



INDUSTRIAL HEMP SAMPLER TRAINING

Training Module 1: CIHS Basics

Updated May 2021

Agriculture.Mo.Gov

Certification Training Overview

- Four training modules
 1. CIHS Basics (current module)
 2. Pre-Harvest Sampling
 3. Records and Other Requirements
 4. Remediation Sampling

Overview

- The Basics
- Who is a Certified Sampler?
- Setting Up Services
- What is a Lot?



INDUSTRIAL HEMP SAMPLER TRAINING MODULE 1

THE BASICS



Hemp Program Staff

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Email is best contact method

General/Other: HempProgram@mda.mo.gov

Report Submissions: Reporting.Hemp@mda.mo.gov



Communication from MDA

- Email is primary method of communication
 - Please call us if you need materials *mailed* to you instead
 - Ensure the email(s) you used on your application are frequently checked throughout the year (even if you do not sample)
- **Read your emails** - if we send it, it is important!

Program Emails

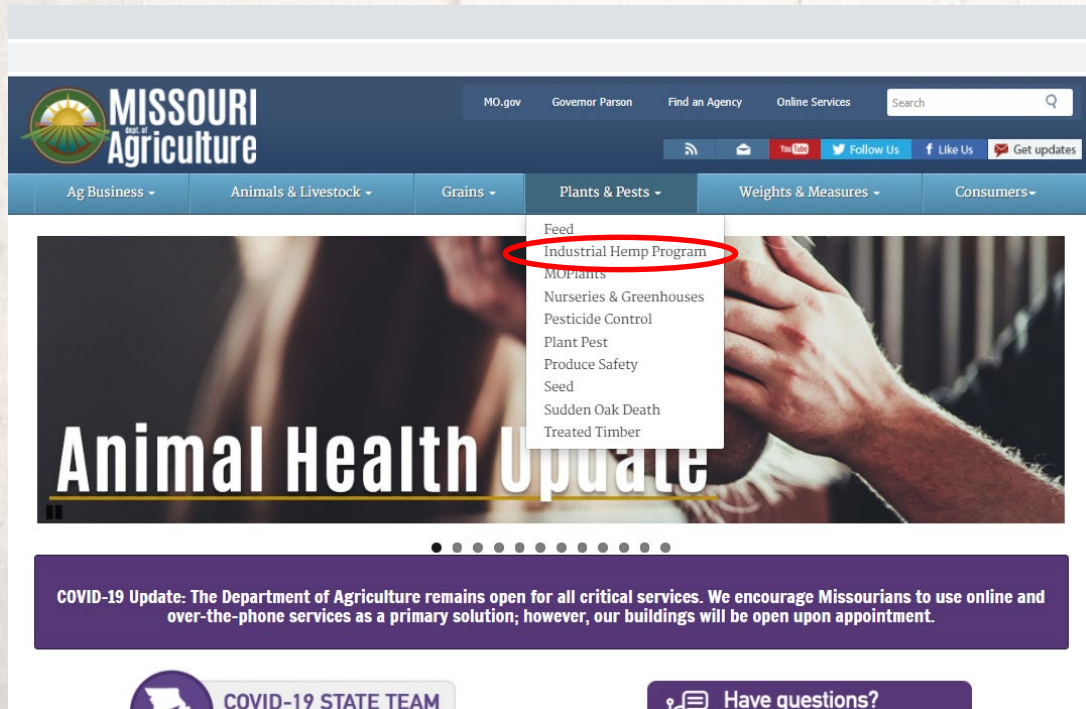
- Emails may come from:
 - HempProgram@mda.mo.gov
 - Reporting.Hemp@mda.mo.gov
 - Or, our GovDelivery subscription list
 - mda@momda.dmarc.public.govdelivery.com

Add each to your “approved senders” lists to ensure delivery to your inbox

Questions?

- Lots of information available on our website
- If you have a question, ASK US!
 - Do not rely on others to give you accurate regulatory information about this evolving industry; and remember, every state is different!

MDA Website



Agriculture.mo.gov

- “Plants & Pests” tab
- Choose “Industrial Hemp Program”

Program Website

Industrial Hemp Program

The Missouri Department of Agriculture's Industrial Hemp Program regulates the production and sales of viable industrial hemp in accordance with federal and state law. Viable industrial hemp is any industrial hemp that is living or capable of living, including but not limited to plants, clones, seedlings and seed.

The Program issues registrations and permits, and certifies samplers for Missouri's industrial hemp industry. A *Producer Registration* is for persons looking to produce viable industrial hemp. An *Agricultural Hemp Propagule and Seed Permit* is for persons looking to sell, distribute or offer for sale viable industrial hemp including but not limited to clones, seedlings and seed. An *Industrial Hemp Sampler Certification* is for persons looking to collect compliance samples for Registered Producers. The Program does not regulate non-viable industrial hemp, including publicly marketable products, and does not offer a processor, transporter or handler license. Questions about products for human consumption may be directed to the **Missouri Department of Health and Senior Services**.

Missouri State Plan – Approved by USDA in Sept. 2020 

Missouri Industrial Hemp Statute: RSMo. 195.740 – 195.773

Missouri Industrial Hemp Program Rules: 2 CSR 70-17.010-17.130 

- Applications
- Registered Producers
- Permit Holders
- Certified Sampler
- Frequently Asked Questions
- Additional Resources

Plants & Pests

- Plants & Pests
 - Feed
- Industrial Hemp
 - Applications
 - Registered Producers
 - Permit Holders
 - Certified Sampler
 - Frequently Asked Questions
 - Additional Resources
- Integrated Pest Management
 - Noxious Weeds
- Nurseries & Greenhouses
- Pesticide Control
 - Certification & Licensing
 - Database Searches
 - Endangered Species
 - Enforcement & Inspections
 - Registering Pesticides
 - Worker Protection

Select the
“Certified Sampler”
option

<https://agriculture.mo.gov/plants/industrial-hemp/>

Certified Sampler Tab

- ***Main information hub for Certified Samplers***
 - Become familiar with this website & check it often
 - Includes:
 - Sampling Protocol
 - Reports/forms
 - Additional guidance & “How to” documents
 - Summary of requirements/deadlines
- Available from menus pictured on previous slide, or:
<https://agriculture.mo.gov/plants/industrial-hemp/certified-sampler.php>



INDUSTRIAL HEMP SAMPLER TRAINING MODULE 1

WHO IS A CERTIFIED SAMPLER?



Certified Industrial Hemp Samplers ARE:

- Individuals authorized to collect compliance samples for Missouri's Registered Producers
- Also referred to as "CIHS" or Certified Samplers

Compliance Samples

- All compliance samples must be collected in accordance with the ***MDA Sampling Protocol***
 - Protocol will be summarized in these training modules
 - Available from the Certified Samplers page
 - Or directly at: <https://agriculture.mo.gov/plants/industrial-hemp/sampling-protocol.pdf>

Requirements for Certification

1. Completion of all training modules
2. Passing of provided online exam
 - 80% or better
3. Submission of application
 - Including \$50 fee to the Department

Certification Term

- Certified for three (3) years **with continued compliance**
 - Adherence to Sampling Protocol & other standards
 - Recordkeeping
 - Reporting
 - Annual fees
 - Etc.

Fees

- CIHS may charge fees to producers
 - MDA does not process, arrange, or otherwise regulate these fees
 - Price and pay structure is up to you
 - Can be hourly, per sample, per acre, flat fee, etc.
 - Fees must be directly charged/invoiced to the producer

Certified Samplers

- Are not eligible to sample for registrations in:
 - Their name
 - Their employer's name
 - Which they are a key participant
- Are not MDA employees, contractors, representatives, or inspectors

Not Authorized

- CIHSs are not authorized to:
 - Access the parcel outside of the sampling appointment
 - Access any fields, buildings, rooms, or facilities not granted by the Registered Producer or their appointed representative
 - Make determinations of compliance

CIHS Role Summary

- Individuals authorized to collect compliance samples for Missouri's Registered Producers in accordance with the MDA Sampling Protocol
- Services arranged like any other service provider such as a plumber or crop consultant;
 - Certified Samplers are hired to perform a service requested by the Producer



INDUSTRIAL HEMP SAMPLER TRAINING MODULE 1

SETTING UP SERVICES



Setting Up Services

Either party can initiate contact!

Certified Industrial Hemp Samplers (CIHS)



Registered Producers

Services are not arranged by MDA staff

Setting Up Services

- Registered producers are advised (but not required) to schedule a ‘sampling appointment’ with a CIHS in advance of the intended sample date

Setting Up Services: CIHS List

Public CIHS list
available on the
MDA website



Certified Industrial Hemp Sampler

Once a person's application is approved by the Missouri Department of Agriculture and a certification number (29_CSXXXXX) has been received, that person is authorized to collect compliance samples for Registered Producers who hire them. All compliance samples must be collected in accordance with the Missouri Department of Agriculture Sampling Protocol.

Hemp Program Rules

- App
- Reg
- Per
- Cer
- Fre
- Add

List of Certified Samplers 	Certified Industrial Hemp Samplers are not employees, contractors, or representatives of the Missouri Department of Agriculture.
Compliance	All industrial hemp lots must be sampled within fifteen (15)

<https://agriculture.mo.gov/plants/industrial-hemp/certified-sampler.php>



Setting Up Services: CIHS List

Current Status	(Unless Renewed) Active Through	Certification Number	Name	Originating County	Business Phone	Business Email address
Active	Jul '21	29_CS00316	Ariane Todd-Bormann	Benton	(660) 221-1972	springazureorganics@gmail.com
Active	Apr '21	29_CS00231	Adam Flock	Boone	(573) 673-8522	info@conestogahemp.com
Active	Apr '21	29_CS00240	Babu Valliyodan	Boone	(573) 356-9594	valliyodan@gmail.com
Active	Apr '21	29_CS00244	Nick Cuchetti	Boone	(573) 502-4909	nickcuchetti@gmail.com
Active	May '21	29_CS00264	William Riley-Land	Boone	(573) 228-5058	N/A
Active	May '21	29_CS00268	Scott Fausset	Boone	(816) 349-9227	s.gar.fausset@gmail.com
Active	Jun '21	29_CS00310	Colwayne Morris	Boone	(347) 636-2233	morris_colwayne@yahoo.com
Active	Sep '21	29_CS00337	Liz Fallon	Boone	(630) 991-8656	edfg28@umsystem.edu
Active	Nov '21	29_CS00359	Robert Davis	Boone	(970) 714-0001	Robert.Davis@4vcultivation.com

Registered Producers can use this publicly available list to contact a Certified Sampler in their area

CIHS can choose to not be listed

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The “originating county” is identified on the CIHS application. It is only an indicator of general location, and CIHSs are *not* restricted to operating only in this county.



INDUSTRIAL HEMP SAMPLER TRAINING MODULE 1

WHAT IS A LOT?



Identifying Lots

- Registered Producers must report the **lots** they have planted
 - **Each lot requires its own sample**, therefore it is critical Certified Samplers understand what a **lot** is!

What Is A “Lot”?

A “**lot**” is a group of plants of the same variety or strain grown in a continuous area



<https://www.pexels.com/photo/birds-eye-view-of-river-in-middle-of-green-fields-1483880/>

What is a “Variety”?

- A “**variety**” or “**strain**” is a subcategory of a plant species with the same unique traits

Ex: *Cannabis sativa* ‘Cherry Blossom’

Genus

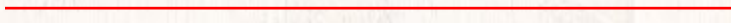
Species

Variety



https://www.washingtonpost.com/local/marijuana-news/east-coasts-first-outdoor-commercial-cannabis-harvest-underway/2019/10/07/86ff738-854c-11e9-a331-af1a2c6a80b6_010001.html

Planting Reports

- Producers must submit this **lot** information to MDA within 30 days after planting (*Planting Report*)
 - Identifies planted **lot(s)** by date, variety, amount, GPS location, etc.
 - Includes a planting map 
- Producers should provide a copy of this to you prior to sampling; will help identify locations & lot boundaries



REGISTRATION #		NAME			DATE COMPLETED	
LOT ID ¹	VARIETY	PLANTING ² DATE(S)	AMOUNT PLANTED ³	GPS OF FINAL PLANTING AREA		NOTES
				LAT (XX.XXXXX)	LONG (-YY.YYYYY)	
			<input type="checkbox"/> ACRE <input type="checkbox"/> SQ FT			
			<input type="checkbox"/> ACRE <input type="checkbox"/> SQ FT			
			<input type="checkbox"/> ACRE <input type="checkbox"/> SQ FT			

Note: MDA Planting Report was previously titled “Lot Identification Form”



Lot Boundaries

- Many producers have signs and clear boundaries on site, but additional consultation may be needed in some cases



Sample by Lot

- Each **lot** requires its own compliance sample
 - Collected by a Certified Industrial Hemp Sampler, in accordance with the MDA Sampling Protocol
 - Within 30 days prior to harvest



<https://www.pexels.com/photo/bird-s-eye-view-of-river-in-middle-of-green-fields-1483880/>





QUESTIONS?

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