As an example, cotton requires 9,758 kg of water per kg while hemp needs between 2,401 and 3,401 kg of water per kg. This represents a 75% water saving.

Source: <https://eiha.org/environmental-benefits/>

How much carbon can be stored?

One tonne of harvested hemp stem contains 0.7 tonnes of cellulose (45% carbon), 0.22 tonnes of hemicellulose (48% carbon) and 0.06 tonnes of lignin (40% carbon). Consequently, every tonne of industrial hemp stems contains 0.445 tonnes carbon absorbed from the atmosphere (44.46% of stem dry weight). Converting carbon to CO₂ (12 t of C equals 44 t of CO₂), this represents 1.6 tonnes of CO₂ absorption per tonne of hemp. On a land use basis, using a yield average of 5.5 to 8 t/ha, this represents 9 to 13 tonnes of CO₂ absorption potential per hectare harvested.



Hempoint company is one of the founding members for Czechemp cluster, the NGO working as serving organization for restoring the hemp sector in Czech Republic and harmonisation of regulatory framework and establishment into bioeconomy who become proud member of EIHA in September 2022.



The European Industrial Hemp Association (EIHA) promotes the development on the EU territory of local, yet globally connected value chains, capable of delivering the multiple ecosystem services that hemp has to offer.



We wish you a
successful
planting season
2024

