



Hemp Harvest Works

2022 SEED CATALOG



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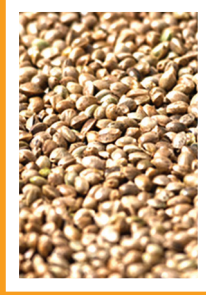


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SEED OR MIXED ORIENTATED VARIETIES



USO 31

FÉRIMON

FÉDORA 17

FÉLINA 32

ORION 33

Straw production potential	■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□
Fiber production potential	■■■■■■□□□□□□	■■■■■■■■□□□□□□	■■■■■■■■□□□□□□	■■■■■■■■□□□□□□	■■■■■■■■□□□□□□
Seed production potential	■■■■■■□□□□□□	■■■■■■■■□□□□□□	■■■■■■■■□□□□□□	■■■■■■■■□□□□□□	■■■■■■■■□□□□□□
Fiber content	■■■■■■■■■□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□
Lateness	■■□□□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□
TKW	■■■■■■■■□□□□	■■■■■■■■□□□□	■■■■■■■■□□□□	■■■■■■■■□□□□	■■■■■■■■□□□□
THC level	< 0.2%	< 0.2%	< 0.2%	< 0.2%	< 0.2%
CBD level	■■□□□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□
Resistance to lodging	■■■■□□□□□□	■■■■□□□□□□	■■■■□□□□□□	■■■■□□□□□□	■■■■□□□□□□
Tolerance to broomrape	■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□	■■■■■■□□□□□□

USO 31 MONOECIOUS

USO 31 is the perfect compromise between an early seed harvest and a crop with high fiber content. In the northern most United States and Canada, it is one of the only solutions for planning a seed harvest in optimal weather conditions.



EARLINESS: EARLY-FLOWERING
MAIN USE: SEED OR MIXED
GROWTH CYCLE: 122 - 127 DAYS



SEED COMPOSITION

OIL CONTENT 31.3% **OMEGA 6 CONTENT:** 57.7%
OMEGA 3 CONTENT: 15.7%
OTHER: 26.6%

PROTEIN CONTENT

23.8%

MAIN INDUSTRIES OF APPLICATION

- SEEDS MARKETS:** food, fishing, poultry, cosmetics
- FIBER MARKETS:** plastic processes, insulation, textile
- SHIVE MARKETS:** construction, mulching, bedding

FÉRIMON

MONOECIOUS

Recommended preferably in southern Canada and most of the U.S. where it best expresses its characteristics, FÉRIMON is the ideal variety combining earliness, high seed yield and good fiber content.



EARLINESS: EARLY-FLOWERING
MAIN USE: SEED OR MIXED
GROWTH CYCLE: 129 - 134 DAYS



MAIN INDUSTRIES OF APPLICATION

- SEEDS MARKETS:** food, fishing, poultry, cosmetics
- FIBER MARKETS:** plastic processes, insulation, textile
- SHIVE MARKETS:** construction, mulching, bedding

SEED COMPOSITION

OIL CONTENT	OMEGA 6 CONTENT: 60.5%
32.5%	OMEGA 3 CONTENT: 15.1%
	OTHER: 24.4%

PROTEIN CONTENT

24.5%

FÉDORA 17

MONOECIOUS

FÉDORA 17 delivers impressive seed yields while offering the benefit of straw production. It is an excellent choice for growers looking for harvests with minimum risks linked to fibers and seeds with considerable CBD levels.



EARLINESS: EARLY-FLOWERING
MAIN USE: SEED OR MIXED
GROWTH CYCLE: 129 - 134 DAYS



MAIN INDUSTRIES OF APPLICATION

- SEEDS MARKETS:** food, fishing, poultry, cosmetics
- FIBER MARKETS:** plastic processes, insulation, textile
- SHIVE MARKETS:** construction, mulching, bedding

SEED COMPOSITION

OIL CONTENT	OMEGA 6 CONTENT: 60.5%
31.9%	OMEGA 3 CONTENT: 14.5%
	OTHER: 25.0%

PROTEIN CONTENT

23.9%

FÉLINA 32

MONOECIOUS

Attractive for its CBD level and comparable to Fédera 17, FÉLINA 32 can be grown at lower latitudes where it guarantees the two-fold objective of optimum seed and straw production.



EARLINESS: MID-FLOWERING
MAIN USE: SEED OR MIXED
GROWTH CYCLE: 133 - 138 DAYS



SEED COMPOSITION

OIL CONTENT 33.6% | **OMEGA 6 CONTENT:** 59.9%
OMEGA 3 CONTENT: 15.3%
OTHER: 24.8%

PROTEIN CONTENT

24.7%

MAIN INDUSTRIES OF APPLICATION

SEEDS MARKETS: food, fishing, poultry, cosmetics

FIBER MARKETS: plastic processes, insulation, textile

SHIVE MARKETS: construction, mulching, bedding

ORION 33

MONOECIOUS

ORION 33 is the new broomrape-tolerant variety. It can be grown in areas with low infestation without drops in yields, all while slowing the development of the parasite.



EARLINESS: MID-FLOWERING
MAIN USE: SEED OR MIXED
GROWTH CYCLE: 138 - 143 DAYS



SEED COMPOSITION

OIL CONTENT 29.5% | **OMEGA 6 CONTENT:** 58.1%
OMEGA 3 CONTENT: 16.2%
OTHER: 25.7%

PROTEIN CONTENT

25.1%

MAIN INDUSTRIES OF APPLICATION

SEEDS MARKETS: food, fishing, poultry, cosmetics

FIBER MARKETS: plastic processes, insulation, textile

SHIVE MARKETS: construction, mulching, bedding

STRAW ORIENTATED VARIETIES



FUTURA 75

FUTURA 83

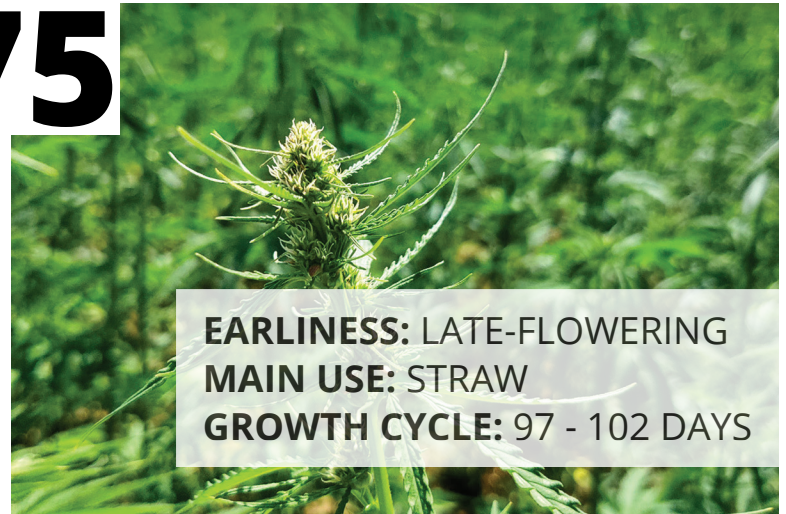
DIOICA 88

Straw production potential	■■■■■■■■■□	■■■■■■■■■□	■■■■■■■■■■
Fiber production potential	■■■■■■■■■□	■■■■■■■■■■	■■■■■■■■■■
Seed production potential	□□□□□□□□	□□□□□□□□	□□□□□□□□
Fiber content	■■■■■■■□□□	■■■■■■■□□□	■■■■■■■□□
Lateness	■■■■■■■□□	■■■■■■■■■□	■■■■■■■■■■
TKW	■■■■■■■□□□	■■■■■■■■■□□	■■■■■■■■■■
THC level	< 0.2%	< 0.2%	< 0.2%
CBD level	■■■■■□□□□	■■■■■□□□□	■■■■■□□□□
Resistance to lodging	■■■□□□□□	■■■□□□□□	■■■□□□□□
Tolerance to broomrape	■■■■■■■□□	■■■■■■■□□	■■■■■■■□□

FUTURA 75

MONOECIOUS

As the only variety enabling the producer to confidently foresee a dual income from straw and seeds, **FUTURA 75** is also attractive for its CBD yield (content and biomass).



EARLINESS: LATE-FLOWERING
MAIN USE: STRAW
GROWTH CYCLE: 97 - 102 DAYS



HIGH STRAW YIELD



MAIN INDUSTRIES OF APPLICATION

FIBER MARKETS: plastic processes, insulation, textile
SHIVE MARKETS: construction, mulching, bedding

FUTURA 83

MONOECIOUS

Thanks to its late-flowering cycle, FUTURA 83 is ideal for biomass production in Southern Europe or at more exotic latitudes.



EARLINESS: LATE-FLOWERING
MAIN USE: STRAW
GROWTH CYCLE: 112 - 117 DAYS



IDEAL FOR BIOMASS PRODUCTION



MAIN INDUSTRIES OF APPLICATION

FIBER MARKETS: stationary, plastic processes, insulation
SHIVE MARKETS: construction, mulching, bedding

DIOÏCA 88

DIOÏC

DIOÏCA 88 is a dioïc variety exclusively bred for straw production and/or for CBD purposes.



EARLINESS: VERY LATE
MAIN USE: STRAW
GROWTH CYCLE: 120 - 125 DAYS



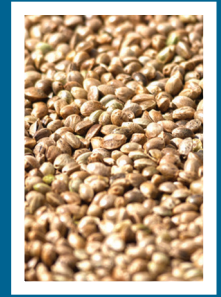
STRAW PRODUCTION OR CBD PROJECTS



MAIN INDUSTRIES OF APPLICATION

FIBER MARKETS: plastic processes, insulation, textile
SHIVE MARKETS: construction, mulching, bedding

FIBER OR SEED ORIENTATED VARIETIES



SANTHICA 27

SANTHICA 70

MUKA 76

FIBROR 79

EARLINA 08

Straw production potential	■■■■■■■■□□□□	■■■■■■■■■■□□	■■■■■■■■■■□□	■■■■■■■■■■■□□	■■□□□□□□□□
Fiber production potential	■■■■■■■■■■□□	■■■■■■■■■■□□	■■■■■■■■■■■■■	■■■■■■■■■■□□	■■□□□□□□□□
Seed production potential	□□□□□□□□□□	□□□□□□□□□□	□□□□□□□□□□	□□□□□□□□□□	■■■■■■■■■■■■■
Fiber content	■■■■■■■■■■□□	■■■■■■■■■■□□	■■■■■■■■■■□□	■■■■■■■■■■□□	■■■■■■■■■■□□□□
Lateness	■■■■□□□□□□	■■■■■■■■■■□□	■■■■■■■■■■□□	■■■■■■■■■■□□	■■□□□□□□□□
TKW	■■■■□□□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□	■■□□□□□□□□
THC level	-	-	< 0.2%	< 0.2%	< 0.2%
CBD level	□□□□□□□□□□	■□□□□□□□□□		■■■■□□□□□□□□	■■■■■■■■■■□□□□
Resistance to lodging	■■■■□□□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■□□□□□□□□
Tolerance to broomrape	■■■■■■■■■■□□	■■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■■■■■■■■■□□□□	■■■■□□□□□□□□

SANTHICA 27

MONOECIOUS

Recommended preferably for the northern United States and Canada, **SANTHICA 27** is exclusively dedicated to fiber yields.

GERMINATION CAPACITY: 84.4%



EARLINESS: MID-FLOWERING
MAIN USE: FIBER
GROWTH CYCLE: 90 - 95 DAYS

EXCLUSIVELY FOR HIGH FIBER YIELDS AND THC-FREE



MAIN INDUSTRIES OF APPLICATION

FIBER MARKETS: plastic processes, insulation, textile
SHIVE MARKETS: construction, mulching, bedding

SANTHICA 70

MONOECIOUS

With a larger geographical zone than Santhica 27 and usable throughout the Midwest of the United States, **SANTHICA 70** is solely dedicated to fiber yield.

GERMINATION CAPACITY: 89.6%



EARLINESS: LATE-FLOWERING
MAIN USE: FIBER
GROWTH CYCLE: 97 - 102 DAYS

**EXCLUSIVELY FOR
HIGH FIBER YIELDS
AND THC-FREE**



MAIN INDUSTRIES OF APPLICATION

FIBER MARKETS: plastic processes, insulation, textile

SHIVE MARKETS: construction, mulching, bedding

MUKA 76

MONOECIOUS

With a larger geographical zone than Santhica 70, the **MUKA 76** variety is dedicated to fiber yield.

GERMINATION CAPACITY: 83.0%



EARLINESS: LATE-FLOWERING
MAIN USE: FIBER
GROWTH CYCLE: 102 - 108 DAYS

**EXCLUSIVELY FOR
HIGH FIBER
YIELDS**



MAIN INDUSTRIES OF APPLICATION

FIBER MARKETS: plastic processes, insulation, textile

SHIVE MARKETS: construction, mulching, bedding

FIBROR 79

MONOECIOUS

FIBROR 79 is a yellow-colored variety exclusively bred for yields in fiber. Its key attribute lies in its capacity to reduce straw processing costs. It can be grown in any geographical situation.

GERMINATION CAPACITY: 85.9%



EARLINESS: LATE-FLOWERING
MAIN USE: FIBER
GROWTH CYCLE: 101 - 106 DAYS

**EXCLUSIVELY FOR
HIGH FIBER YIELDS
& EASY DEFIBRATION**



MAIN INDUSTRIES OF APPLICATION

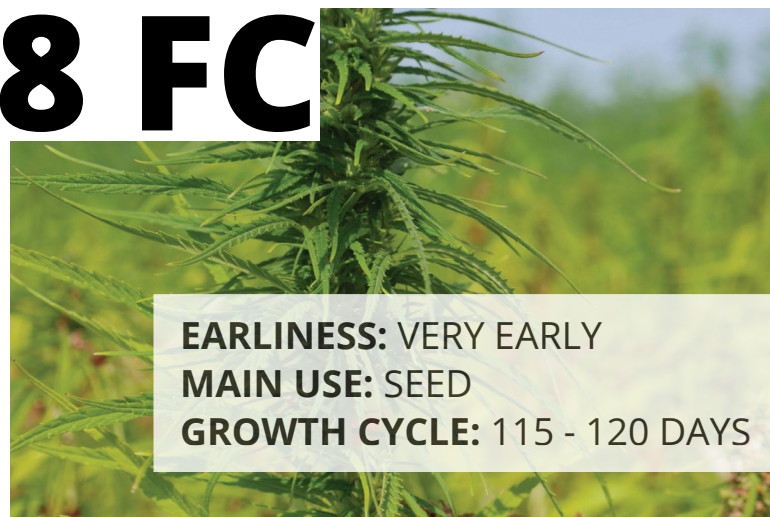
FIBER MARKETS: plastic processes, insulation, textile
SHIVE MARKETS: construction, mulching, bedding

EARLINA 8 FC

MONOECIOUS

EARLINA 8 FC is the obly variety exclusively bred for seed production in geographical situations in Northern Europe. Its very short growing cycle is perfectly adapted to late-spring and early-autumn weather conditions.

GERMINATION CAPACITY: 94.0%



EARLINESS: VERY EARLY
MAIN USE: SEED
GROWTH CYCLE: 115 - 120 DAYS



SEED COMPOSITION

OIL CONTENT 32.5% **OMEGA 6 CONTENT:** 57.7%
OMEGA 3 CONTENT: 16.8%
OTHER: 25.5%

PROTEIN CONTENT

25.9%

MAIN INDUSTRIES OF APPLICATION

SEED MARKETS: food, fishing, poultry, cosmetics

GRAIN AND FIBER ORIENTATED VARIETIES



HLESIA

HLIANA

Grain Yield	900 - 1600 LBS/ACRE	800 - 1200 LBS/ACRE
Straw Yield	6000 - 9000 LBS/ACRE	7000 - 10000 LBS/ACRE
Fiber Content	28 - 30%	30 - 32%
THC	< 0.005%	< 0.007%
Moisture	< 11%	< 11%

HLESIA MONOECIOUS

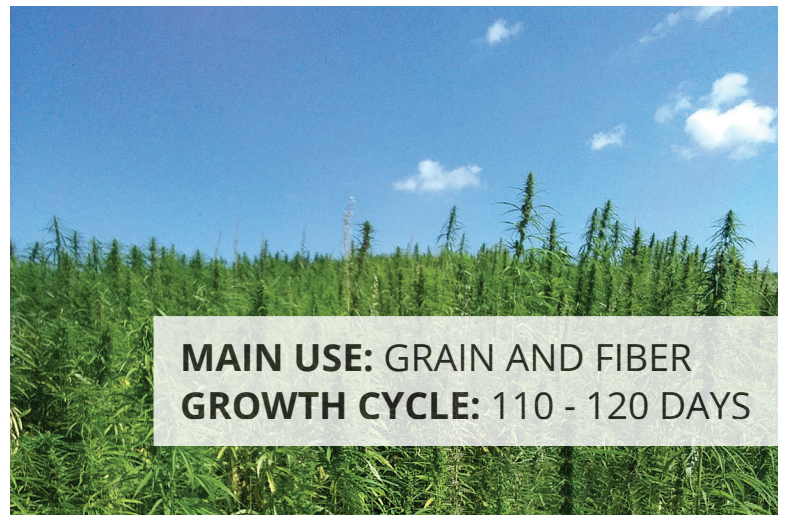
This grain or dual-purpose variety grows to a height in the 7 - 10 foot range and has been used in field trials in Wisconsin, Kansas, and more.

GERMINATION CAPACITY: > 80%



FIBER QUALITY INDICATORS:

BURST LOAD: 32 - 40 daN
LINEAR DENSITY: 32 - 42 tex
NUMBER: 6.0 - 6.5



MAIN USE: GRAIN AND FIBER
GROWTH CYCLE: 110 - 120 DAYS

SEED COMPOSITION

OIL CONTENT | **PROTEIN CONTENT**
> 31% | **> 32%**

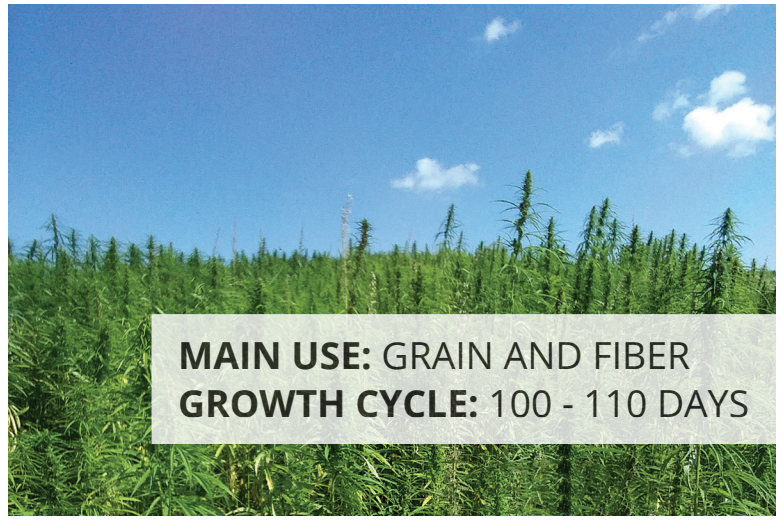
HLIANA

MONOECIOUS

This grain or dual-purpose variety grows to a height in the 8 -12 foot range and has been used in field trials in Wisconsin, Kansas, and more.



GERMINATION CAPACITY: > 80%



MAIN USE: GRAIN AND FIBER
GROWTH CYCLE: 100 - 110 DAYS

SEED COMPOSITION

OIL CONTENT

> 31%

PROTEIN CONTENT

> 32%



FIBER QUALITY INDICATORS:

BURST LOAD: 30 - 38 daN

LINEAR DENSITY: 30 - 35 tex

NUMBER: 7.0 - 7.5



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