



Cornell Hemp

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2021 Fiber and Dual-Purpose Strip Trials

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Cultivar	Source	Germ %	TSW* (g)	Field	Planting Date	Stand (per ft ²)	Height 7/29 (m)	Flowering Date
Bama	Bazelet Health	88%	31.1	CN013	6/11	15.17	1.60	-
Puma	Bazelet Health	77%	28.1	CN013	6/11	16.41	1.51	-
Yuma	Bazelet Health	73%	35.7	CN014	6/11	19.14	1.47	-
Hlesia	Fiacre Seeds	75%	19.6	RN039/044	6/17	10.78	0.80	7/21
Hliana	Fiacre Seeds	81%	18.9	RN041	6/17	7.00	1.15	7/21
H-51	Fiacre Seeds	74%	18.1	RN039/044	6/17	9.72	0.97	7/21
Bialobrzeskie	Int'l Hemp	87%	12.9	RN041	6/17	8.30	1.02	7/21
Jinma	Panda Biotech	-	25.0	CN014	6/11	9.29	0.83	-
Carmagnola	Schiavi Seed	67%	17.9	RN039/044	6/17	12.63	0.94	7/27
Carm. Selez.	Schiavi Seed	82%	22.5	RN039/044	6/17	10.71	0.97	7/27
Eletta Campana	Schiavi Seed	47%	19.6	CN014	6/25	7.49	0.15	-
Fibranova	Schiavi Seed	41%	18.4	CN014	6/25	5.01	0.11	-
Helena	Schiavi Seed	77%	14.4	RN039/044	6/17	10.28	0.92	7/21
Tygra	Schiavi Seed	73%	14.1	RN039/044	6/17	7.68	1.06	7/21
Wojko	Schiavi Seed	55%	15.2	RN039/044	6/17	3.96	0.84	7/21
Anka	UNISeeds Inc.	86%	16.5	RN026	6/25	9.13	0.19	7/27
Felina 32	UNISeeds, Inc.	71%	16.4	RN041	6/17	4.40	1.09	7/21
USO-31	UNISeeds, Inc.	69%	16.7	RN039/044	6/17	8.05	0.90	7/21

*Thousand seed weight

- The main objective of the trial is to obtain retted straw for product development, as well as to compare harvested fiber quality among cultivars.
- Twelve of the 18 cultivars in the 2021 Fiber and Dual-Purpose strip trials have initiated terminal flowering 4 to 5 weeks after planting.
- The stand count of some cultivars was lower than the target of 20 plants per square foot, mainly due to excessive rainfall shortly after planting.
- Cannabinoid-free cultivars have shown high incidence of herbivory by Japanese beetles.





RN39-44 4.3 ac	USO-31
	H-51
	Hlessia
	Helena
	Tygra
	Wojko
	Carmagnola
	Carmagnola Selezionata

RN26 0.39 ac	Anka
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RN41 1.4 ac	Hiiana
	Balobreskie
	Felina

CN14 0.6 ac	Anka
	Fibranova
	Eletta Campana
	Yuma
	Jirna

CN13 0.9 ac	Bama
	Puma