



Wisconsin's

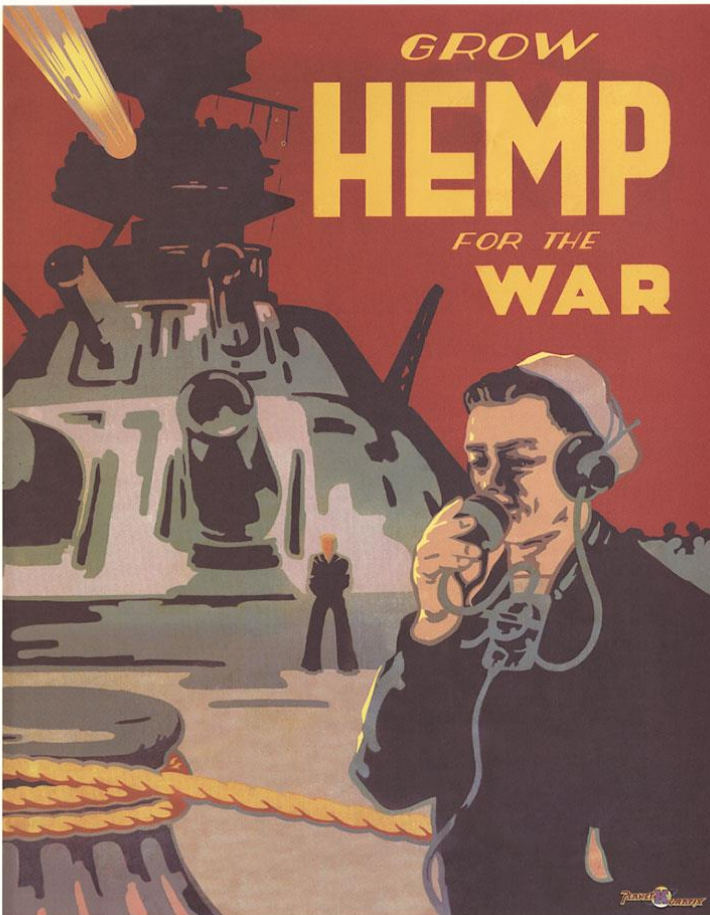
INDUSTRIAL HEMP

Research Pilot Program

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WI'S INDUSTRIAL HEMP PAST & FUTURE



- **1920-1930's:** Wisconsin and Kentucky were the nation's leading industrial hemp producers
- **World War II:** Wisconsin top hemp producer
- **1970:** Industrial Hemp was included in the Controlled Substances Act. Illegal to grow or possess, but feral hemp common in WI.
- **2018** – Research pilot program begins
- **2019--** Hemp legalization in Farm Bill



MODERN DAY USES FOR HEMP



RULES AND REGULATIONS

The only constants are change and ambiguity!



WHAT IS HEMP?

2014 Farm Bill Industrial Hemp

A plant of the genus *Cannabis* and any part of the plant, whether growing or not, containing a delta-9 tetrahydrocannabinol (THC) concentration of no more than three-tenths of one percent (0.3%) on a dry weight basis.

2018 Farm Bill Hemp

...including the seeds thereof *and all derivatives, extracts, cannabinoids, isomers, acids, salts, and salts of isomers...*

2014 Farm Bill

- Authorized industrial hemp pilot programs in state department of agricultures and institutions of higher education.



2018 FARM BILL PROVISIONS

- Legalizes interstate commerce of hemp
- Removes hemp from Controlled Substances List
- Hemp is an agricultural commodity
- Opens up insurance and banking
- State must submit hemp regulatory plan to USDA for approval

WISCONSIN LAW: 2017 ACT 100

- “...a person may plant, grow, cultivate, harvest, sample, test, process, transport, transfer, take possession of, sell, import and export industrial hemp to the greatest extent allowed under federal law.”
- Directs DATCP to write rules to regulate these activities “...to the extent required under federal law, and in a manner that allows the people of this state to have the greatest possible opportunity to engage in those activities.”



WISCONSIN'S HEMP PROGRAM

- Operating under emergency rule ATCP 22
- 1st seeds in the ground in 2018
- License growers and processors
- No limits on acreage or licenses
- Fiber, grain, seed, and CBD end uses allowed
- No retail licenses

HEMP PROGRAM STATISTICS -- 2018

2018 Licenses

- 245 Grower licenses issued
- 99 Processor licenses issued

2018 Registrations

- 185 Growers / 135 actually planted
- 82 Processors

2018 Acreage

- ~1850 total field acres planted
- ~22 total greenhouse acres planted



LICENSING AND REGISTRATION

- ****CLOSESE ON MARCH 1, 2019****
- **Apply now if want to grow or process in 2019.**
- **Online and paper application processes available**
- **Licenses may take up to 6-8 weeks to process.**

LICENSE AND REGISTRATION REQUIREMENTS

- **Individuals or Businesses**
- **Locations with GPS coordinates**
- **Fees**
- **Background check**
- **Research summary**
- **Research agreement**

FEES

	Grower	Processor
License – one-time	\$150 up to 30 acres \$5/acre from 31-199 acres \$1000 lifetime maximum	\$0
Registration -- annual	\$350	\$100
Sampling	\$250 per sample	\$0
Change in Operations Manager	\$15	\$15
License Amendment	1 st change no cost \$50 after 1 st change	\$1 st change no cost \$50 after 1 st change



EXAMPLE OF LICENSE & REGISTRATION



Wisconsin Department of Agriculture, Trade and Consumer Protection
2811 Agriculture Drive, PO Box 8911, Madison, WI 53708-8911

License Number: 4XXXXX-HG

EXAMPLE

Expires: December 31, 2018
Statute: 94.55

Industrial Hemp Grower

Legal Name:

Legally Formed Business Entity, L.L.C.
PO Box 000 Madison WI 53708-0000

License Operation Manager: John Doe
Business County: Dane County

In order to grow industrial hemp in Wisconsin, you are required to maintain, in good standing, an Industrial Hemp Grower license issued under Wis. Stat. 94.55 and Wis. Admin. Code ch. 22 and complete an Annual Registration for each growing season.

This document represents both your one-time hemp grower license as well as your annual hemp grower registration. Your one-time license does not expire, while your hemp grower registration expires on the expiration date shown above.



Wisconsin Department of Agriculture, Trade and Consumer Protection
2811 Agriculture Drive, PO Box 8911, Madison, WI 53708-8911

License Number: 4XXXXX-HP

EXAMPLE

Expires: December 31, 2018
Statute: 94.55

Industrial Hemp Processor

Legal Name:

Example of Business Group, Inc.
123 12th St NW Washington DC 20010-0000

License Operation Manager: Jane Doe
Business County: District of Columbia

In order to process industrial hemp in Wisconsin, you are required to maintain, in good standing, an Industrial Hemp Processor license issued under Wis. Stat. 94.55 and Wis. Admin. Code ch. 22 and complete an Annual Registration for each growing season.

This document represents both your one-time hemp processor license as well as your annual hemp processor registration. Your one-time license does not expire, while your hemp processor registration expires on the expiration date shown above.

KEY PROGRAM ELEMENTS

- CBD varieties must be pre-approved by DATCP.
- No growing to harvest in residences; seedlings are ok.
- Changes to grow/processing locations can be made one-time without an amendment fee.
- Planting reports due 30 days after planting or by July 1
- Final Report due by December 15

HEMP SAMPLING & TESTING

- Each field and plant variety shall be sampled and tested by DATCP.
- Each field and plant variety must test below 0.3% THC.
- One re-test per failed field or plant variety is allowed.
- Must destroy crops for any fields and plant varieties that fail.
- Fit For Commerce certificate issued for crops that pass the regulatory test.



ADD PICTURE OF FIT FOR COMMERCE CERTIFICATE

ATM-PI-589 (rev 05/18) DRAFT



State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection
Sheila E. Harsdorf, Secretary

State of Wisconsin Industrial Hemp Pilot Program Fit for Commerce Certificate *(Wis. Stat. §94.55, Wis. Admin. Code ATCP 22)*

EXAMPLE

This Industrial Hemp of variety ____ [Hemp Seed variety name] ____, for License Number ____ 123456 ____, from field ____ [Field Name] ____ has tested below 0.3% THC and is in compliance with Wis. Stat. §94.55 and Wis. Admin. Code ATCP 22 under Section 7606 of the Agriculture Act of 2014.

A copy of this certificate must accompany the industrial hemp specified above to all licensed industrial hemp processors with whom the licensed industrial hemp grower does business.

By: _____ Date: _____

Wisconsin Department of Agriculture, Trade and Consumer Protection



SAMPLING STATISTICS -- 2018

- 295 samples
- 274 passed
- 21 failed
- 4 retested – all failed*
- C4 prohibited for 2019 as a result
- Additional review of samples and sample results may result in additional changes

LABORATORY SERVICES



- Regulatory samples tested by DATCP
- Private laboratories now available in WI
- DATCP cannot recommend private labs.
- No state certification or approval of private labs at this time



SEED ACQUISITION

- **DATCP CANNOT** recommend seed sources
- **Choose a quality seed/clone from a reputable source**
- **Domestic & international seeds and clones are available**
- **Some seed sources have a DATCP seed labelers license – those are on our website. Also links to other states' hemp programs.**
- **Wisconsin Crop Improvement Association runs seed certification program in WI.**
- **C4 hemp variety is prohibited in 2019**



CONFIDENTIAL

PESTICIDES

- There are **no registered pesticides** for hemp
 - 25(b) minimum risk pesticides listed in VI are allowed.
 - DATCP may receive 24 (c) applications in 2019
 - If growing hemp for food purposes or human consumption in any way, there are **NO** pesticide tolerances.

Insects and Diseases

- Japanese beetles
- Eurasian hemp borer



- Leaf spots
- White mold



WEEDS

Grain/fiber varieties

- Planting earlier helps hemp outcompete other weeds
- Tilling helps

CBD Varieties

- Site preparation important
- Black tarping/landscape barrier
- Manual weed control

FOOD AND COMMERCIAL FEED

- All FDA authority is maintained
- Hemp seed/grain/hemp seed oil are generally recognized as safe
- Legality of CBD depends on how it is marketed
- Hemp flower and its byproducts (i.e. CBD) are **NOT** legal food/beverage/commercial feed ingredients at this time
- Despite this, seeing many CBD-containing products in the marketplace



LAW ENFORCEMENT

- The only legal grow/processing locations are those registered with DATCP. Keep them current!!!
- DATCP provides registered locations to law enforcement
- Our contacts with law enforcement are increasing
- Growers may want to proactively reach out to local law enforcement



HEMP PROGRAM ISSUES -- YEAR 2

- **Huge increase in licenses/workload**
- **Program compliance**
- **State law changes/Farm Bill conformance**
- **Product safety/food safety/product labeling**
- **Other program/industry needs**

FOR APPLICATION MATERIALS

- datcp.wi.gov
- Type hemp into search page
- [DATCP Home Industrial **Hemp** Research Pilot Program](#)



Questions?

- DATCPIndustrialHemp@Wisconsin.gov
- 608-224-4500
(Press 0, state that you are calling about hemp and leave your name and number)