



Hemp Seed Procurement

Section 1200.20 (e): “All seeds, clones, transplants, and propagules used to cultivate Industrial Hemp in Illinois shall be certified pursuant to the Association of Official Seed Certifying Agencies (AOSCA) standards and guidelines for Industrial Hemp or shall be **accompanied by a certificate of analysis from an accredited certified laboratory from a state with a regulated industrial hemp program that certifies the industrial hemp grown will not contain in excess of 0.3 percent THC.**”

Example Certificate of Analysis:

Potency Analysis			
Analytical Method: De Backer, Journal of Chromatography b.2009.11.004 - SOP 19 & 20			
Cannabinoids (% weight)		Moisture Adjusted	Notes
THCA	0.198	0.184	
delta 9-THC	< LOQ	< LOQ	
delta 8-THC	< LOQ	< LOQ	
CBGA	0.121	0.132	
CBDA	15.62	15.54	
CBD	0.211	0.250	
CBN	< LOQ	< LOQ	
CBG	< LOQ	< LOQ	
CBC	< LOQ	< LOQ	

Total THC
0.184 %

Total CBD
15.54 %

Hemp Seeds 101

- Three (3) main varieties: fiber, grain, and CBD
- Only female hemp plants will produce flowers with high contents of CBD
- Approx. 25,000-27,000 seeds per pound

Regular Seeds vs. Feminized Seeds

- Fiber and grain varieties will be regular seeds - both male and female plants
- CBD varieties may be “feminized”, meaning less likelihood of having male plants
- Feminized seeds are generally more expensive

How Many Seeds Per Acre?

- Grain - approx. 400,000 hemp plants per acre or 25-35 pounds of seed per acre, accounting for 70-80 percent germination rate
- Fiber- approx. 800,000 hemp plants per acre or about 45-55 pounds of seed per acre
- CBD - 1,500-3,000 hemp plants per acre, depending on variety and spacing

Estimated Costs

- Grain/Fiber - less than \$10 per pound depending on variety and order quantity
- CBD - approx. \$0.30-\$5 per seed or \$3,500-\$20,000 per pound depending on variety, order quantity, and regular or feminized seed



Hemp Seed Procurement

List of potential hemp seed suppliers

Name	State	Website	Contact Info	Feminized Available?	Type
American Hemp Research	IL	americanhempresearch.com	contact@americanhempresearch.com	No	CBD
Bija Hemp	CO	bijahemp.com	info@bijahemp.com	No	Grain, Fiber
Blue Forest Farms	CO	blueforestfarms.com	info@blueforestfarms.com	Yes	CBD
Bulk Hemp Warehouse	CA	bulkhempwarehouse.com	support@bulkhempwarehouse.com	No	Grain, Fiber
Cannetics	SC	cannetics.co	info@cannetics.co	Yes	CBD
Cheyenne Mountain Seed	CO	cheyennemountainseedcompany.com	Reed Mason 719-217-0207	Yes	CBD
Colorado CBD Seed	CO	coloradocbdseed.com	info@coloradocbdseed.com	Yes	CBD
Colorado Hemp Project	CO	coloradohempproject.com	willbillings@gmail.com	No	CBD
Fiacre Enterprises	VA	fiacre-enterprises.com	michael.timko@fiacreenterprises.com	No	Grain, Fiber
Front Range Biosciences	CO	frontrangebio.com	Contact through website	Yes	CBD
Green Lynx Farms	CO	greenlynxfarms.com	info@greenlynxfarms.com	Yes	CBD
Hemp Genetics International	Canada	hempgenetics.com	headoffice@hempgenetics.com	No	Grain
Hemp Logic	WA	hemplogic.com	kim@hemplogic.com	Yes	Grain, Fiber, CBD
Hemp Seed Barn	CO	hempseedbarn.com	info@hempconsultantgroup.com	Yes	CBD
Hempyre Genetics	OK	hempyregenetics.com	korbin@hempyregenetics.com	No	CBD, Fiber
HGH Seeds	CO	hghseed.com	bodhi.urban@gmail.com	Yes	CBD
IHemp Farms	Bulgaria	ihempfarms.com	info@ihempfarms.com	No	Grain, Fiber, CBD

ILLINOIS INDUSTRIAL HEMP PROGRAM FAQ



Industrial Hemp Farms	CO	industrialhempfarms.com	sales@industrialhempfarms.com	Yes	CBD
Key To Life	CO	keytolifegarden.com	kelly@ktlgarden.com	Yes	CBD
Legacy Hemp	WI	legacyhemp.com	ken@legacyhemp.com	No	Grain, Fiber
Madison Hemp & Flax Co 1806	KY	madisonhemp1806@gmail.com	Mike Hickey 270-692-8646	Yes	CBD
Midwest Hemp Supply	IL	midwesthempsupply.com	info@midwesthempsupply.com	Yes	CBD
Old Country Hemp Co	NC	oldcountryhempco.com	thomas@oldcountryhempco.com	Yes	CBD
Oregon Biomass	OR	oregonbiomass.com	brandon@oregonbiomass.com	Yes	CBD
Oregon CBD	OR	oregoncbdseeds.com	seth@jackhempicine.com	Yes	CBD
Schiavi Seeds	KY	schiaviseeds.com	info@schiaviseeds.com	No	Grain, Fiber, CBD
Southern Virginia Hemp	VA	southernvirginiahempco.com	Contact through website	Yes	CBD
Stand Fast Farms	WI	standfastseeds.com	benjamin@standfastfarms.com	Yes	CBD
Tennessee Grown	TN	tngrown.com	Contact through website	Yes	CBD
Tesoro Genetics	CO	tesorogenetics.com	jj@tesorogenetics.com	Yes	CBD
Vermont Natural CBD	VT	vermontnaturalcbd.com	info@vermontnaturalcbd.com	No	CBD

Other resources:

Industrial Hemp Seed and Transplant Sources Licensed to Sell in Wisconsin - https://datcp.wi.gov/Pages/Programs_Services/IHLicensedSeedSources.aspx

Colorado Department of Agriculture approved seed - <https://www.colorado.gov/pacific/agplants/cda-approved-certified-seed>

Kentucky summary of varieties - http://www.kyagr.com/marketing/documents/HEMP_LH_Summary_of_Varieties_List_2019.pdf